

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060520\
 Data File : VD065771.D
 Acq On : 05 Jun 2020 12:18
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/5/2020 4:12:46 PM

Quant Time: Jun 05 12:53:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 12:42:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	238131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	369464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	349180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	178418	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	241880	101.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.94%	
35) Dibromofluoromethane	7.91	113	240725	102.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.58%	
50) Toluene-d8	10.34	98	935862	109.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.64%	
62) 4-Bromofluorobenzene	12.64	95	321294	111.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	222.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	150715	77.64	ug/l	98
3) Chloromethane	2.21	50	259113	78.57	ug/l	100
4) Vinyl Chloride	2.35	62	309575	82.22	ug/l	100
5) Bromomethane	2.76	94	216713	82.25	ug/l	93
6) Chloroethane	2.91	64	211563	83.35	ug/l	97
7) Trichlorofluoromethane	3.27	101	349085	82.48	ug/l	99
8) Diethyl Ether	3.71	74	101950	95.13	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	210020	83.55	ug/l	100
10) Methyl Iodide	4.30	142	249037	113.58	ug/l	100
11) Tert butyl alcohol	5.22	59	63501	328.77	ug/l	98
12) 1,1-Dichloroethene	4.07	96	198635	88.07	ug/l	95
13) Acrolein	3.93	56	59651	420.75	ug/l	94
14) Allyl chloride	4.71	41	348202	95.16	ug/l	99
15) Acrylonitrile	5.42	53	234573	483.29	ug/l	99
16) Acetone	4.16	43	220820	489.06	ug/l	99
17) Carbon Disulfide	4.41	76	661394	86.95	ug/l	99
18) Methyl Acetate	4.71	43	98237	79.07	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	488586	98.42	ug/l	98
20) Methylene Chloride	4.96	84	230020	77.79	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	239170	91.68	ug/l	98
22) Diisopropyl ether	6.36	45	712696	96.91	ug/l	95
23) Vinyl Acetate	6.30	43	2146416	532.85	ug/l	98
24) 1,1-Dichloroethane	6.27	63	417778	91.73	ug/l	99
25) 2-Butanone	7.21	43	309162	497.41	ug/l	96
26) 2,2-Dichloropropane	7.21	77	369582	91.33	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	265958	95.72	ug/l	100
28) Bromochloromethane	7.55	49	173509	101.01	ug/l	96
29) Tetrahydrofuran	7.56	42	195531	499.79	ug/l	98
30) Chloroform	7.71	83	437499	92.93	ug/l	100
31) Cyclohexane	7.98	56	373913	83.44	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	397246	91.55	ug/l	98
36) 1,1-Dichloropropene	8.11	75	335483	92.36	ug/l	99
37) Ethyl Acetate	7.29	43	138927	98.35	ug/l	99
38) Carbon Tetrachloride	8.10	117	352041	92.40	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	407321	96.58	ug/l	99
40) Benzene	8.36	78	945192	96.29	ug/l	98
41) Methacrylonitrile	7.53	41	68081	77.29	ug/l #	69
42) 1,2-Dichloroethane	8.43	62	280824	93.46	ug/l	100
43) Isopropyl Acetate	8.46	43	279897	100.98	ug/l	98
44) Trichloroethene	9.11	130	261293	95.85	ug/l	99
45) 1,2-Dichloropropane	9.39	63	234645	94.56	ug/l	98
46) Dibromomethane	9.48	93	128810	96.26	ug/l	98
47) Bromodichloromethane	9.67	83	341470	94.76	ug/l	98
48) Methyl methacrylate	9.46	41	127928	94.30	ug/l	91
49) 1,4-Dioxane	9.47	88	28772	2045.83	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	703411	520.58	ug/l	98
52) Toluene	10.41	92	629357	100.09	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	326883	102.95	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	385087	102.36	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	175483	98.73	ug/l	97
56) Ethyl methacrylate	10.66	69	219716	109.07	ug/l	96
57) 1,3-Dichloropropane	10.95	76	305601	99.26	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	515966	546.42	ug/l	100
59) 2-Hexanone	10.99	43	485220	538.79	ug/l	98
60) Dibromochloromethane	11.14	129	239722	100.25	ug/l	98
61) 1,2-Dibromoethane	11.25	107	176127	101.74	ug/l	99
64) Tetrachloroethene	10.88	164	220510	91.22	ug/l	96
65) Chlorobenzene	11.67	112	660002	95.53	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	250567	97.91	ug/l	100
67) Ethyl Benzene	11.75	91	1197095	98.00	ug/l	97
68) m/p-Xylenes	11.86	106	926444	197.01	ug/l	99
69) o-Xylene	12.18	106	430307	103.11	ug/l	99
70) Styrene	12.20	104	754424	104.64	ug/l	99
71) Bromoform	12.37	173	140872	100.75	ug/l #	98
73) Isopropylbenzene	12.48	105	1162041	96.69	ug/l	100
74) N-amyl acetate	12.30	43	265339	99.53	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	189863	90.89	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	145259m	103.94	ug/l	
77) Bromobenzene	12.77	156	277632	97.43	ug/l	99
78) n-propylbenzene	12.83	91	1391464	95.41	ug/l	99
79) 2-Chlorotoluene	12.91	91	765904	95.67	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	976665	97.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	66206	104.53	ug/l	94
82) 4-Chlorotoluene	13.01	91	814473	94.18	ug/l	100
83) tert-Butylbenzene	13.23	119	847773	98.05	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	980693	98.03	ug/l	98
85) sec-Butylbenzene	13.41	105	1170490	96.57	ug/l	100
86) p-Isopropyltoluene	13.52	119	1088938	98.95	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	535154	94.09	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	527143	92.90	ug/l	99
89) n-Butylbenzene	13.85	91	1028541	97.21	ug/l	99
90) Hexachloroethane	14.12	117	212277	94.93	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	465176	95.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	32926	95.28	ug/l	95

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ClientSampleId :
VSTDICC100

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 12:42:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	332324	102.84	ug/l	99
94) Hexachlorobutadiene	15.28	225	189986	95.47	ug/l	100
95) Naphthalene	15.41	128	581085	107.75	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	285911	102.92	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

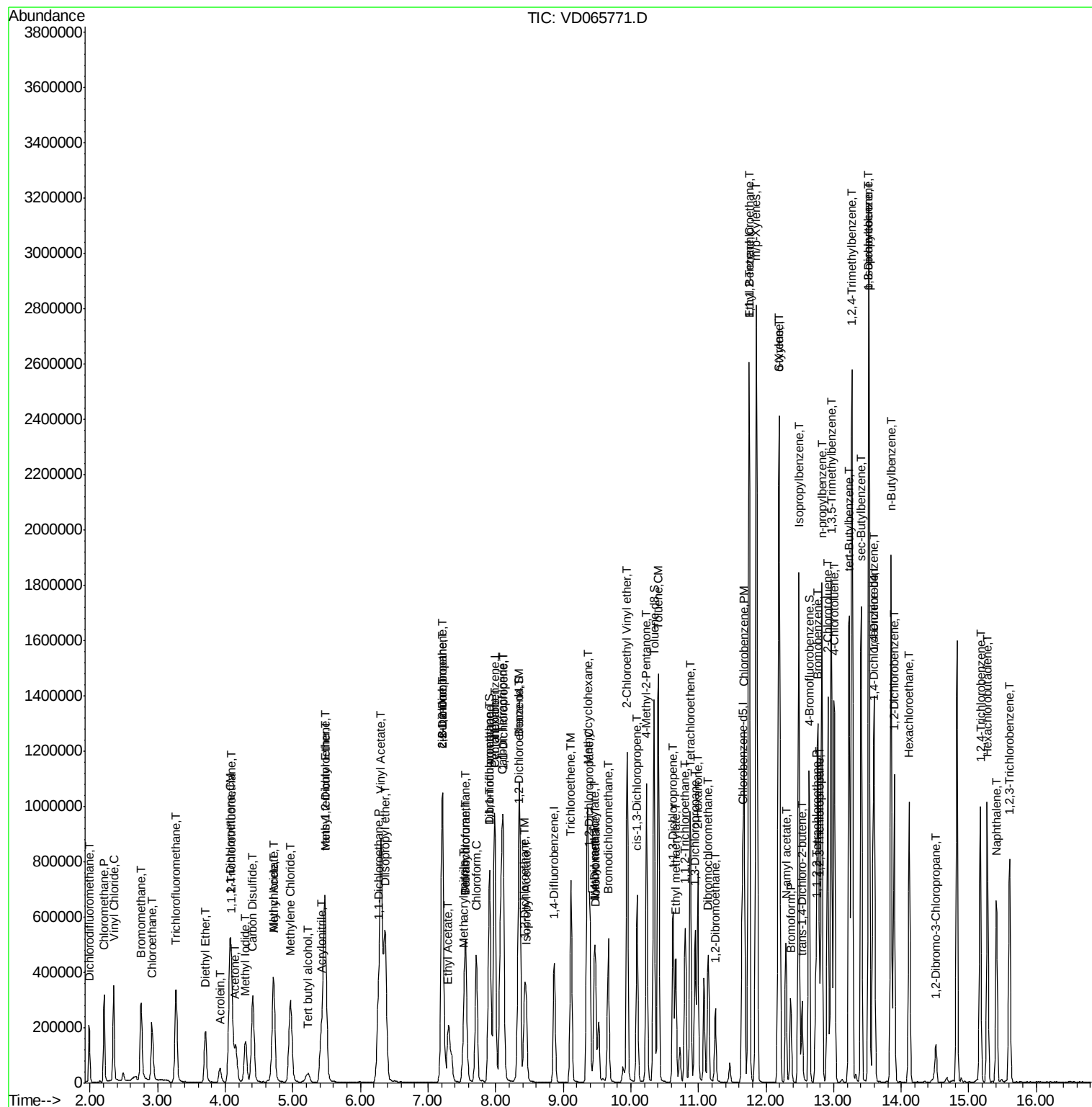
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD060520\
 Data File : VD065771.D
 Acq On : 05 Jun 2020 12:18
 Operator : VA/SY
 Sample : VSTDIC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

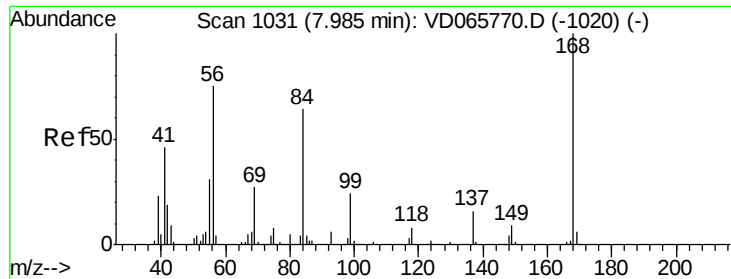
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Manual Integrations
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 6/5/2020 4:12:46 PM

Quant Time: Jun 05 12:53:53 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 168 Resp: 238131

Ion Ratio Lower Upper

168 100

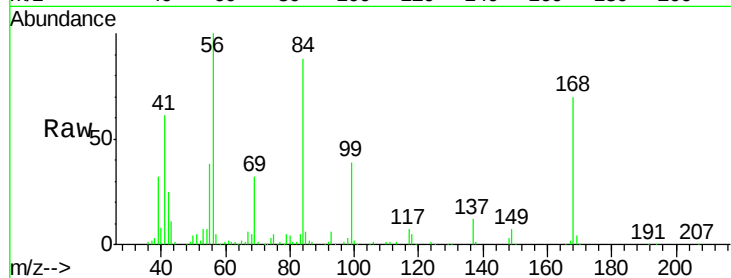
99 55.5 45.3 67.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

120000

100000

80000

60000

40000

20000

0

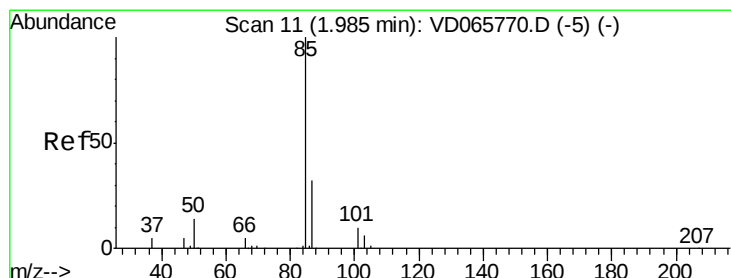
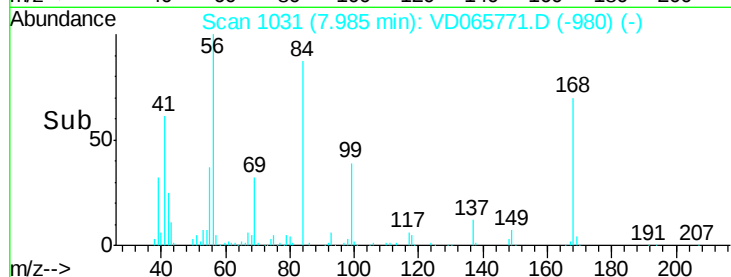
7.90

7.98

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 77.64 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065771.D

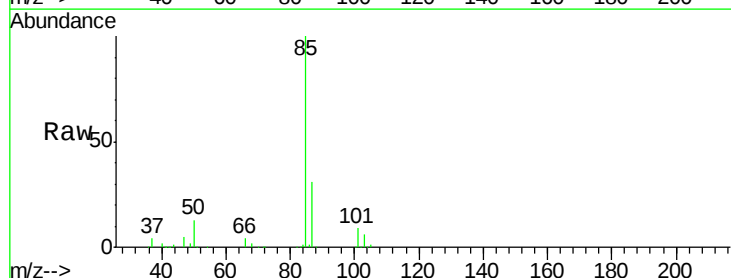
Acq: 05 Jun 2020 12:18

Tgt Ion: 85 Resp: 150715

Ion Ratio Lower Upper

85 100

87 31.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

120000

100000

80000

60000

40000

20000

0

1.90

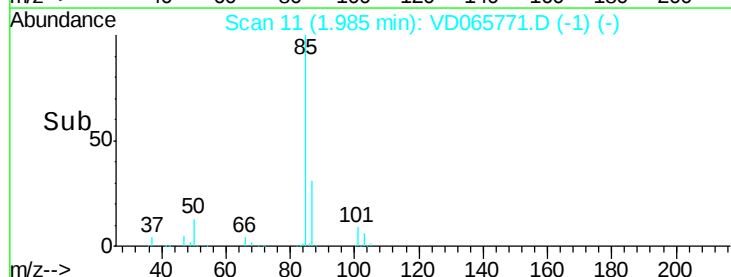
1.95

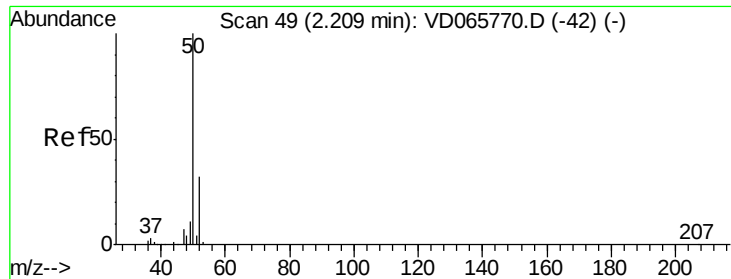
1.99

2.00

2.05

Time-->





#3

Chloromethane

Concen: 78.57 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 50 Resp: 259113

Ion Ratio Lower Upper

50 100

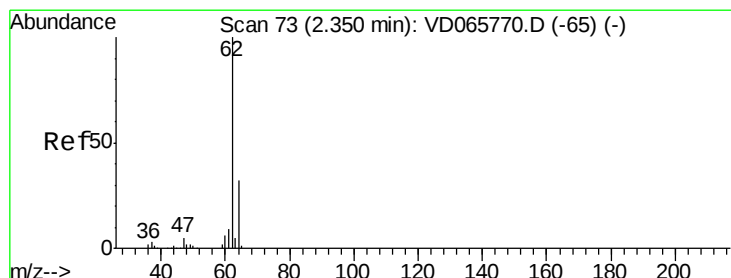
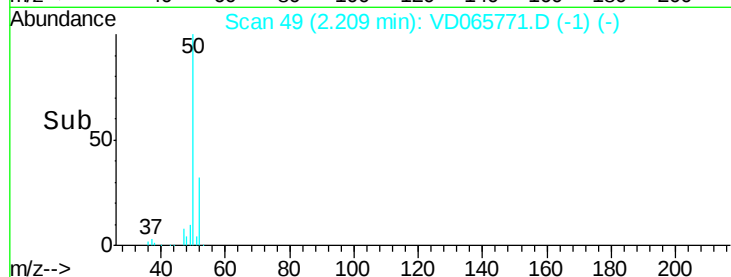
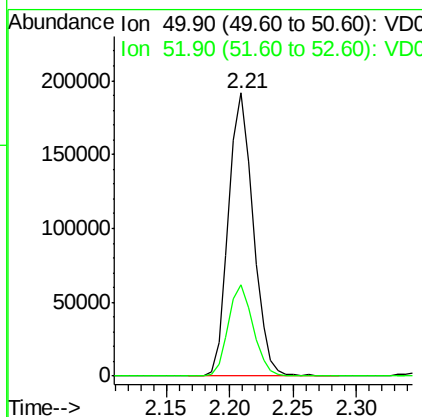
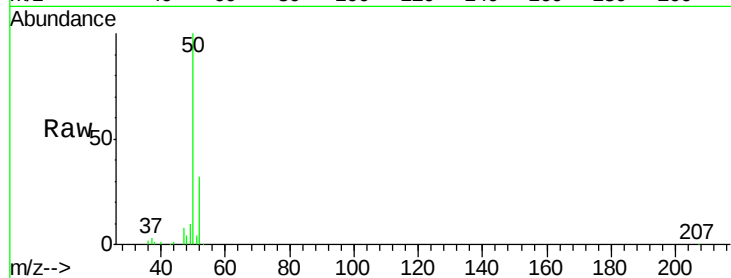
52 32.2 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 82.22 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065771.D

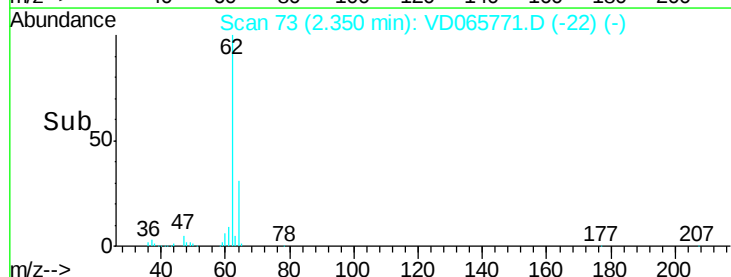
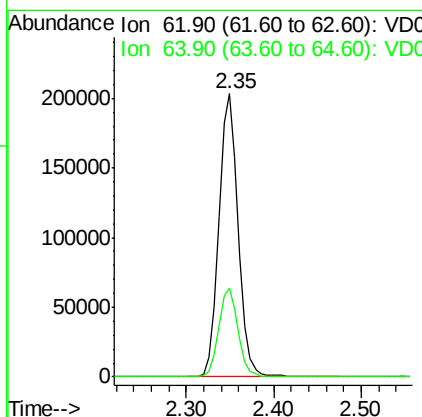
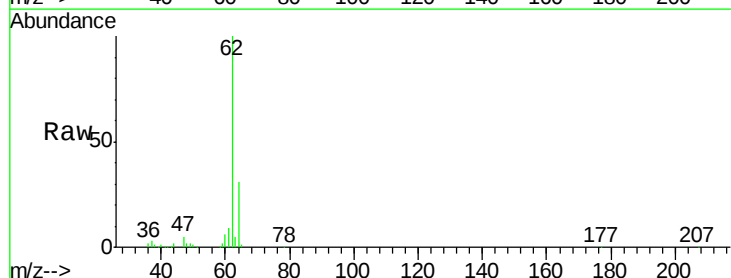
Acq: 05 Jun 2020 12:18

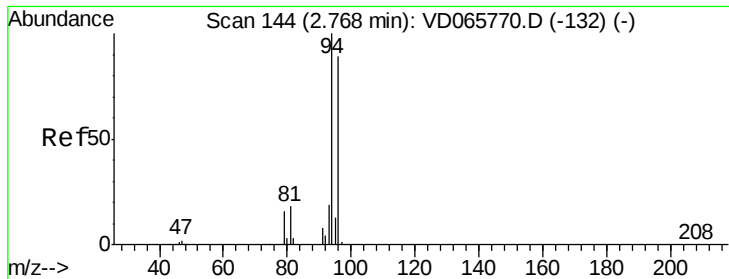
Tgt Ion: 62 Resp: 309575

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9





#5

Bromomethane

Concen: 82.25 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 94 Resp: 216713

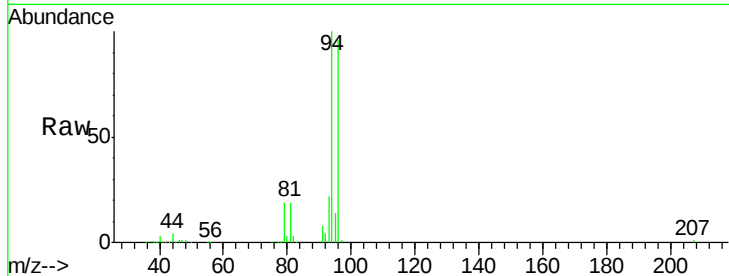
Ion Ratio Lower Upper

94 100

96 95.7 71.4 107.0

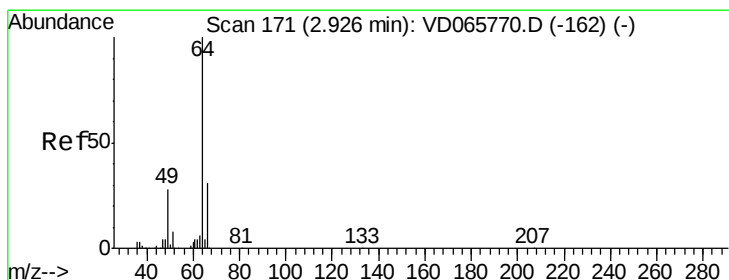
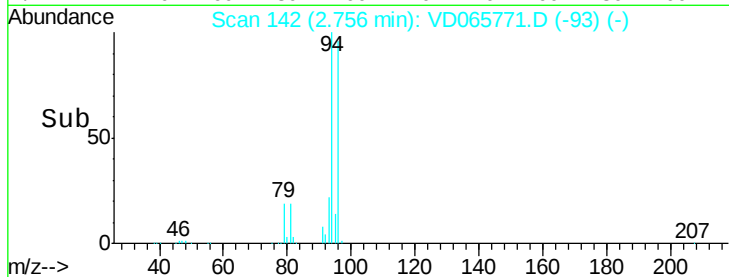
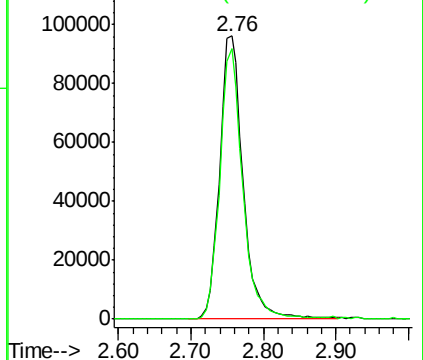
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 83.35 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD065771.D

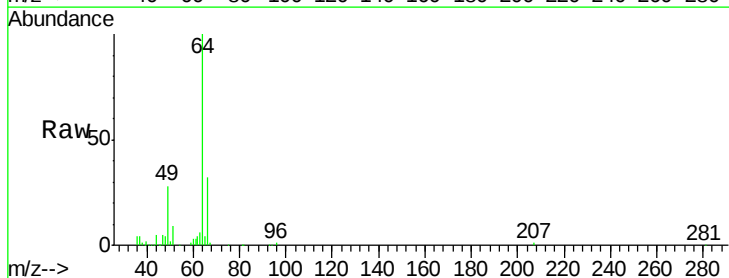
Acq: 05 Jun 2020 12:18

Tgt Ion: 64 Resp: 211563

Ion Ratio Lower Upper

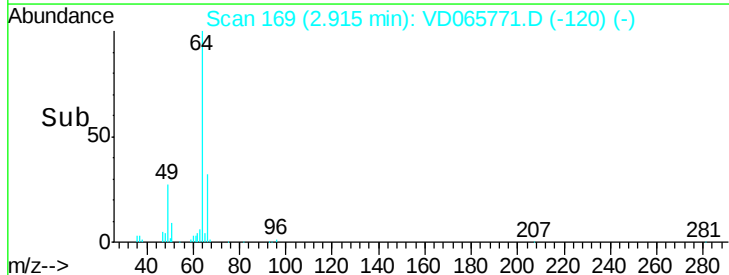
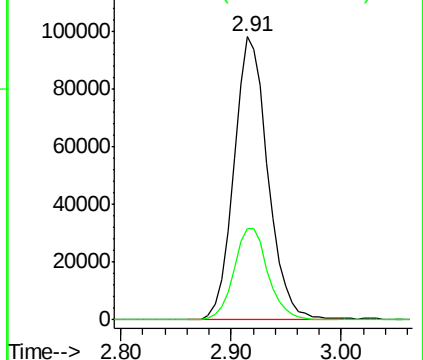
64 100

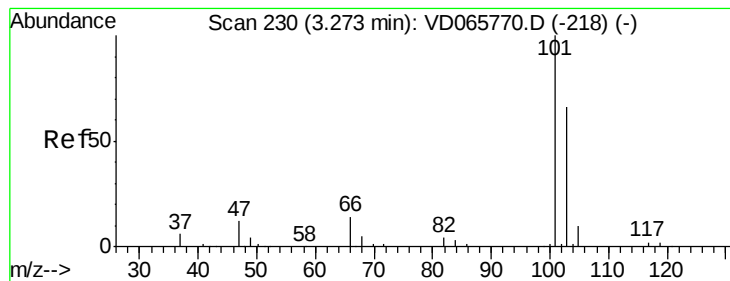
66 32.3 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

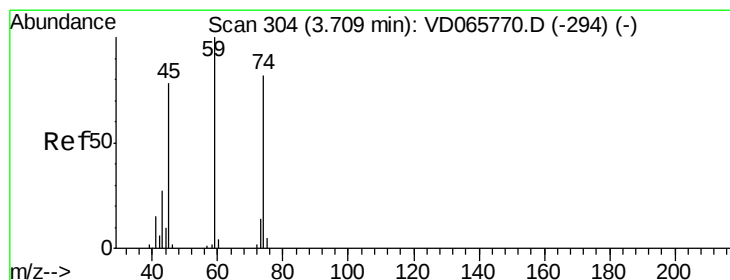
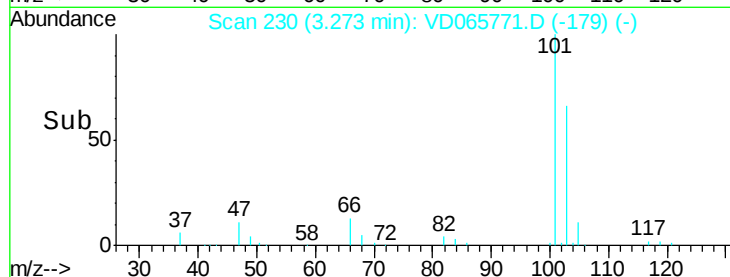
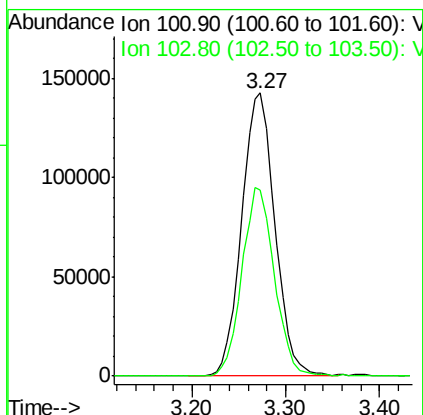
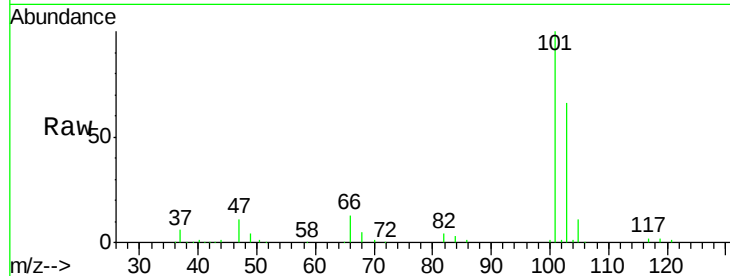
Trichlorofluoromethane
Concen: 82.48 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.5	53.1	79.7

Manual Integrations
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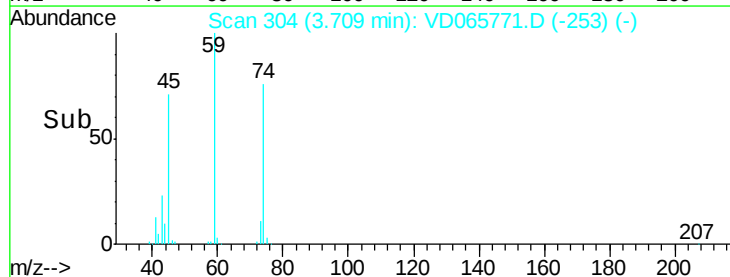
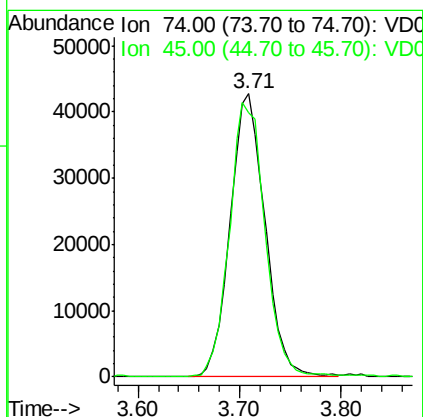
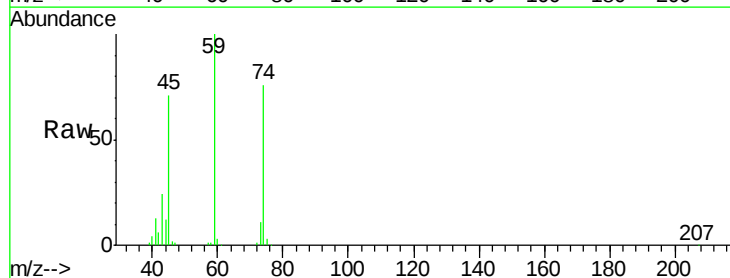
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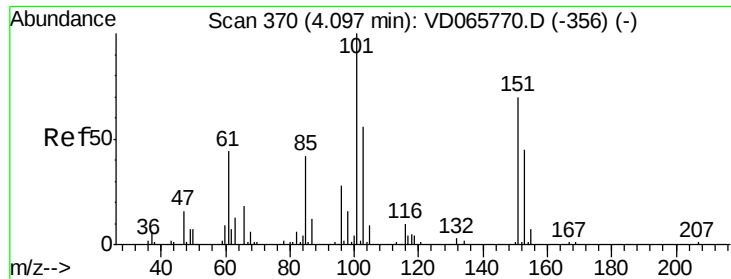


#8

Diethyl Ether
Concen: 95.13 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.9	47.9	143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 83.55 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

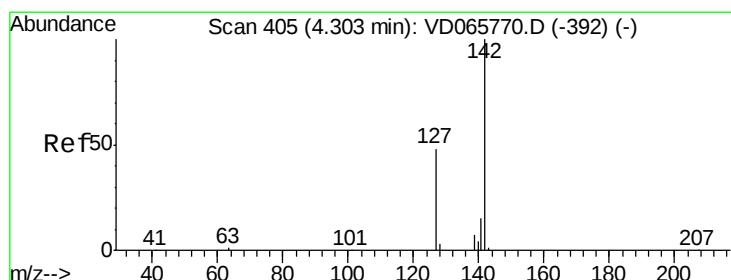
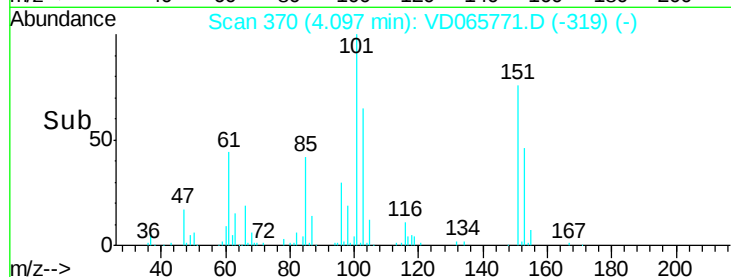
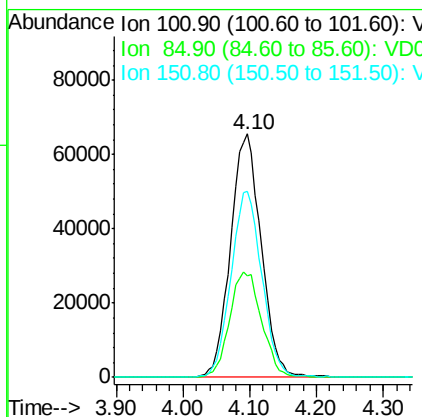
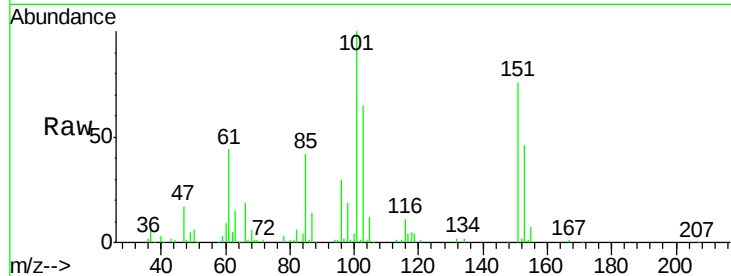
ClientSampleId :

VSTDIC100

Tgt Ion:	101	Resp:	210020
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.5	54.7
151	76.9	61.8	92.6

Manual Integrations
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#10

Methyl Iodide

Concen: 113.58 ug/l

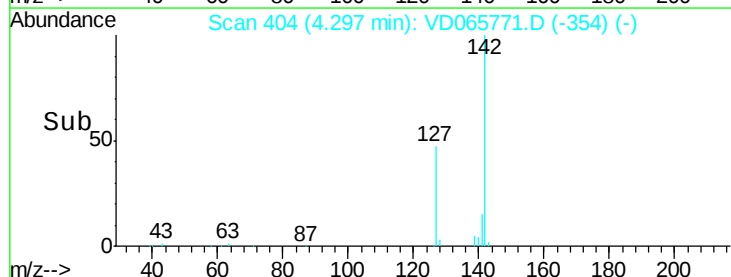
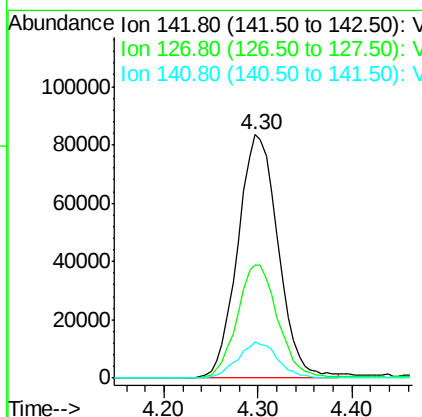
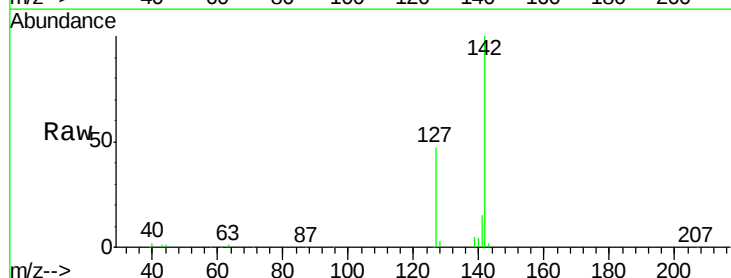
RT: 4.30 min Scan# 404

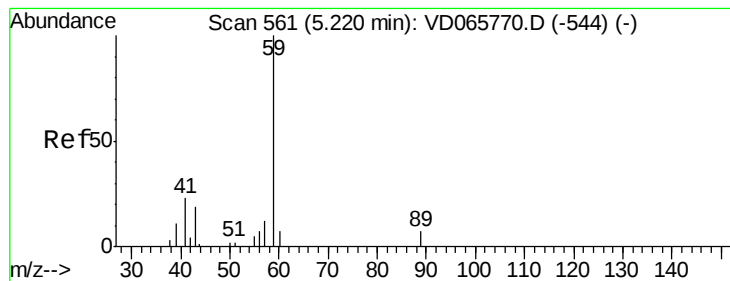
Delta R.T. -0.01 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Tgt Ion:	142	Resp:	249037
Ion Ratio	Lower	Upper	
142	100		
127	46.9	37.6	56.4
141	14.6	12.1	18.1





#11

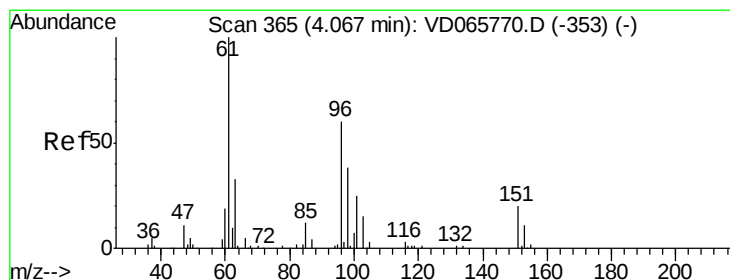
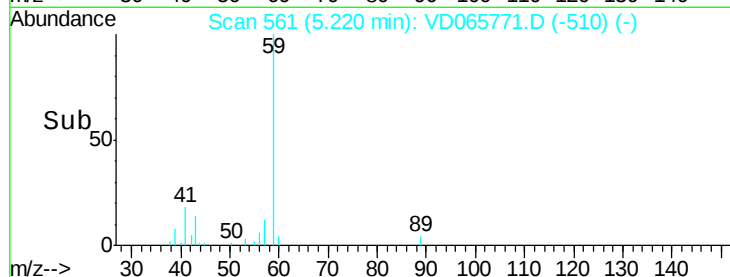
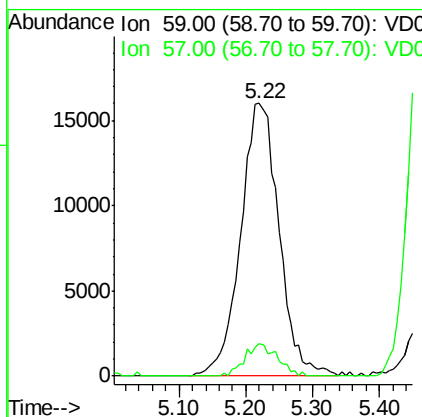
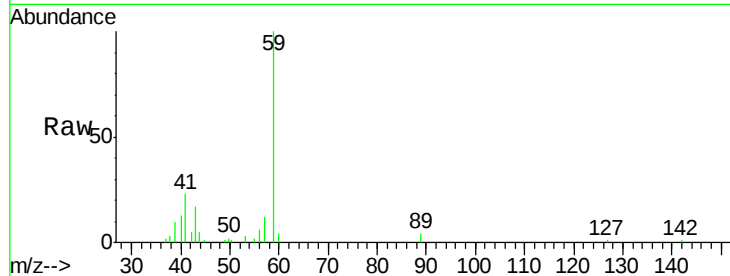
Tert butyl alcohol
 Concen: 328.77 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: VD065771.D
 Acq: 05 Jun 2020 12:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.5	11.3

Manual Integrations
 APPROVED

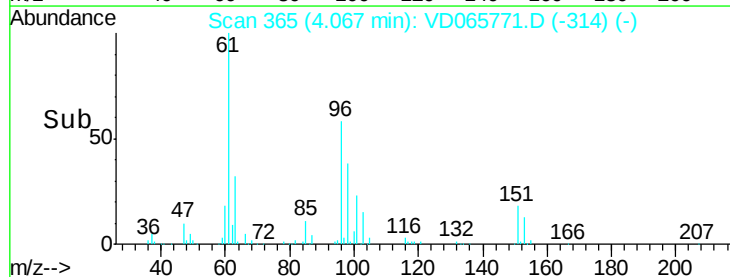
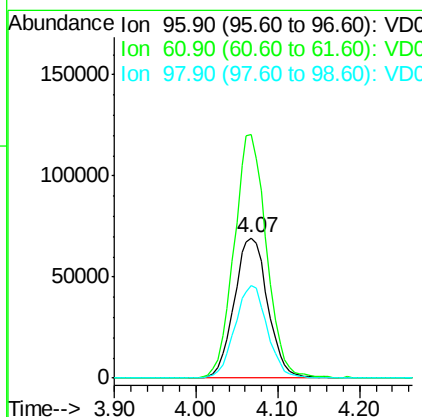
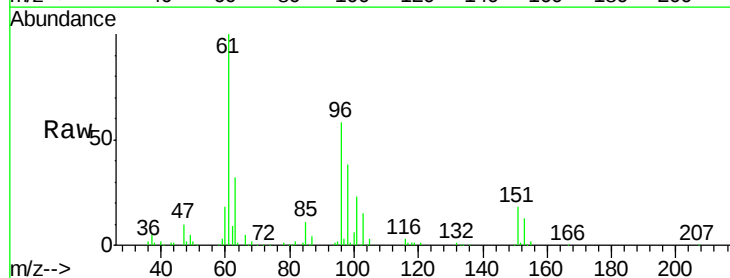
MMDadoda
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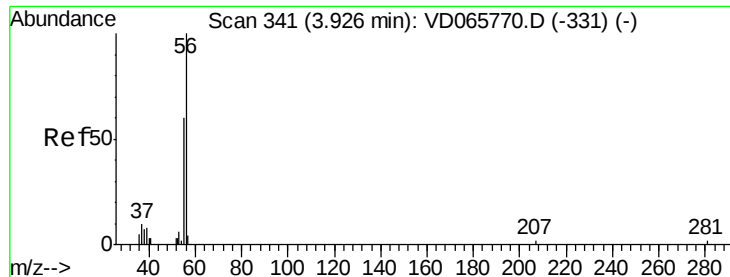


#12

1,1-Dichloroethene
 Concen: 88.07 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD065771.D
 Acq: 05 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.3	132.3	198.5
98	65.8	50.7	76.1





#13

Acrolein

Concen: 420.75 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 56 Resp: 59651

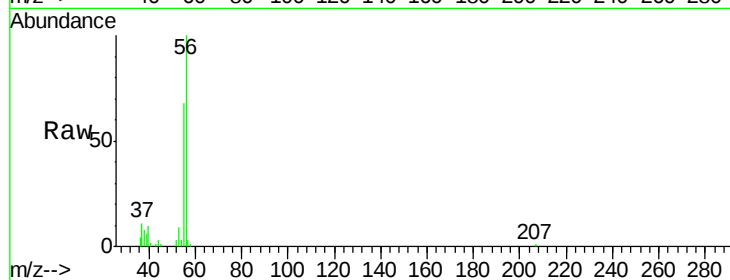
Ion Ratio Lower Upper

56 100

55 73.0 54.8 82.2

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

25000

20000

15000

10000

5000

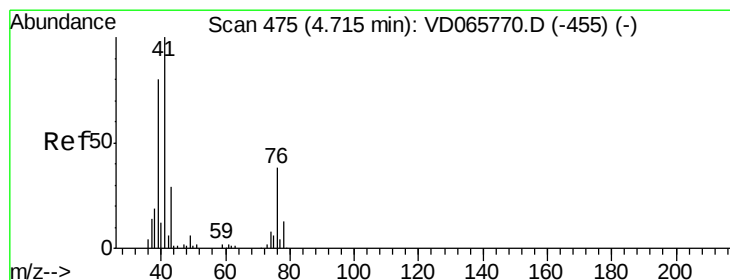
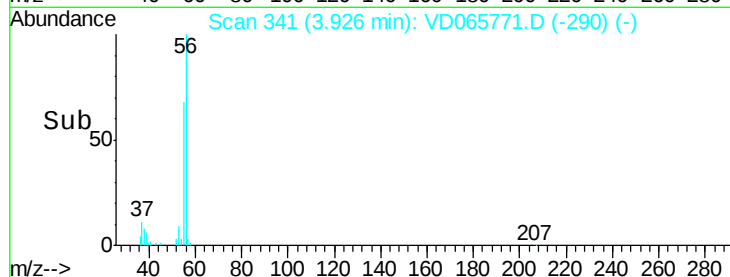
0

3.80

3.90

4.00

Time-->



#14

Allyl chloride

Concen: 95.16 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

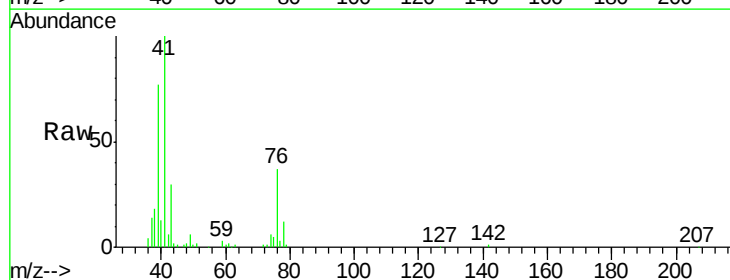
Tgt Ion: 41 Resp: 348202

Ion Ratio Lower Upper

41 100

39 76.7 60.9 91.3

76 35.8 28.9 43.3



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

150000

100000

50000

0

4.50

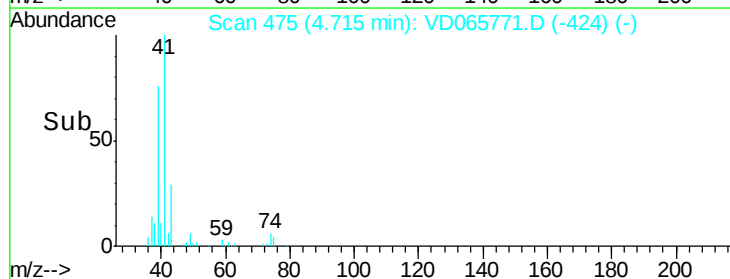
4.60

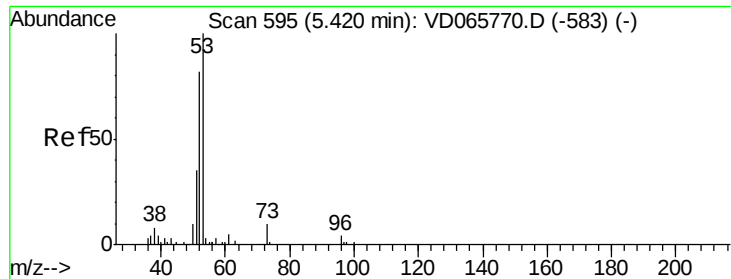
4.70

4.80

4.90

Time-->





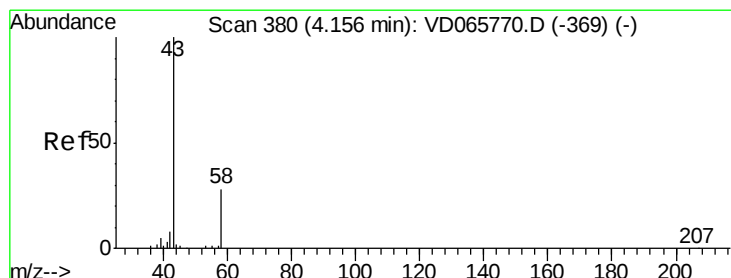
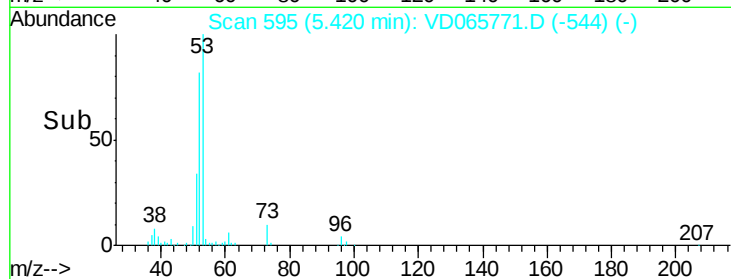
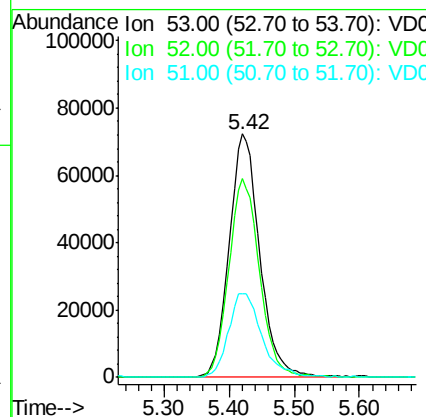
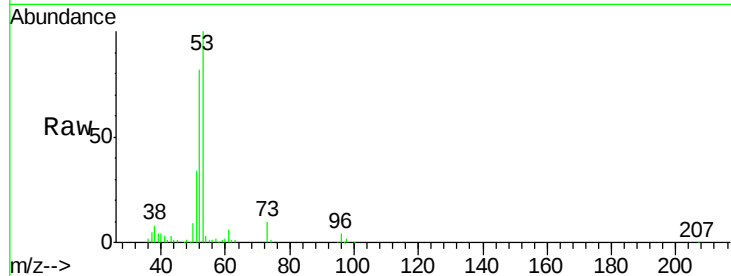
#15
 Acrylonitrile
 Concen: 483.29 ug/l
 RT: 5.42 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: VD065771.D
 Acq: 05 Jun 2020 12:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.2	99.2
51	37.6	30.7	46.1

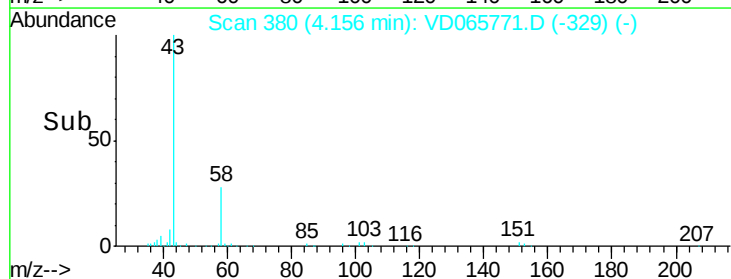
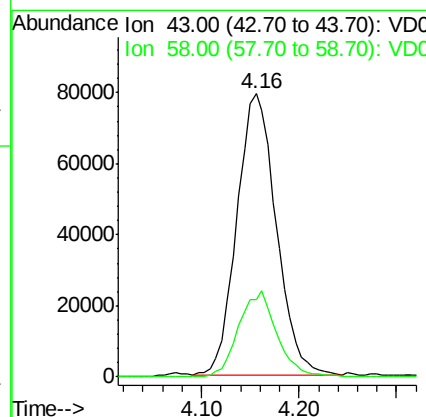
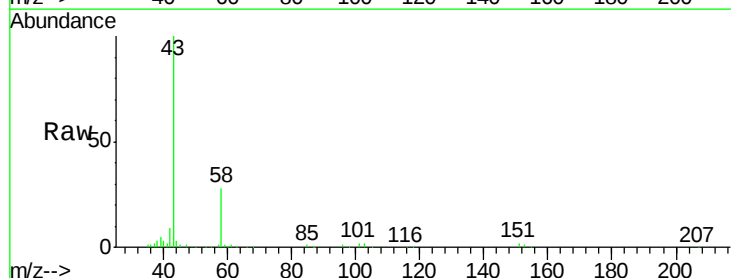
Manual Integrations
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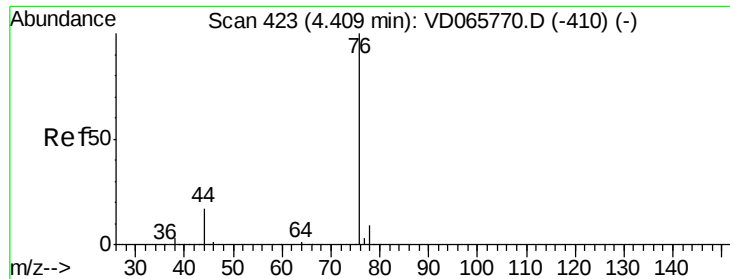
MMDadoda
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#16
 Acetone
 Concen: 489.06 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VD065771.D
 Acq: 05 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.3	33.5





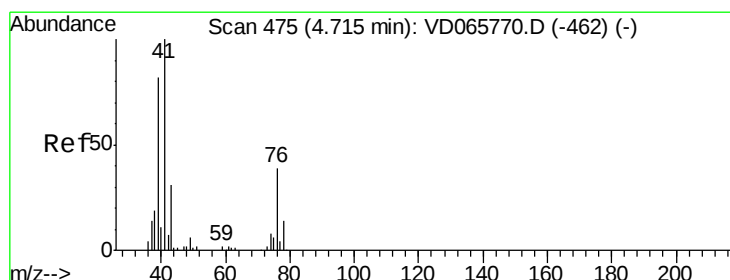
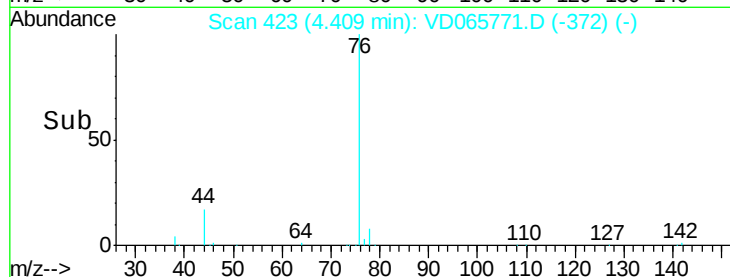
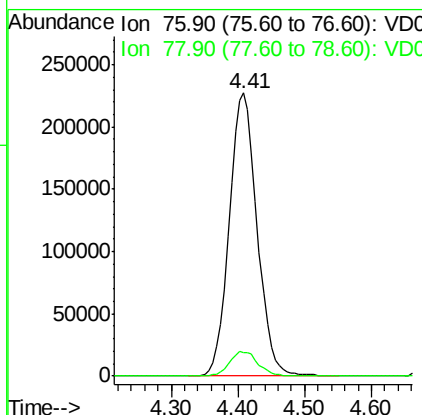
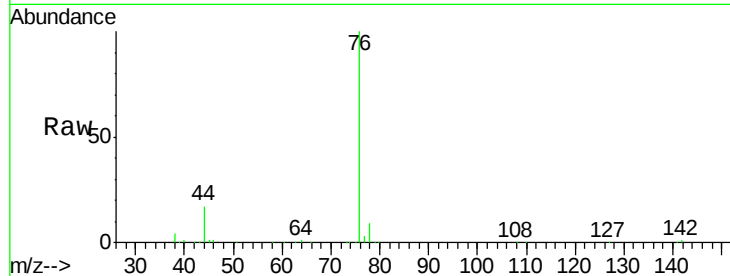
#17
Carbon Disulfide
Concen: 86.95 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 661394
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7

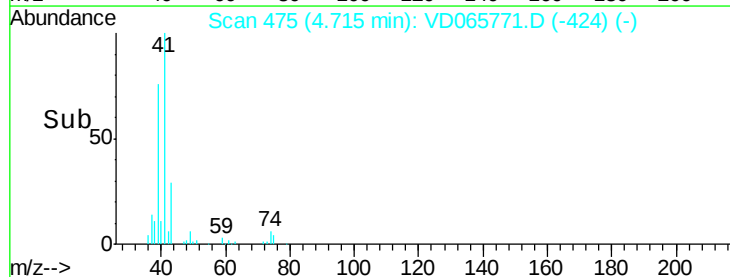
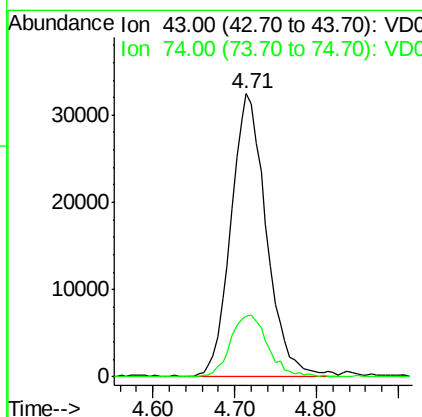
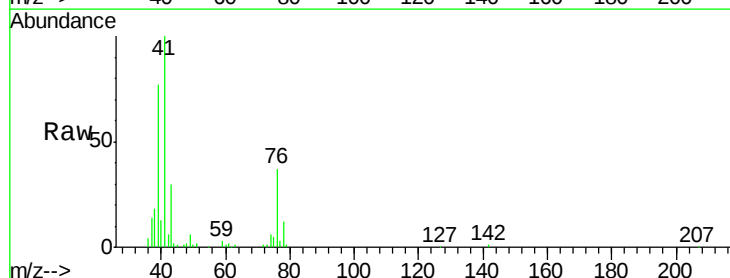
Manual Integrations
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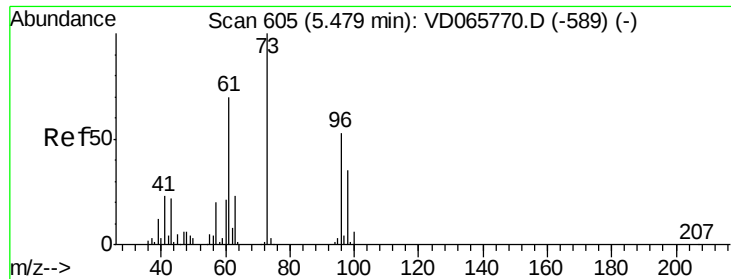
MMDadoda
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#18
Methyl Acetate
Concen: 79.07 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion: 43 Resp: 98237
Ion Ratio Lower Upper
43 100
74 22.8 18.7 28.1





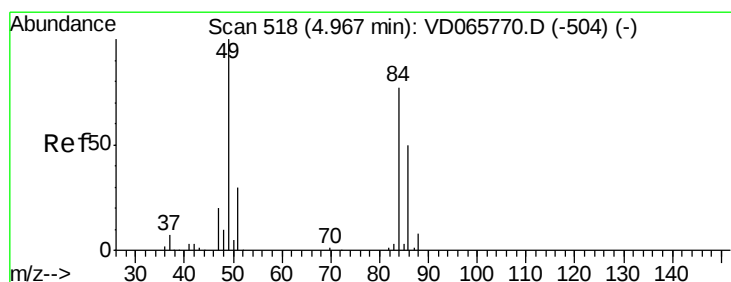
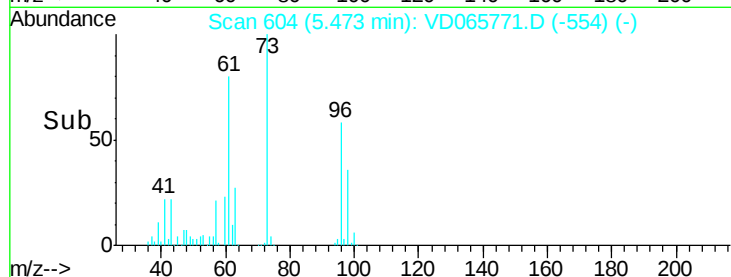
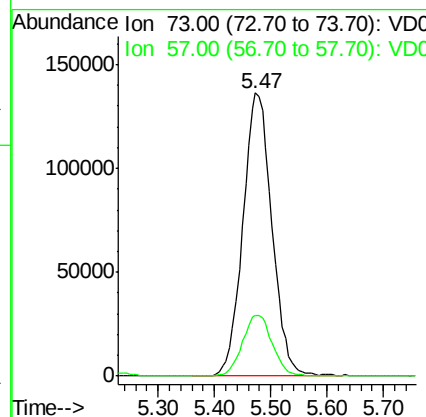
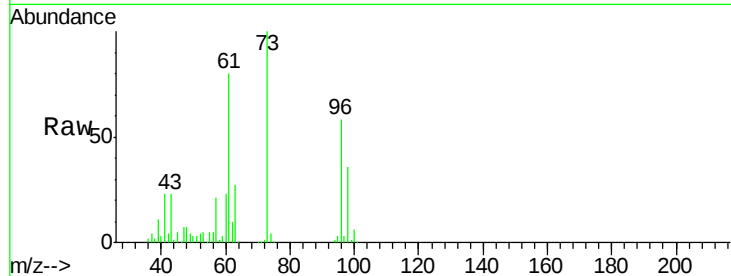
#19
Methyl tert-butyl Ether
Concen: 98.42 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 488586
Ion Ratio Lower Upper
73 100
57 21.3 16.2 24.2

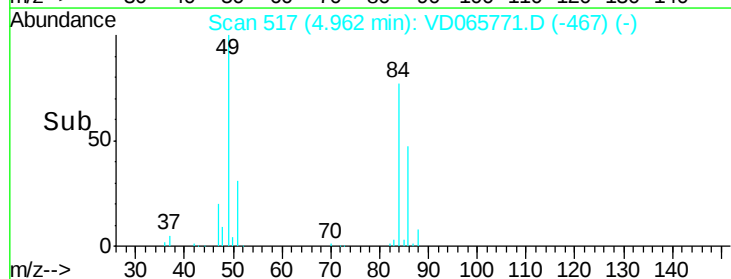
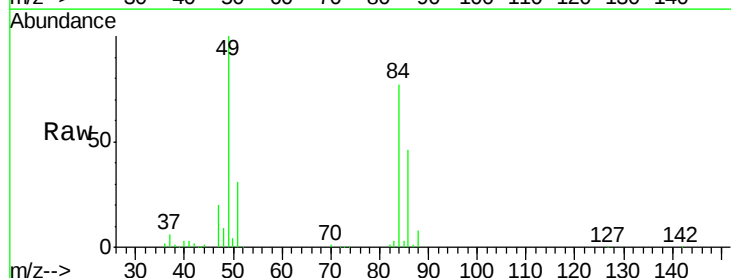
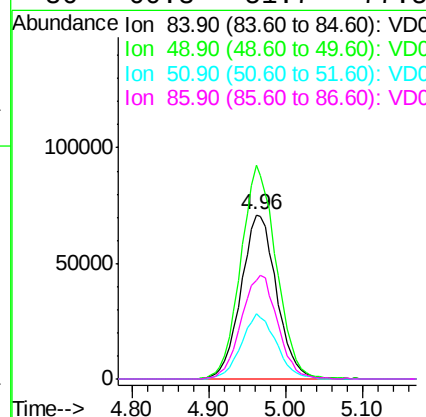
Manual Integrations
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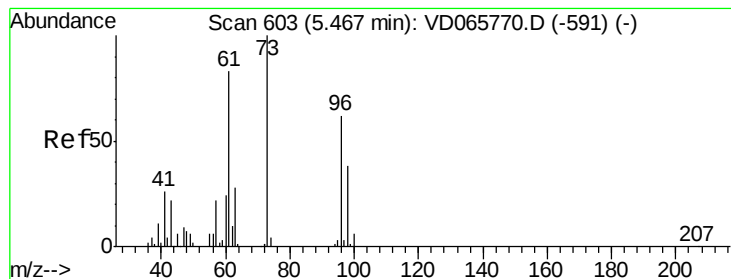
MMDadoda
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#20
Methylene Chloride
Concen: 77.79 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion: 84 Resp: 230020
Ion Ratio Lower Upper
84 100
49 129.9 103.4 155.0
51 39.8 31.4 47.2
86 60.3 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 91.68 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

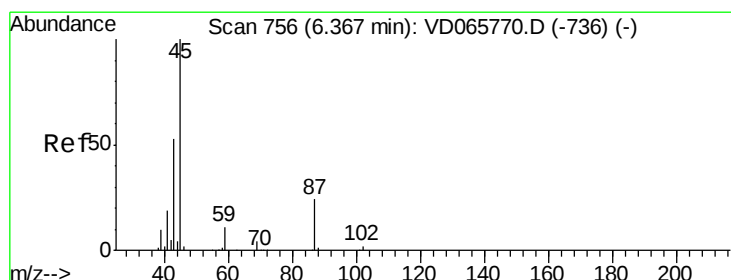
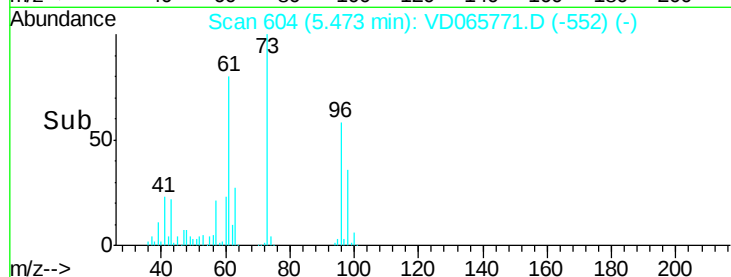
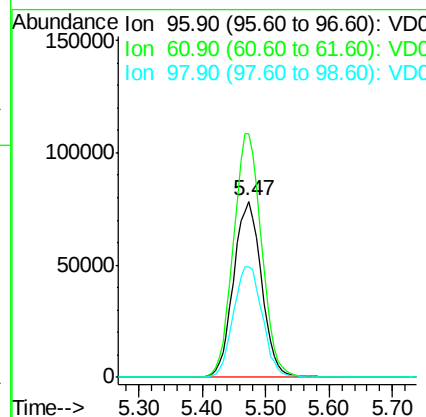
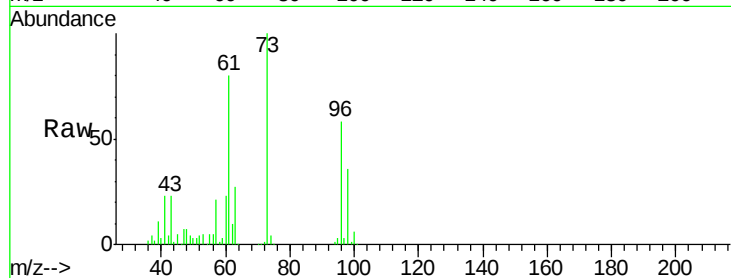
ClientSampleId :

VSTDIC100

Tgt Ion:	96	Resp:	239170
Ion	Ratio	Lower	Upper
96	100		
61	138.1	107.7	161.5
98	62.5	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 96.91 ug/l

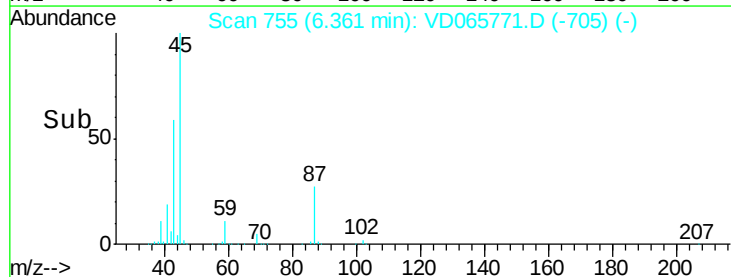
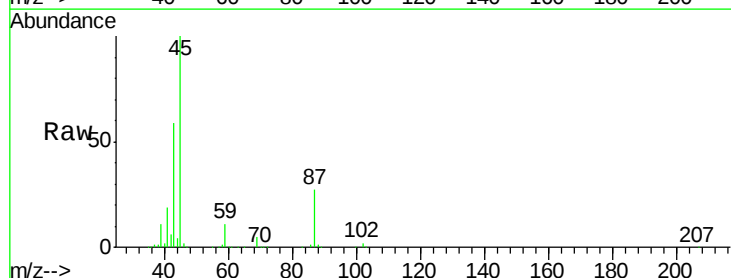
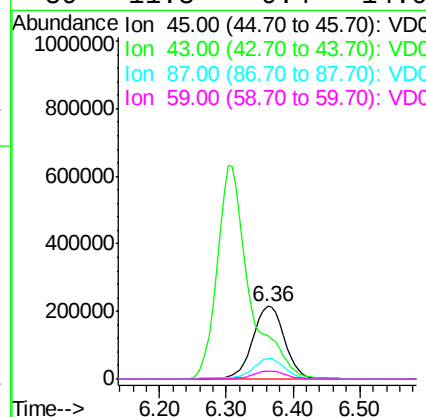
RT: 6.36 min Scan# 755

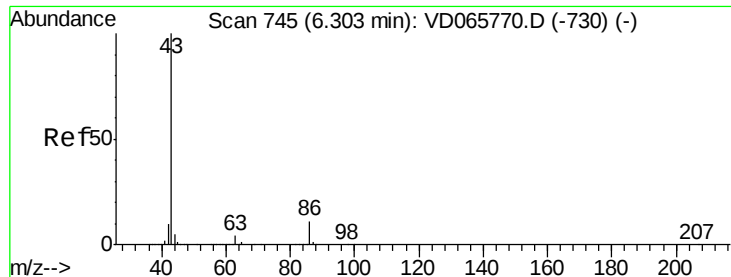
Delta R.T. -0.01 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Tgt Ion:	45	Resp:	712696
Ion	Ratio	Lower	Upper
45	100		
43	58.4	43.4	65.0
87	27.3	20.2	30.4
59	11.3	9.4	14.0





#23

Vinyl Acetate

Concen: 532.85 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 2146416

Ion Ratio Lower Upper

43 100

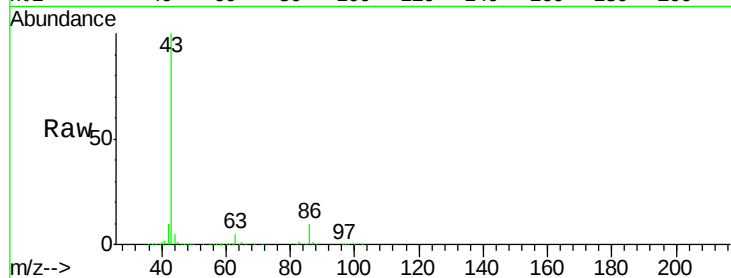
86 10.0 8.5 12.7

Manual Integrations

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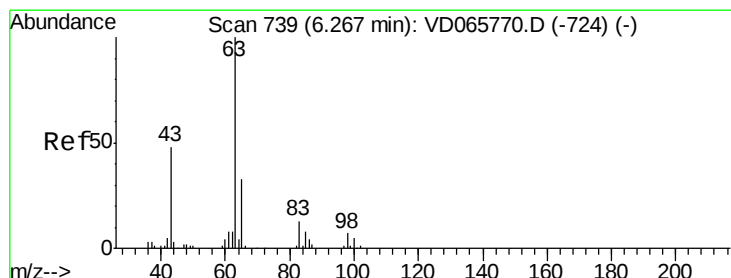
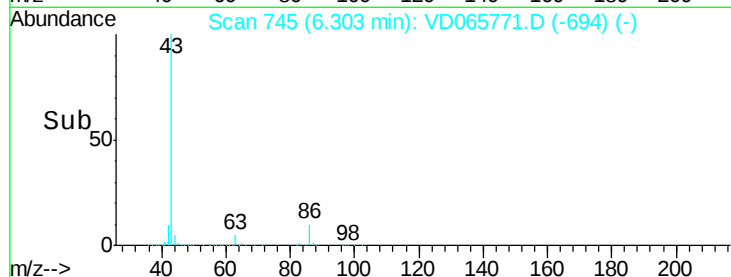
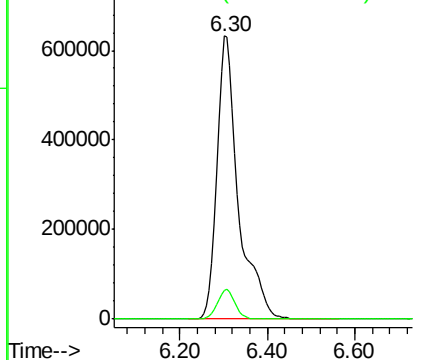
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 91.73 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

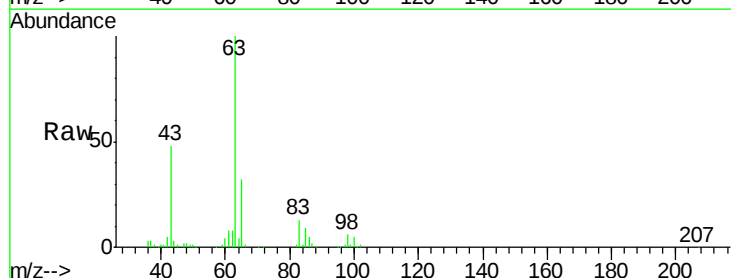
Tgt Ion: 63 Resp: 417778

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.5

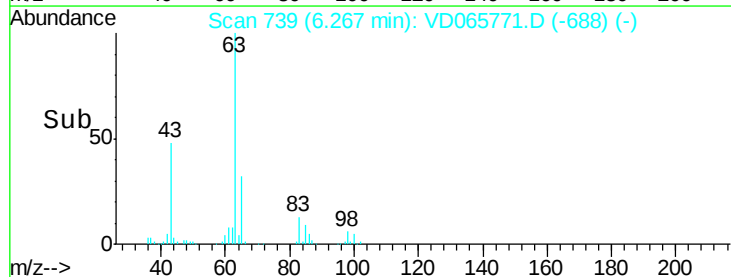
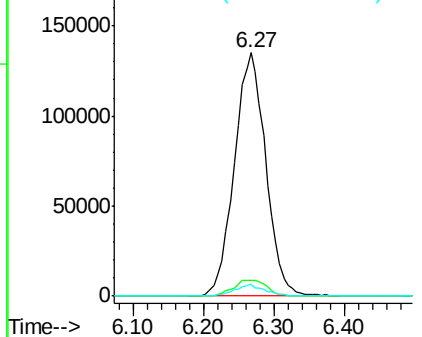
100 4.8 2.3 6.9

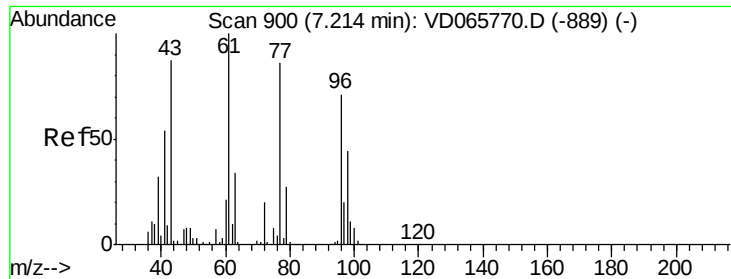


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 497.41 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 309162

Ion Ratio Lower Upper

43 100

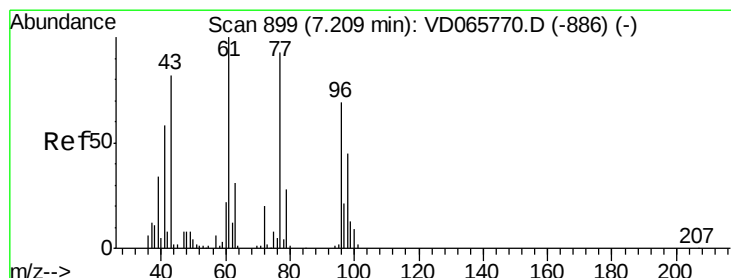
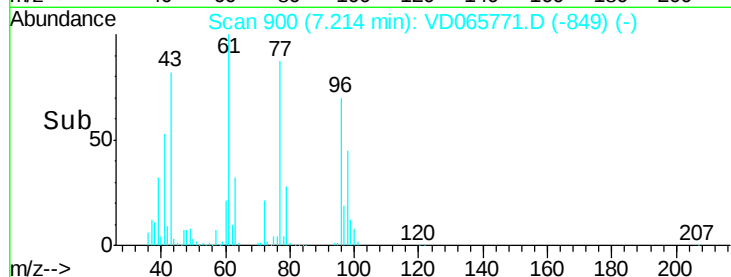
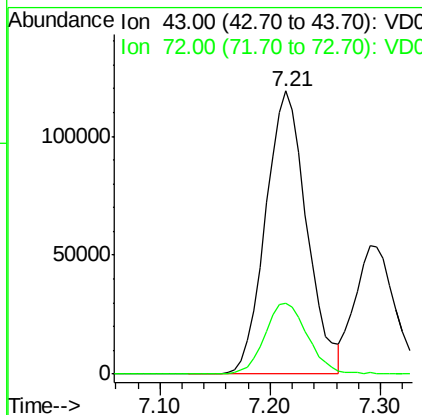
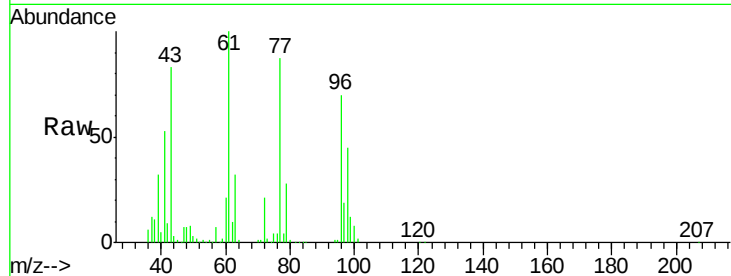
72 25.1 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 91.33 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD065771.D

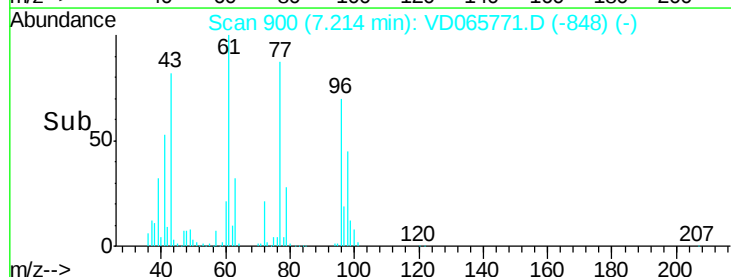
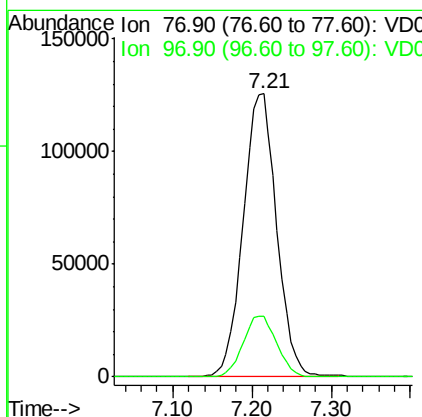
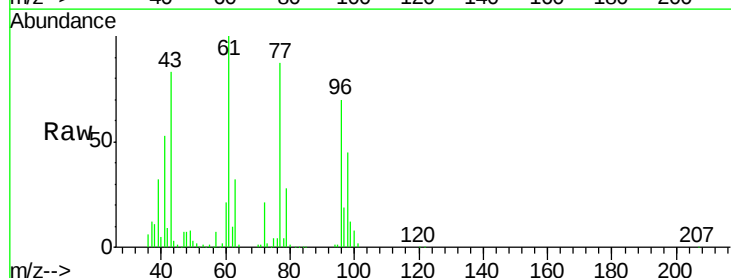
Acq: 05 Jun 2020 12:18

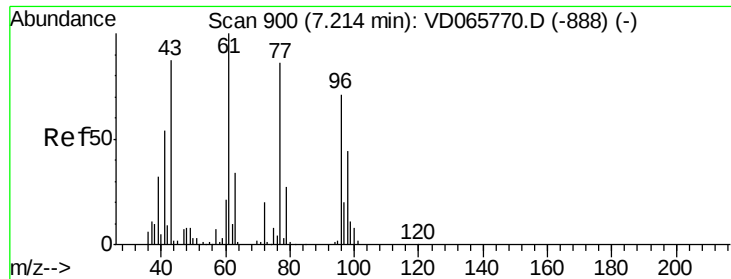
Tgt Ion: 77 Resp: 369582

Ion Ratio Lower Upper

77 100

97 21.7 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 95.72 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

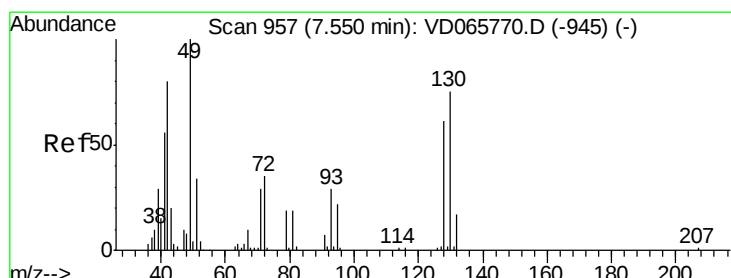
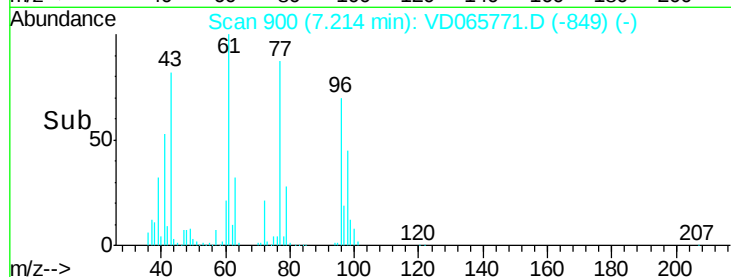
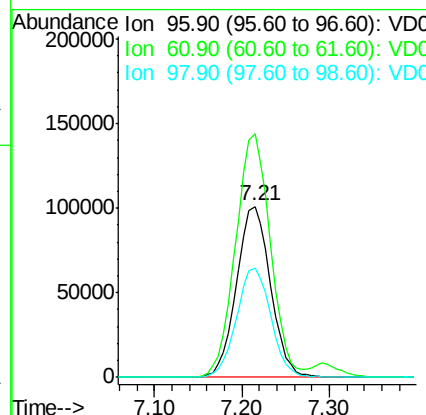
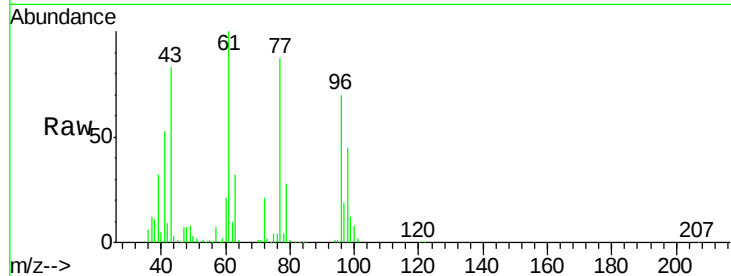
ClientSampleId :

VSTDIC100

Tgt Ion:	96	Resp:	265958
Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	291.2
98	64.6	0.0	128.8

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#28

Bromochloromethane

Concen: 101.01 ug/l

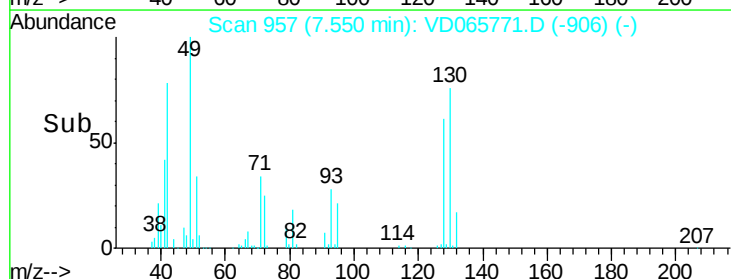
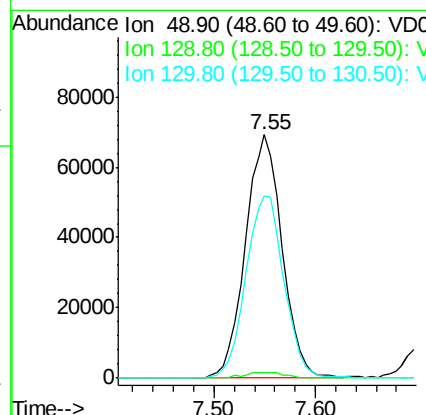
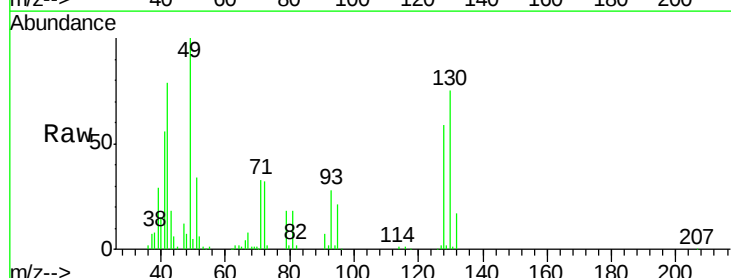
RT: 7.55 min Scan# 957

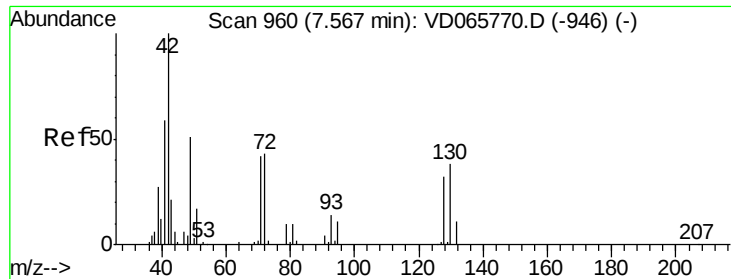
Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Tgt Ion:	49	Resp:	173509
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	77.9	59.5	89.3





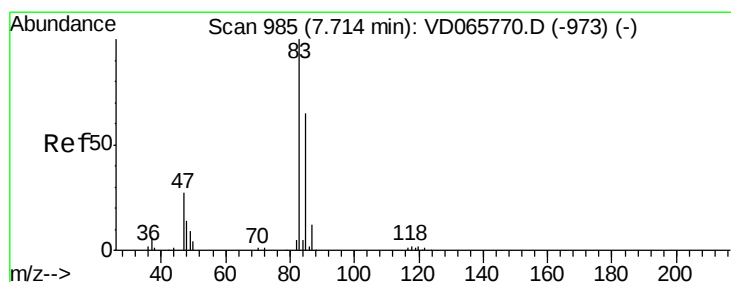
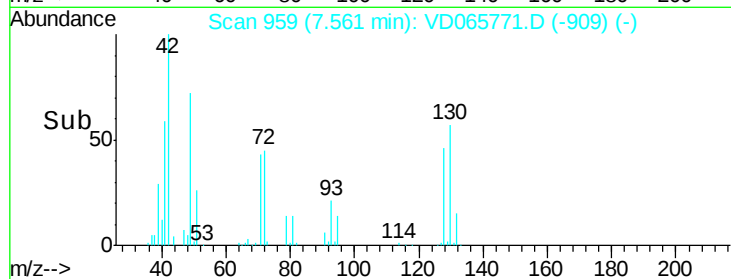
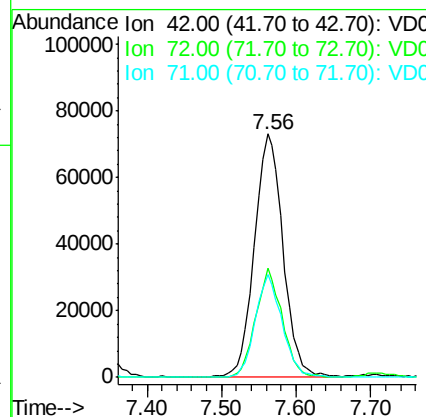
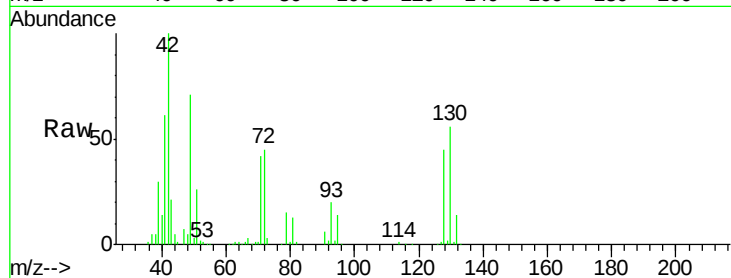
#29
Tetrahydrofuran
Concen: 499.79 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.3	34.9	52.3
71	39.6	31.2	46.8

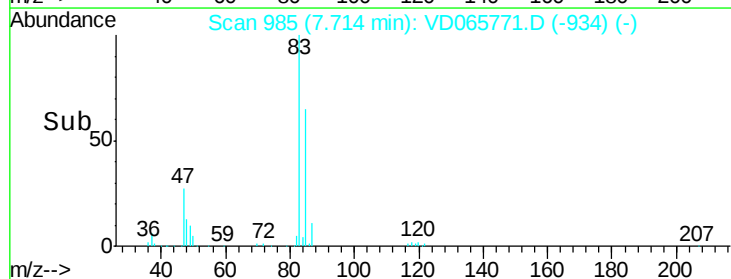
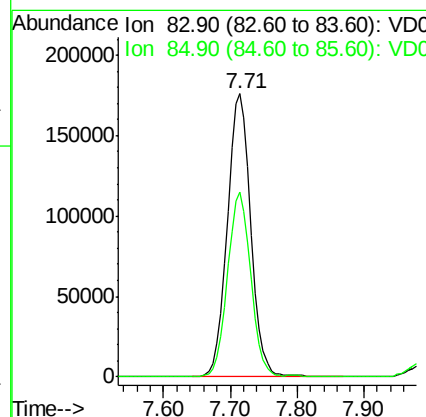
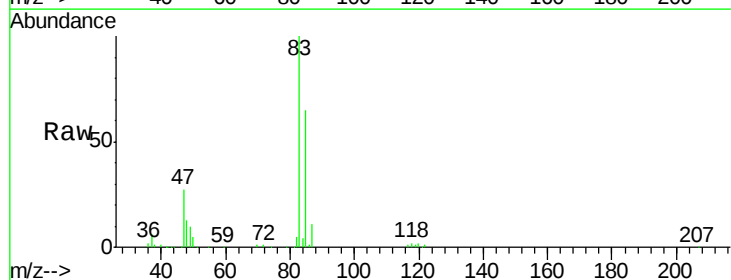
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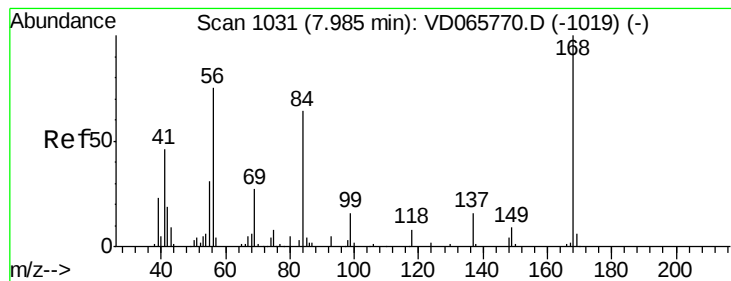
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#30
Chloroform
Concen: 92.93 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.9	77.9





#31

Cyclohexane

Concen: 83.44 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 56 Resp: 373913
Ion Ratio Lower Upper

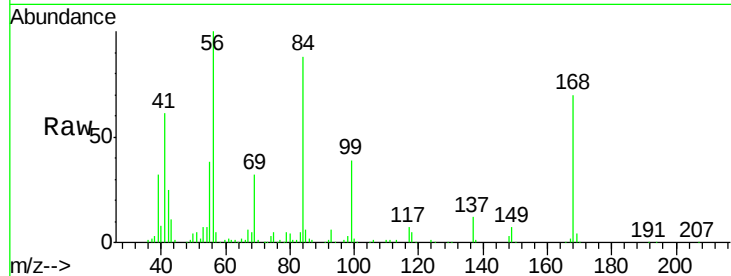
56 100

69 32.4 28.5 42.7

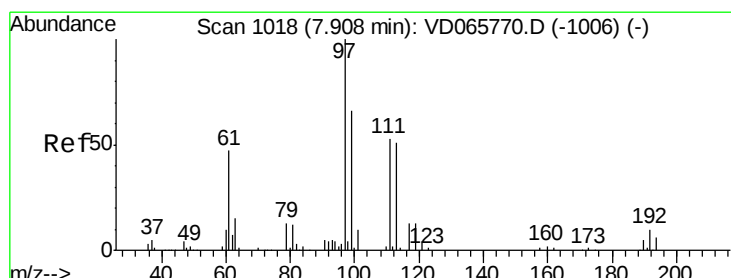
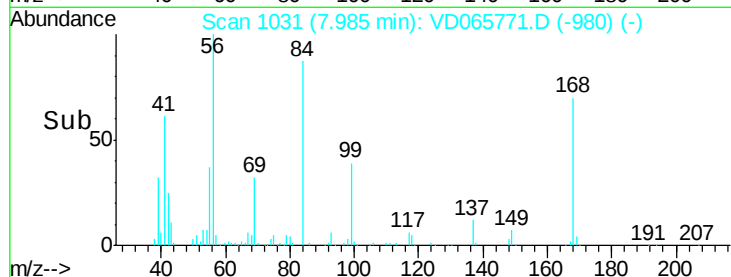
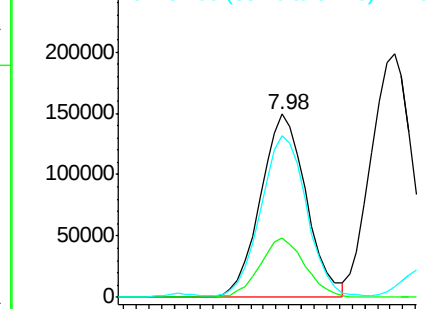
84 86.7 68.4 102.6

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Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 91.55 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065771.D

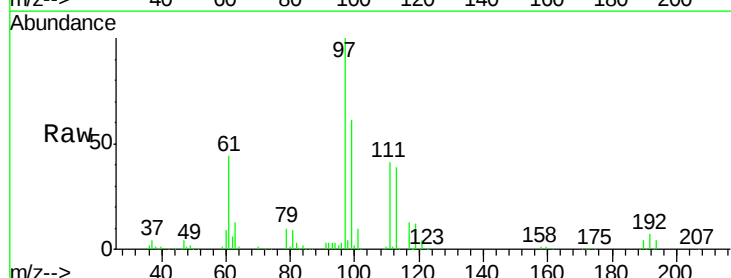
Acq: 05 Jun 2020 12:18

Tgt Ion: 97 Resp: 397246
Ion Ratio Lower Upper

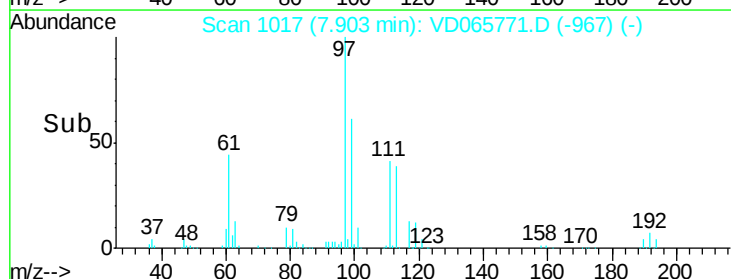
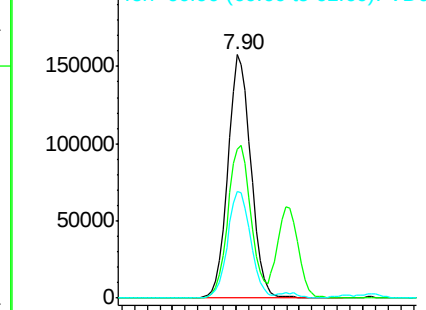
97 100

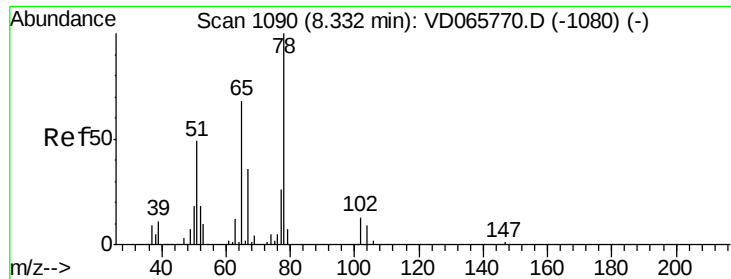
99 63.3 49.2 73.8

61 44.2 36.0 54.0



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 101.47 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 241880

Ion Ratio Lower Upper

65 100

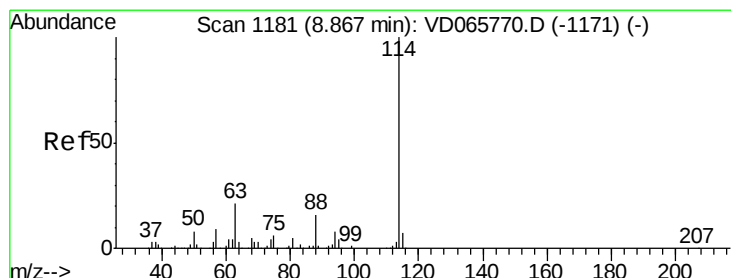
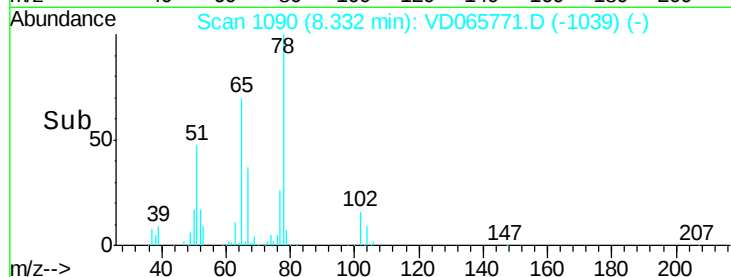
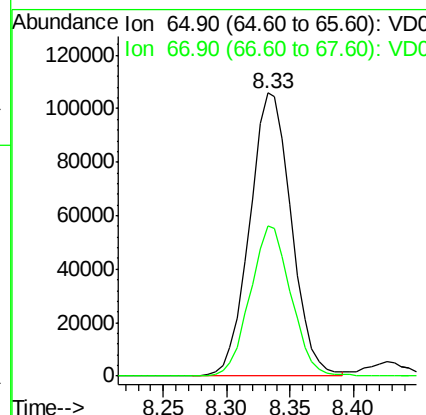
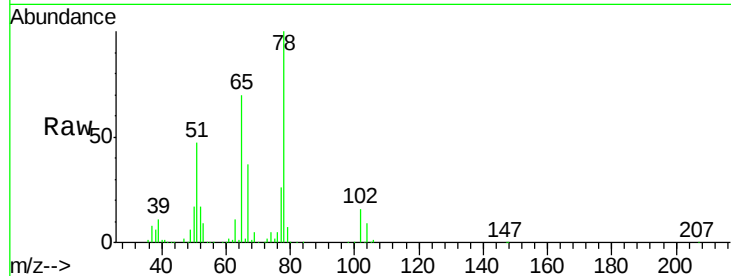
67 52.1 0.0 103.6

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

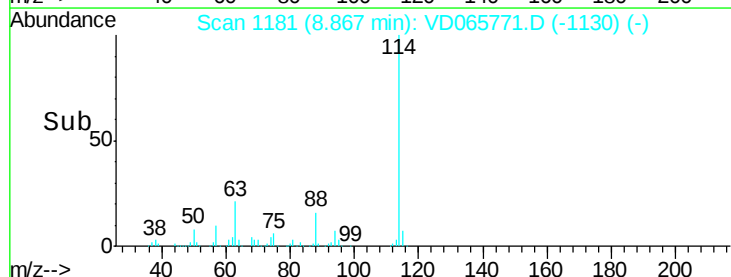
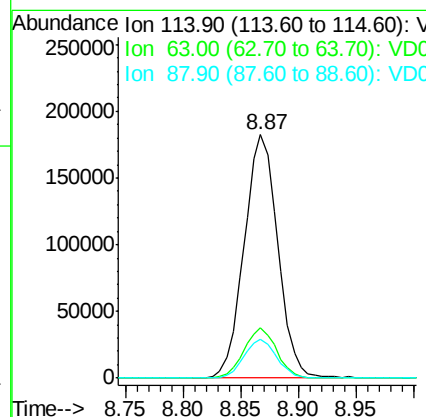
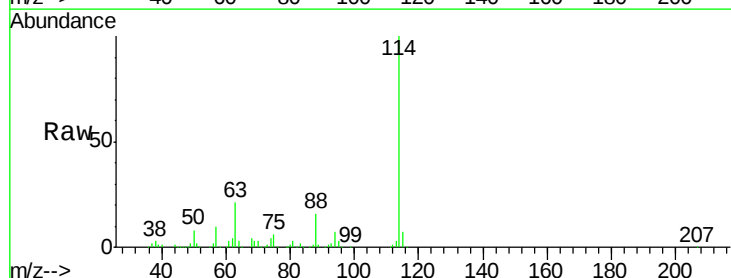
Tgt Ion: 114 Resp: 369464

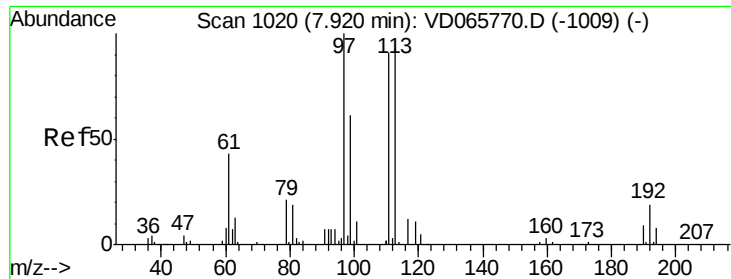
Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.8

88 15.8 0.0 32.0





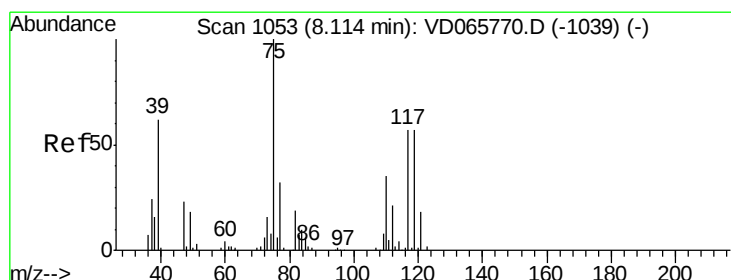
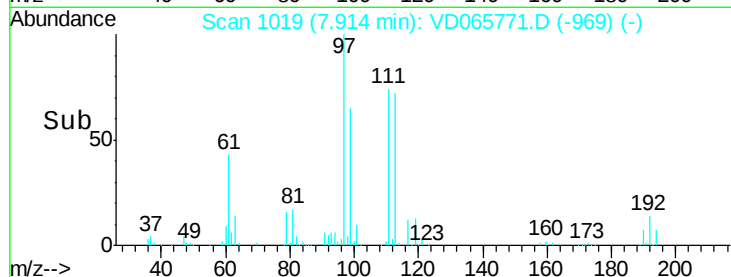
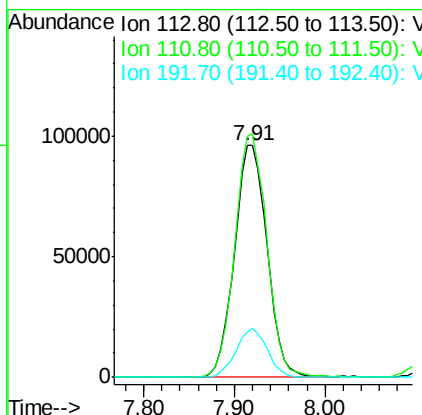
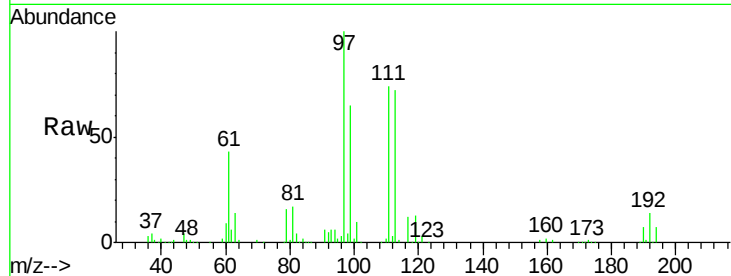
#35
 Dibromofluoromethane
 Concen: 102.79 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065771.D
 Acq: 05 Jun 2020 12:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	240725		
111	103.3	83.4	125.0	
192	20.4	15.7	23.5	

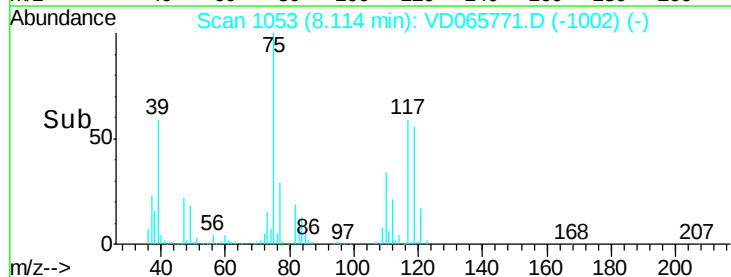
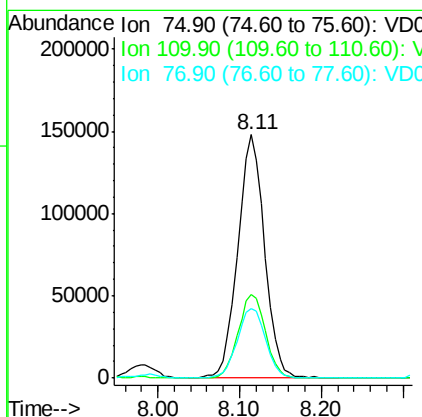
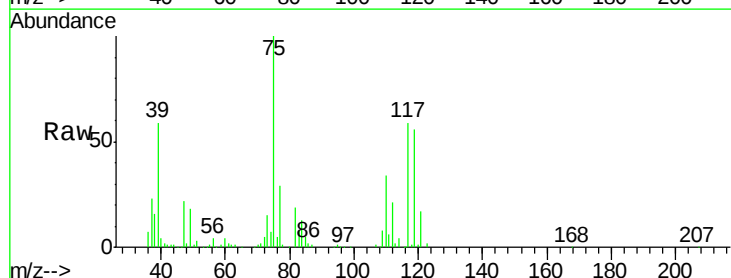
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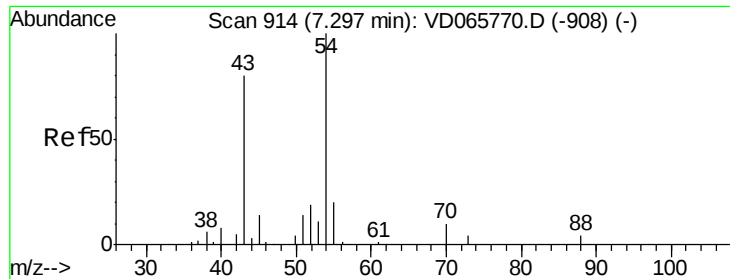
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#36
 1,1-Dichloropropene
 Concen: 92.36 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065771.D
 Acq: 05 Jun 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	335483		
110	35.4	17.6	52.8	
77	30.8	25.1	37.7	





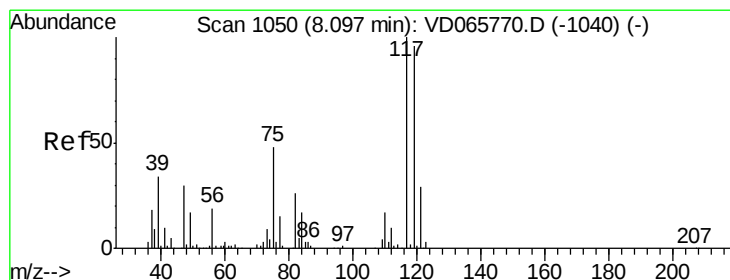
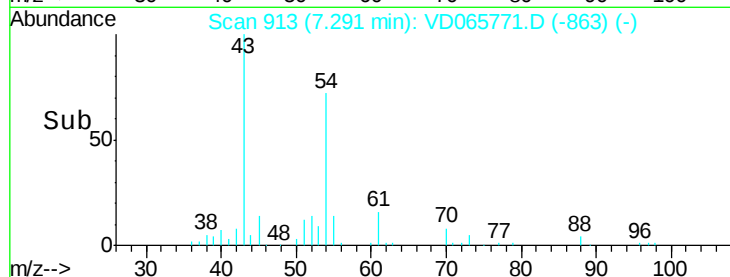
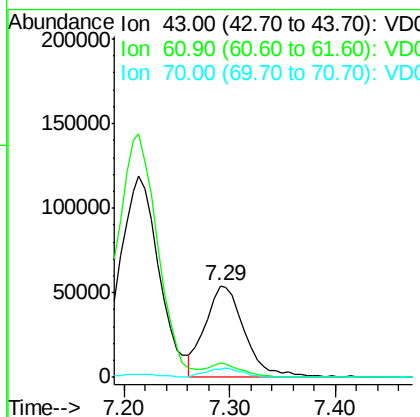
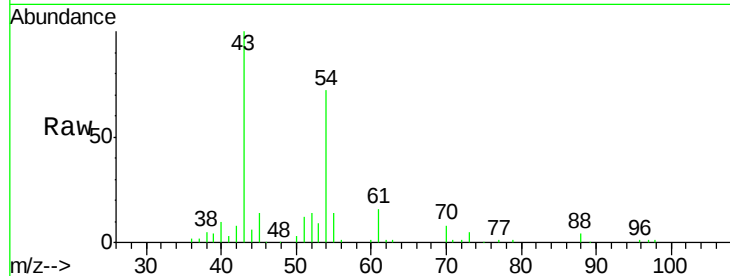
#37
Ethyl Acetate
Concen: 98.35 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.6	15.8
70	9.8	7.5	11.3

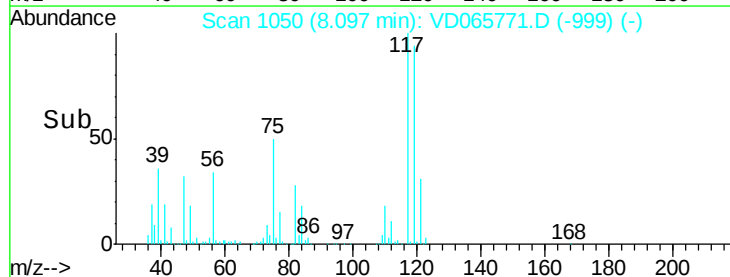
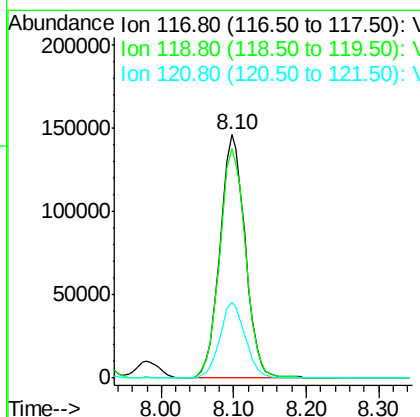
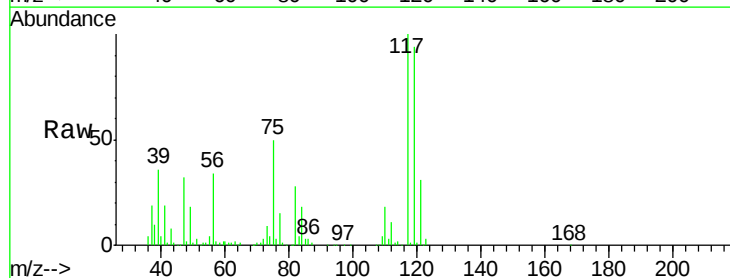
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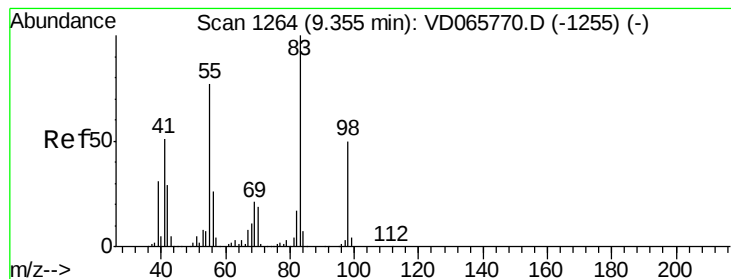
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#38
Carbon Tetrachloride
Concen: 92.40 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.8	115.2
121	31.0	23.4	35.2





#39

Methylcyclohexane

Concen: 96.58 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 407321

Ion Ratio Lower Upper

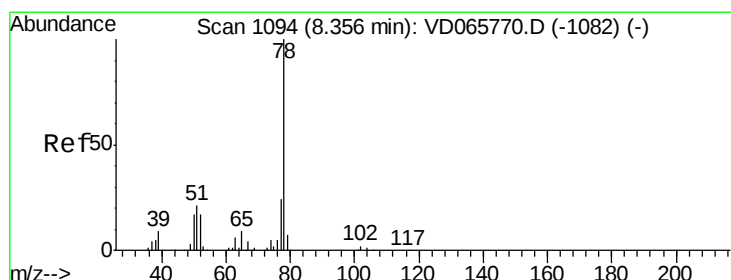
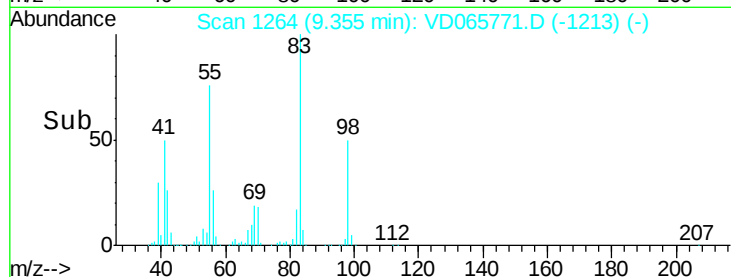
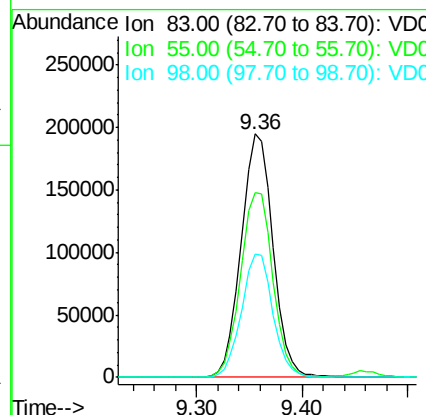
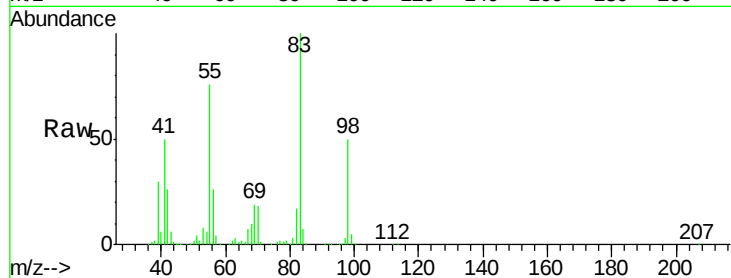
83 100

55 75.7 61.6 92.4

98 50.4 40.2 60.2

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#40

Benzene

Concen: 96.29 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. -0.00 min

Lab File: VD065771.D

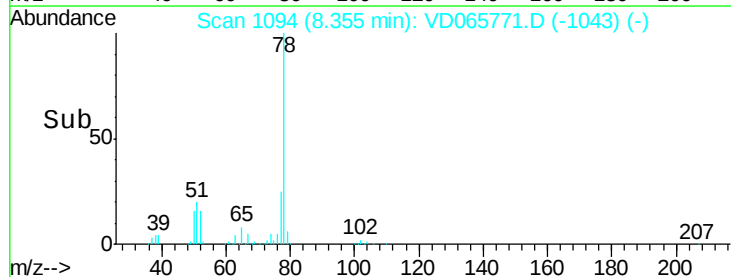
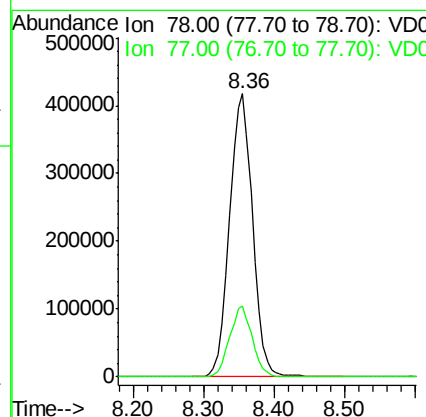
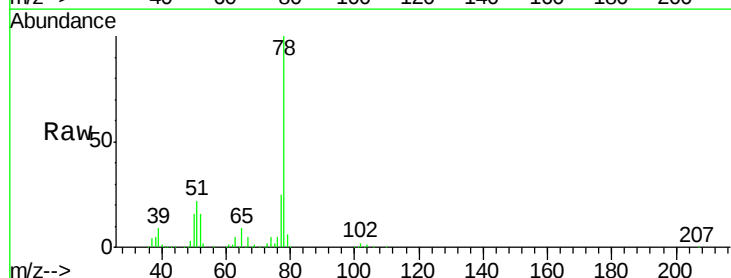
Acq: 05 Jun 2020 12:18

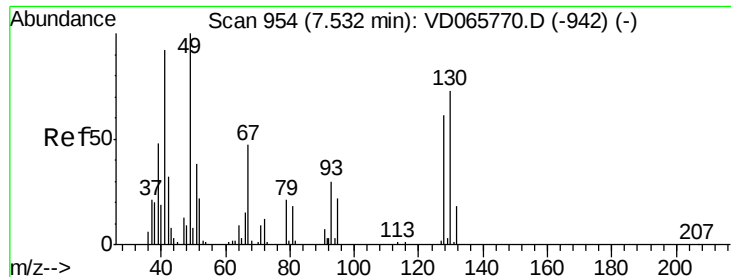
Tgt Ion: 78 Resp: 945192

Ion Ratio Lower Upper

78 100

77 25.2 19.2 28.8





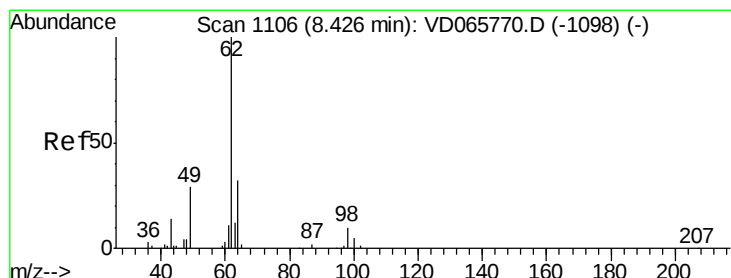
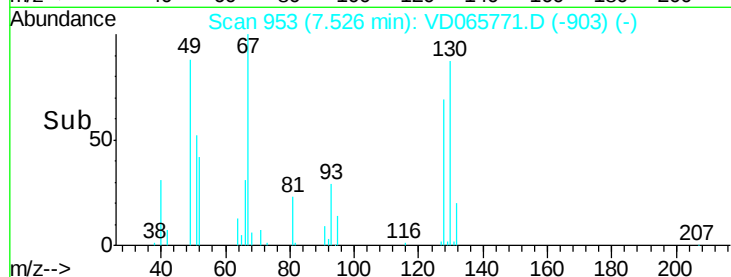
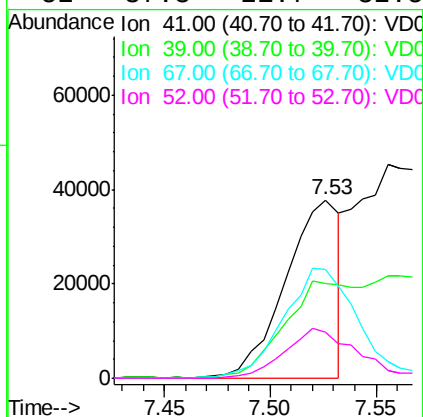
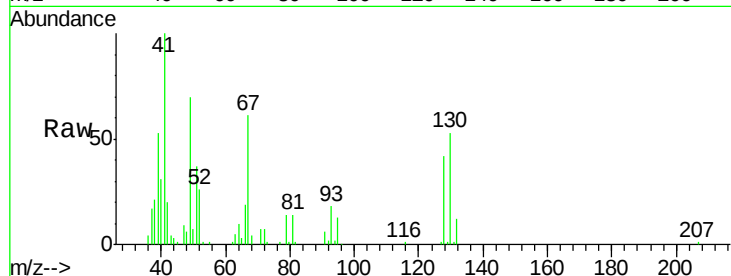
#41
Methacrylonitrile
Concen: 77.29 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
41	100		
39	76.2	38.3	57.5#
67	83.0	49.8	74.6#
52	37.3	21.7	32.5#

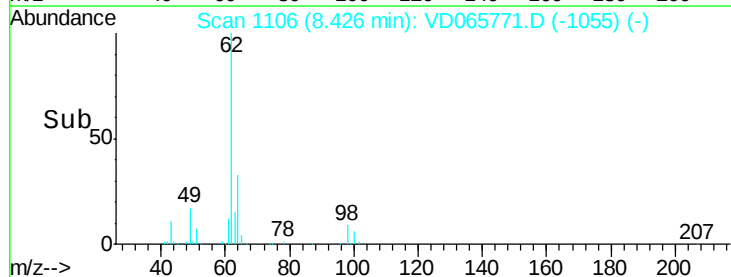
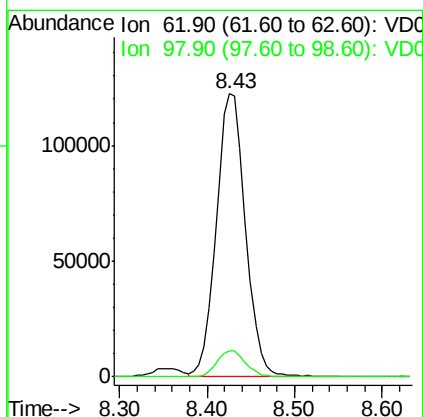
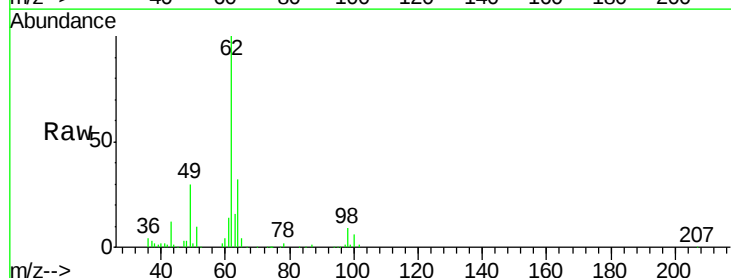
Manual Integrations
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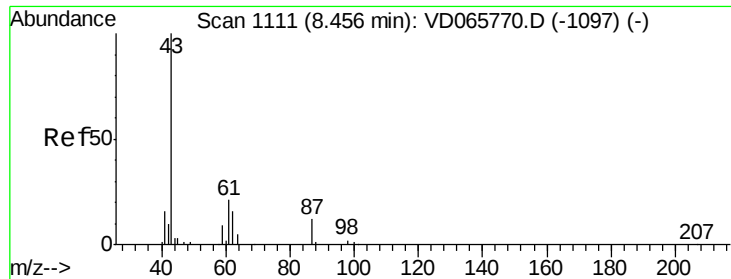
MMDadoda
6/5/2020 4:12:46 PM



#42
1,2-Dichloroethane
Concen: 93.46 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6





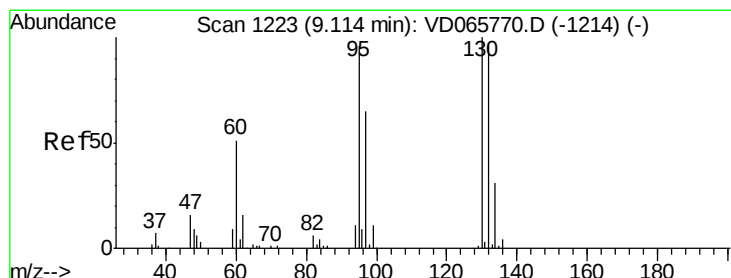
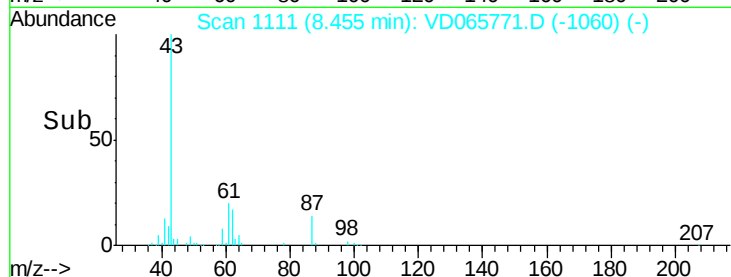
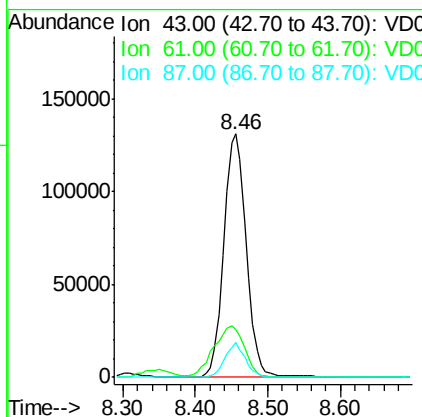
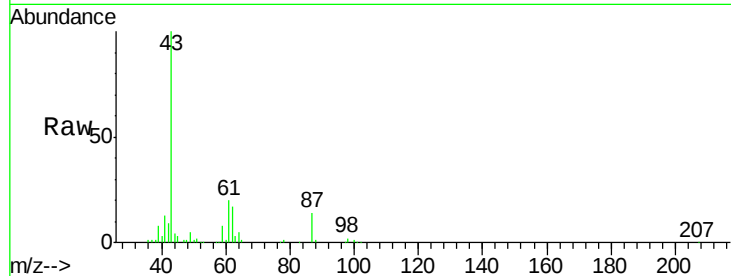
#43
Isopropyl Acetate
Concen: 100.98 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.1	24.2	36.4
87	12.9	9.5	14.3

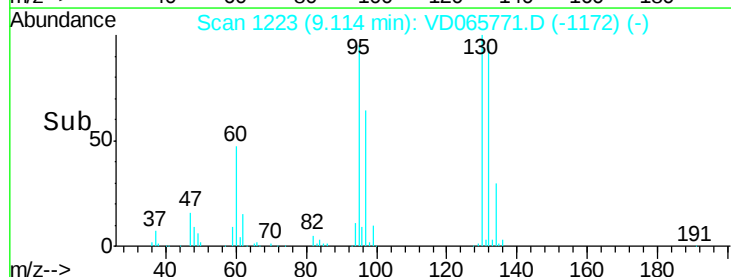
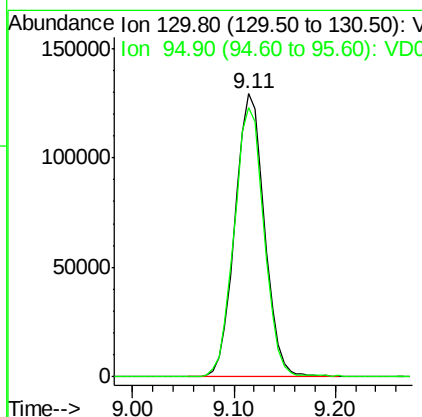
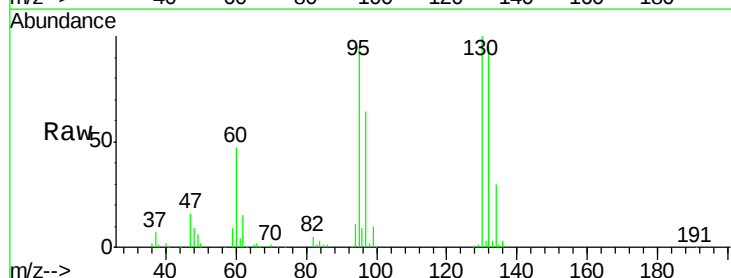
Manual Integrations
APPROVED

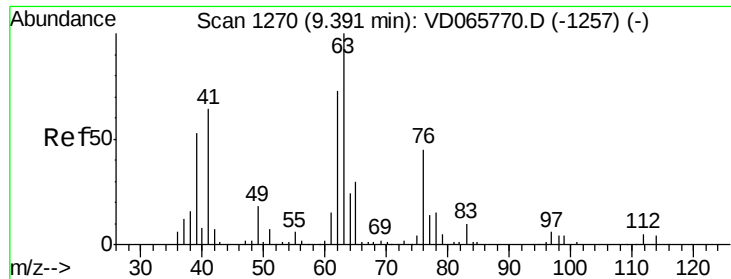
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#44
Trichloroethene
Concen: 95.85 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	192.8





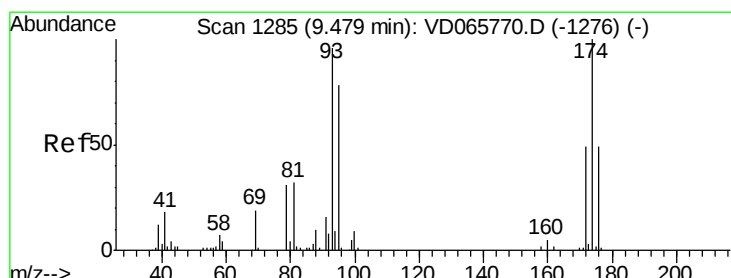
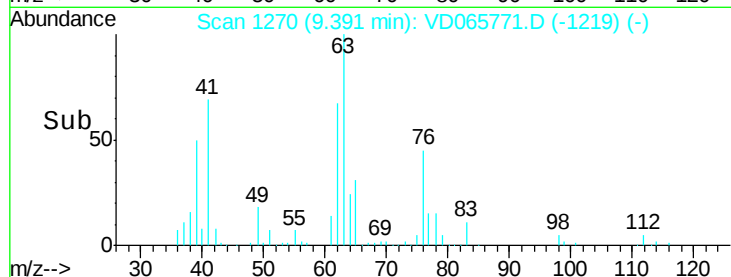
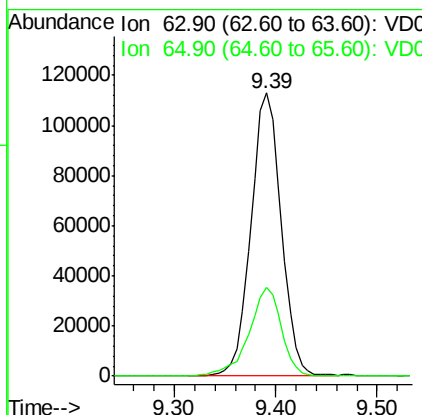
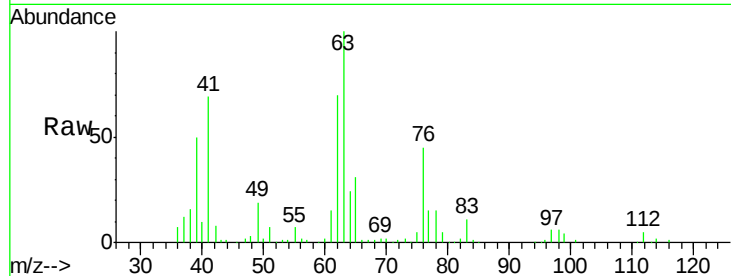
#45
 1,2-Dichloropropane
 Concen: 94.56 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065771.D
 Acq: 05 Jun 2020 12:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 63 Resp: 234645
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.2 36.2

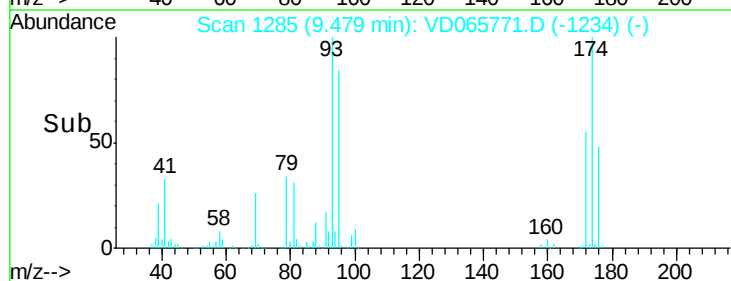
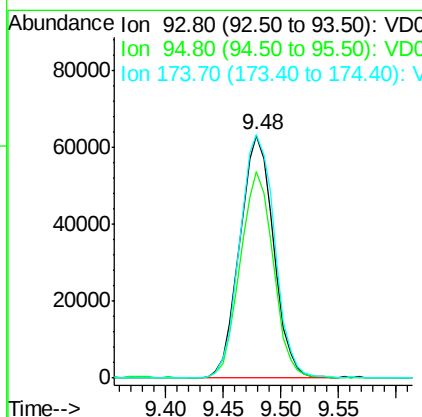
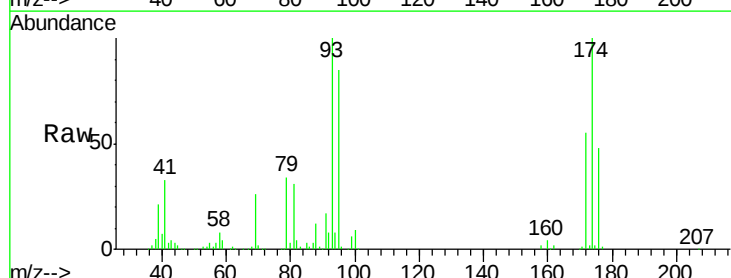
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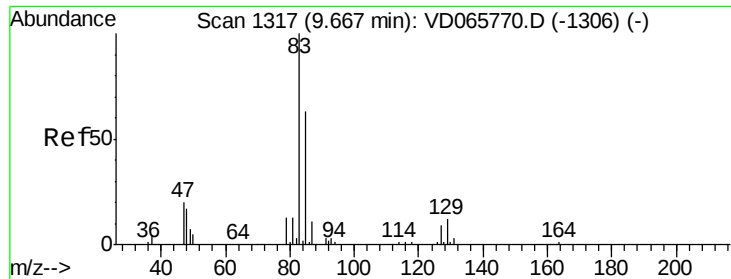
MMDadoda
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#46
 Dibromomethane
 Concen: 96.26 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065771.D
 Acq: 05 Jun 2020 12:18

Tgt Ion: 93 Resp: 128810
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.8 98.6
 174 103.5 80.9 121.3





#47

Bromodichloromethane

Concen: 94.76 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

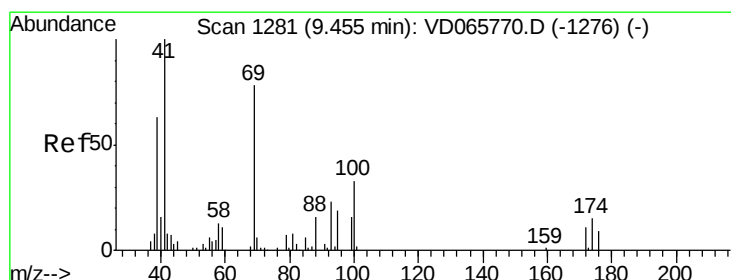
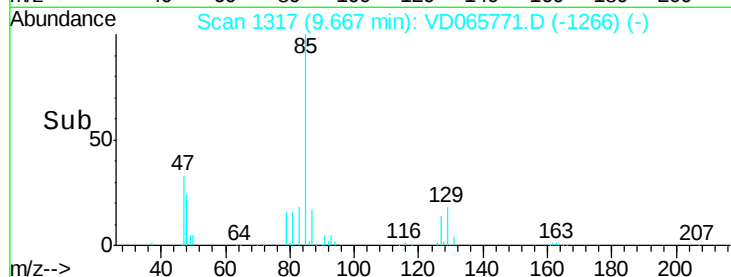
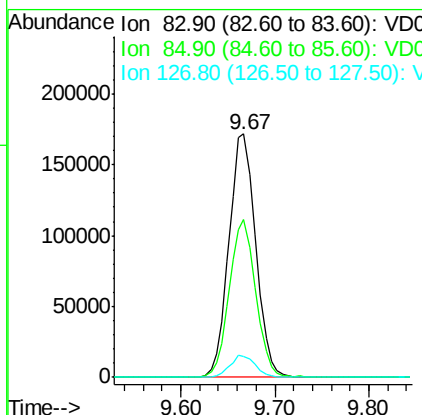
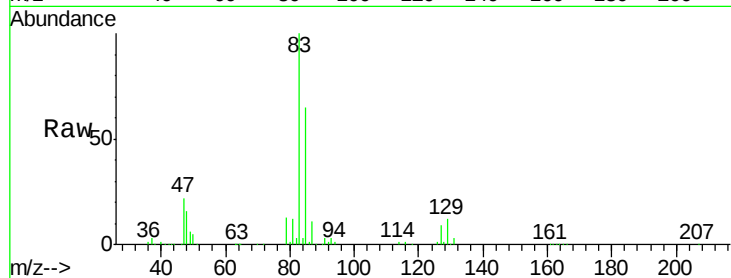
ClientSampleId :

VSTDIC100

Tgt Ion:	83	Resp:	341470
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.7	76.1
127	8.7	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 94.30 ug/l

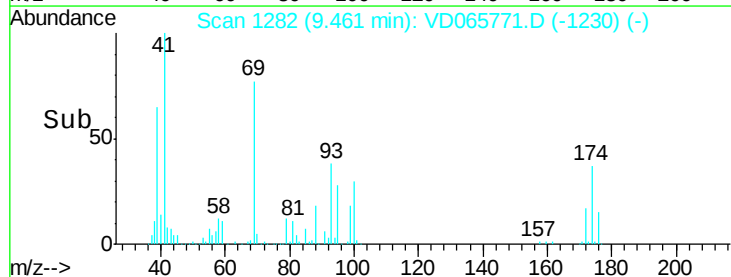
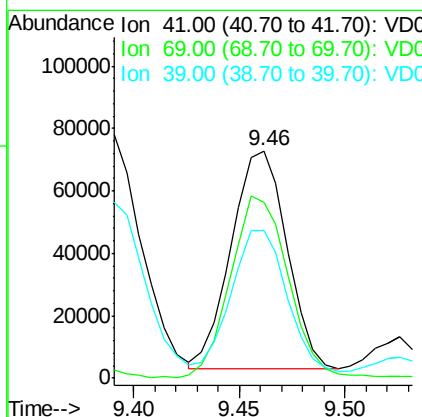
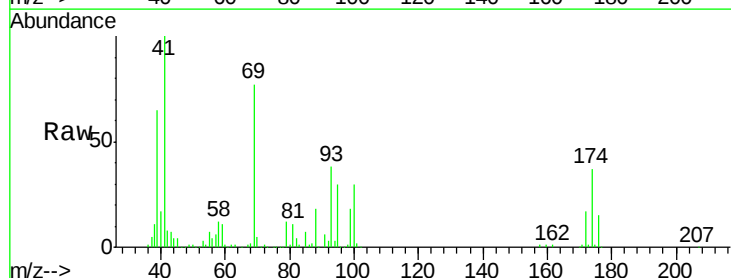
RT: 9.46 min Scan# 1282

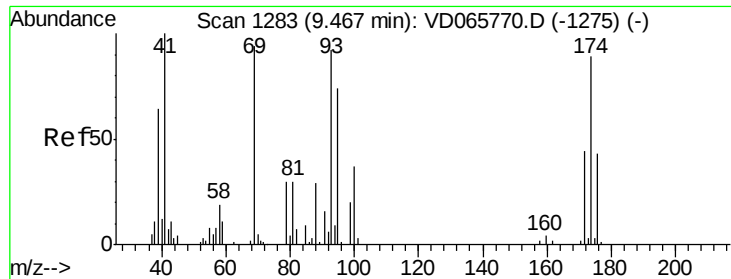
Delta R.T. 0.01 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Tgt Ion:	41	Resp:	127928
Ion	Ratio	Lower	Upper
41	100		
69	85.5	60.9	91.3
39	64.4	48.1	72.1





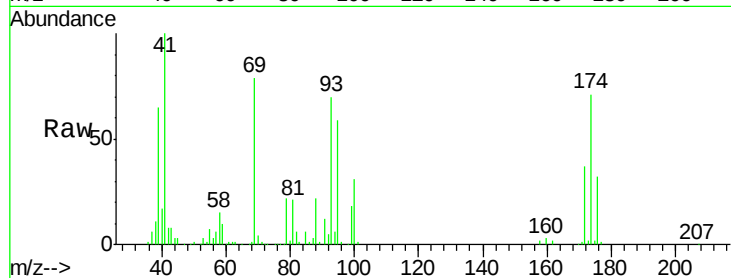
#49
1,4-Dioxane
Concen: 2045.83 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

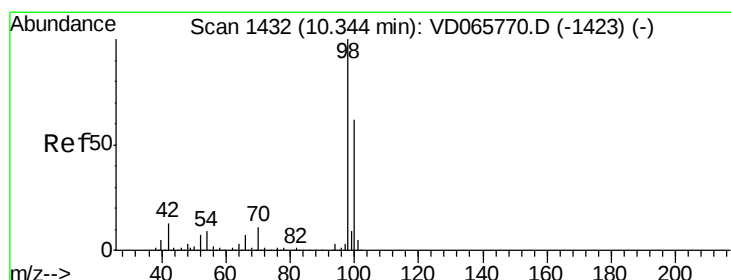
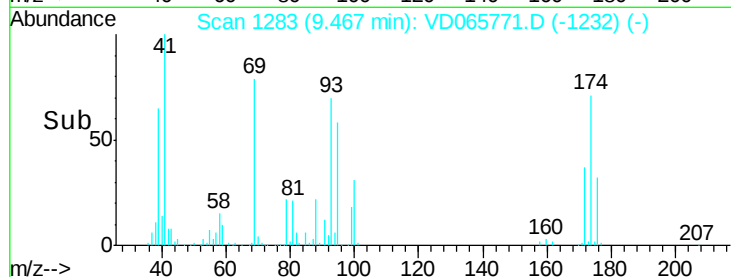
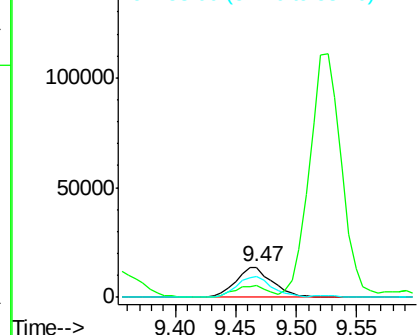
Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.3	32.2	48.4
58	67.7	54.9	82.3

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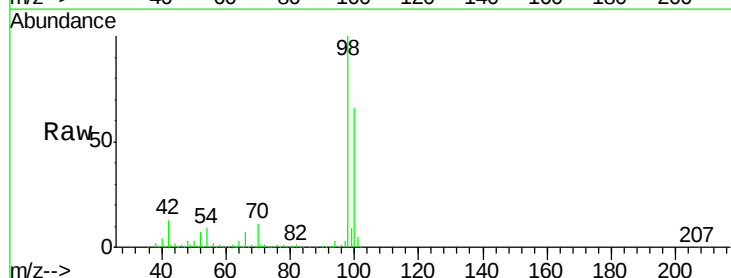


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

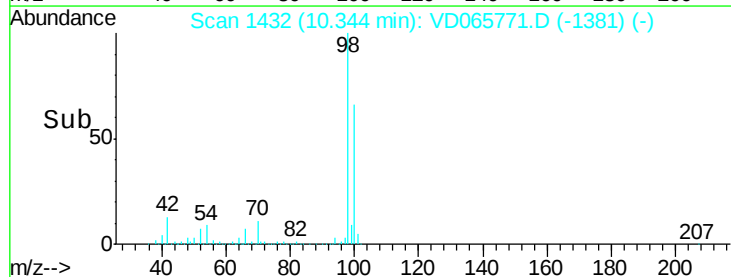
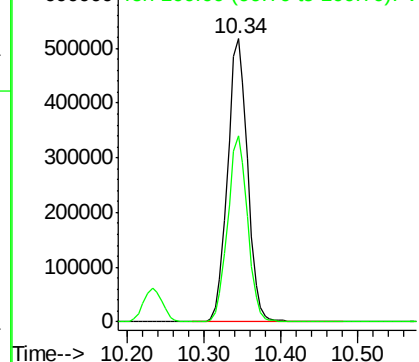


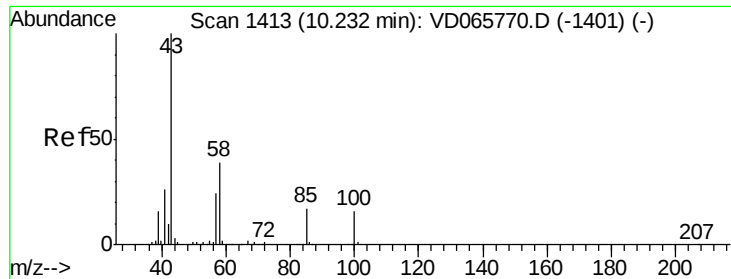
#50
Toluene-d8
Concen: 109.82 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.4	77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





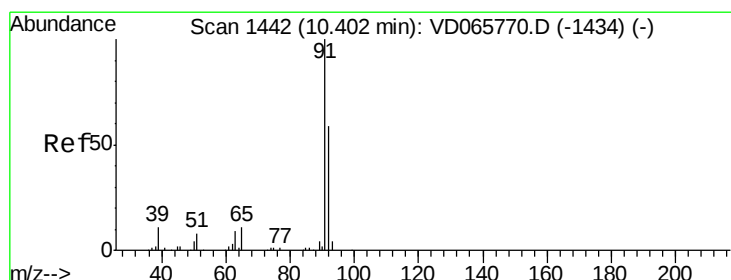
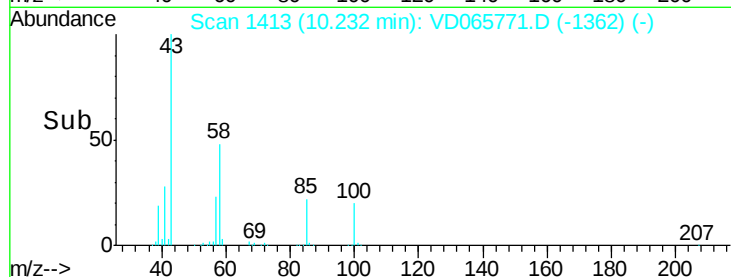
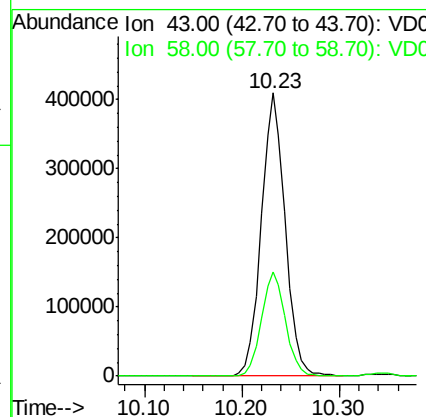
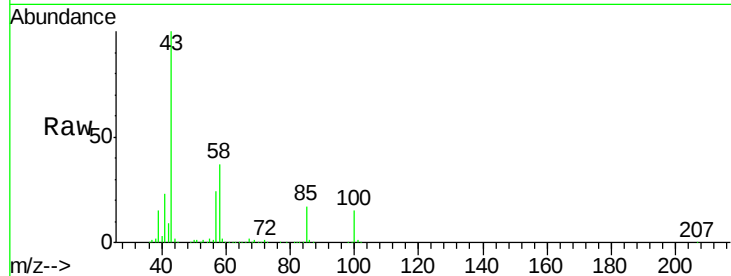
#51
4-Methyl-2-Pentanone
Concen: 520.58 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 703411
Ion Ratio Lower Upper
43 100
58 37.2 30.7 46.1

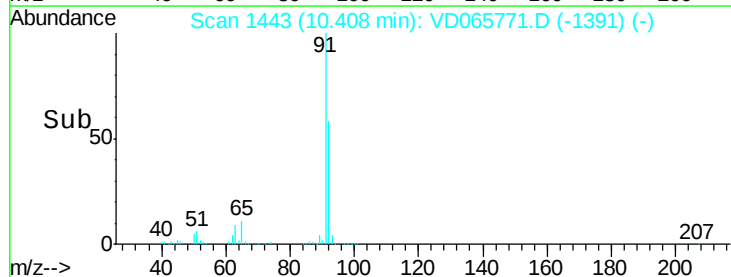
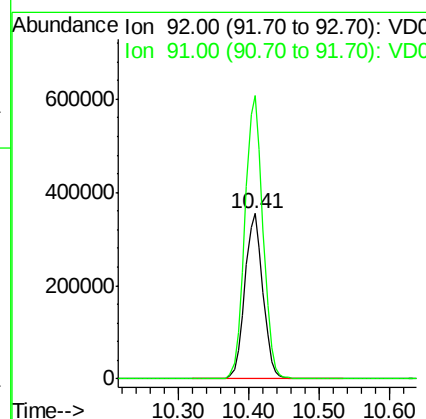
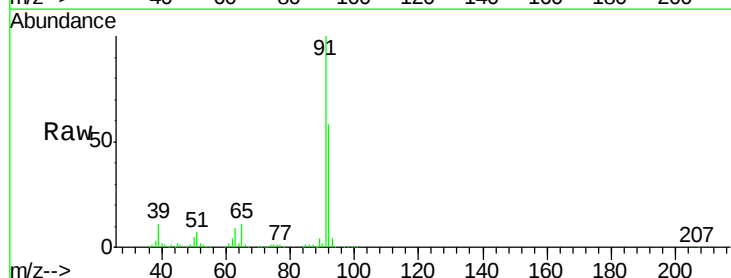
Manual Integrations
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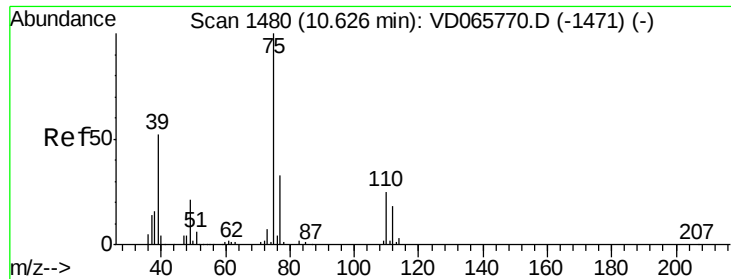
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#52
Toluene
Concen: 100.09 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.01 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion: 92 Resp: 629357
Ion Ratio Lower Upper
92 100
91 171.3 137.8 206.8





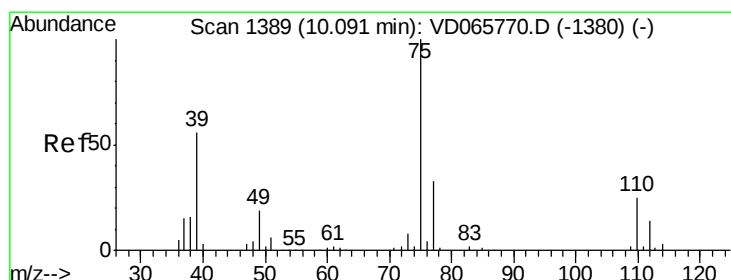
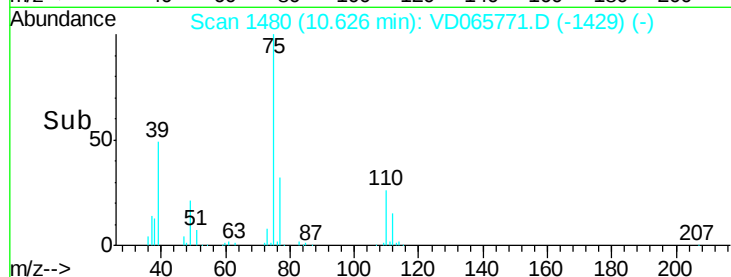
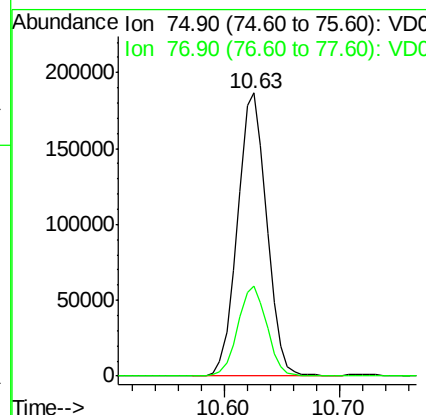
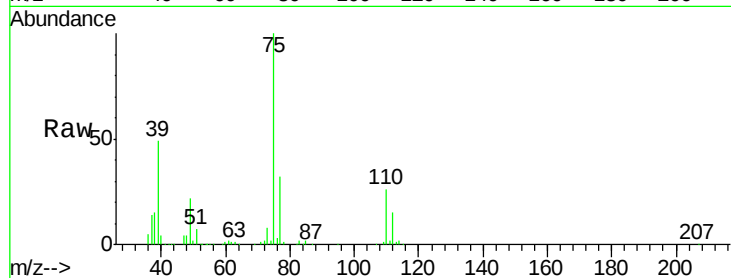
#53
t-1,3-Dichloropropene
Concen: 102.95 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 326883
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6

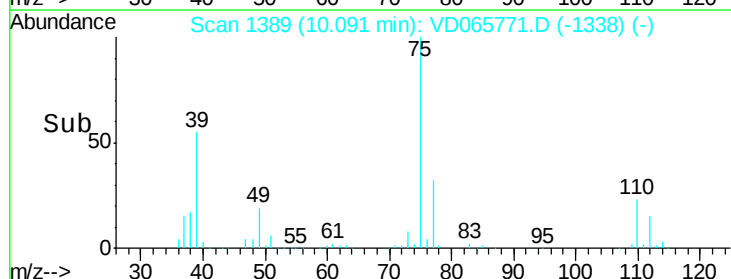
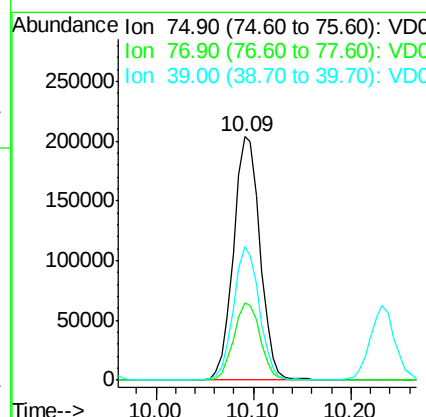
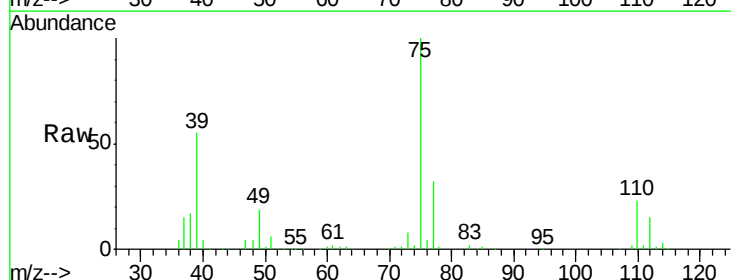
Manual Integrations
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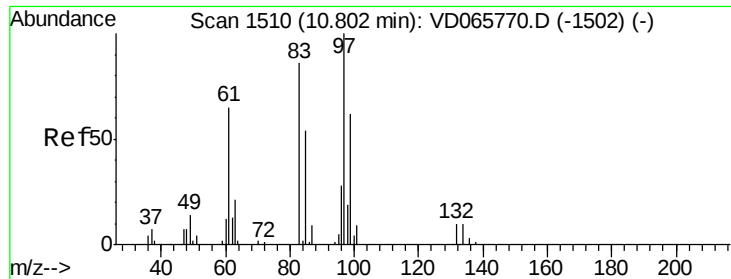
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#54
cis-1,3-Dichloropropene
Concen: 102.36 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion: 75 Resp: 385087
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
39 54.8 45.0 67.6





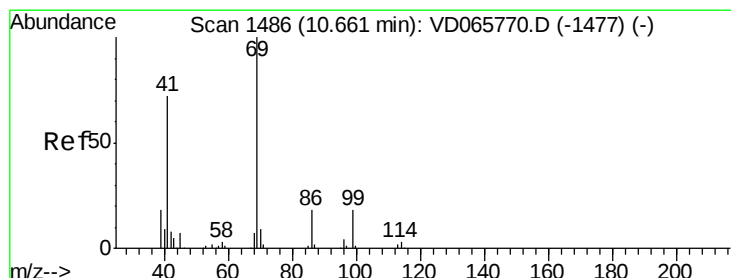
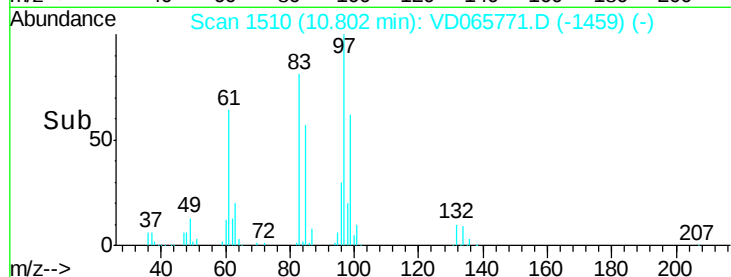
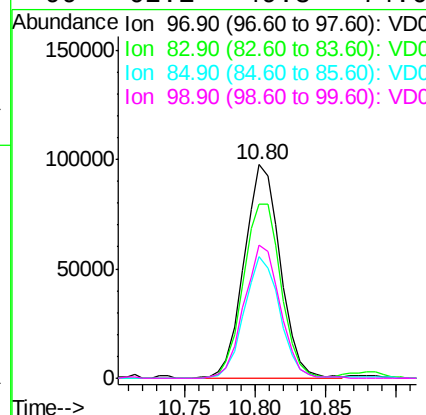
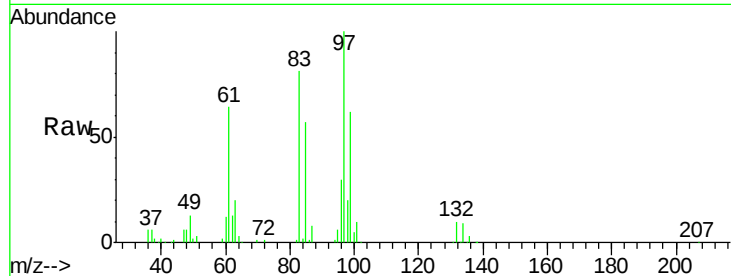
#55
 1,1,2-Trichloroethane
 Concen: 98.73 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065771.D
 Acq: 05 Jun 2020 12:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.3	68.7	103.1
85	56.6	43.0	64.6
99	62.1	49.8	74.6

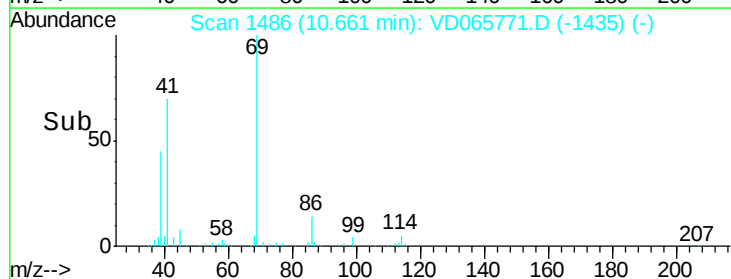
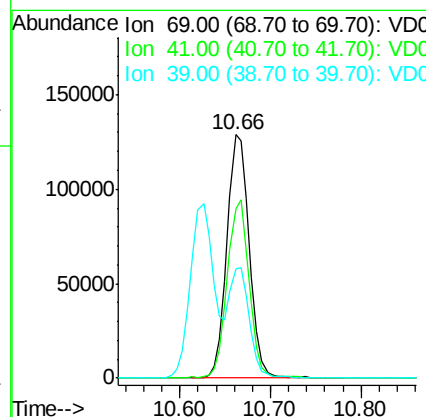
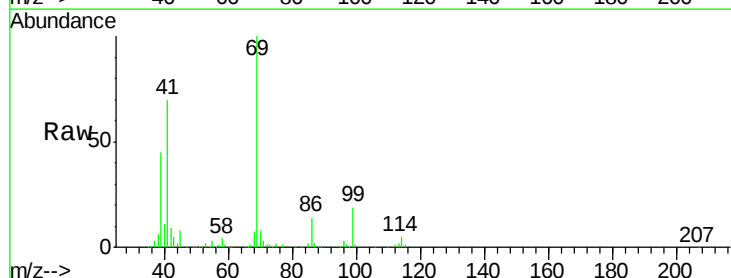
Manual Integrations
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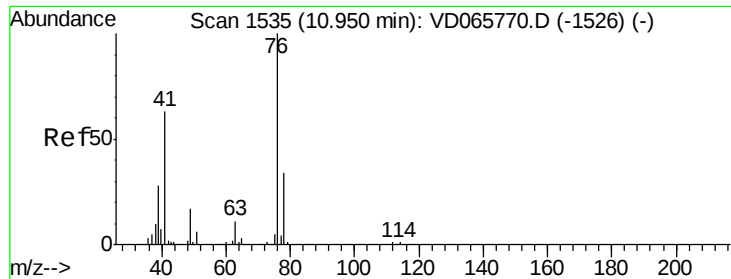
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 109.07 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065771.D
 Acq: 05 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.3	56.9	85.3
39	40.0	36.0	54.0





#57

1,3-Dichloropropane

Concen: 99.26 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 305601

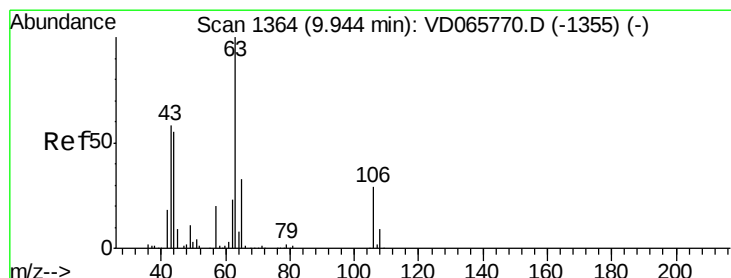
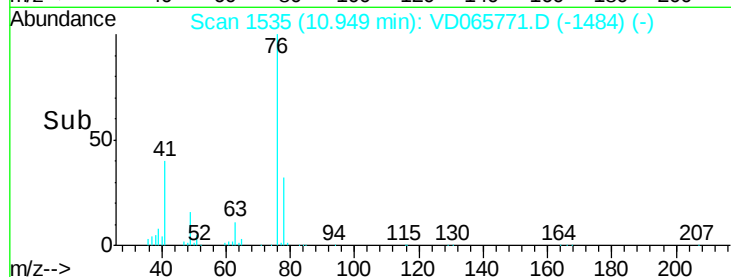
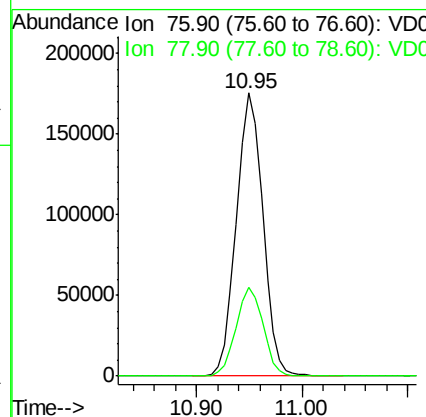
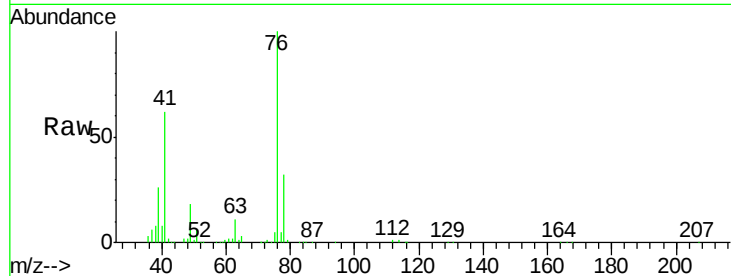
Ion Ratio Lower Upper

76 100

78 31.9 26.3 39.5

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#58

2-Chloroethyl Vinyl ether

Concen: 546.42 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD065771.D

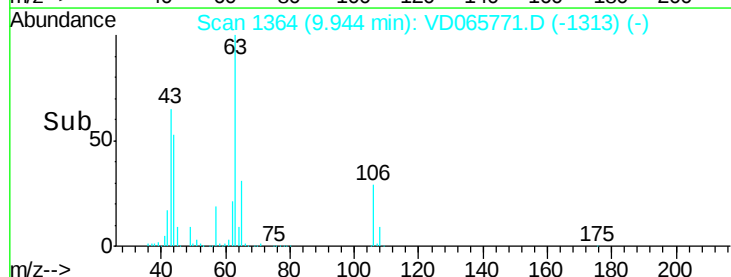
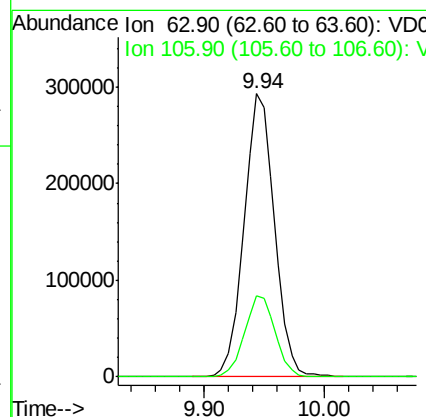
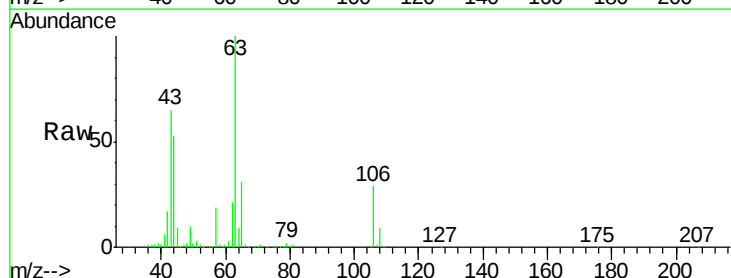
Acq: 05 Jun 2020 12:18

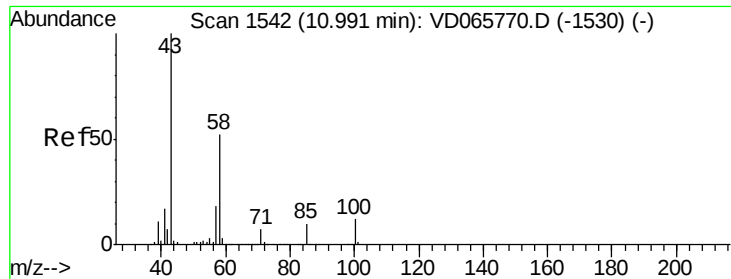
Tgt Ion: 63 Resp: 515966

Ion Ratio Lower Upper

63 100

106 29.0 23.2 34.8





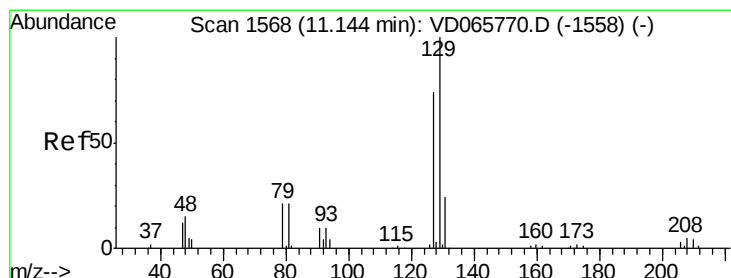
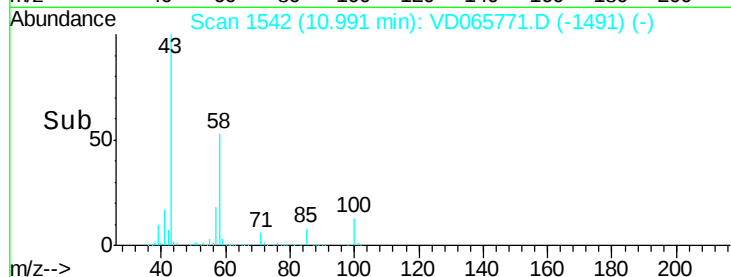
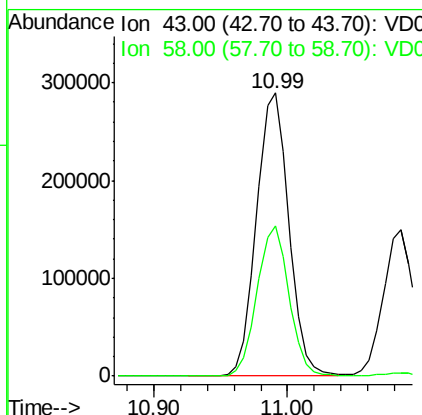
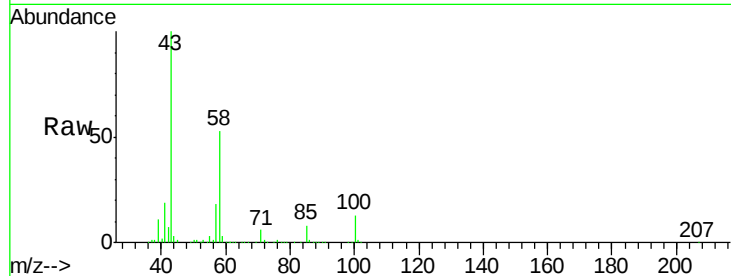
#59
2-Hexanone
Concen: 538.79 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 485220
Ion Ratio Lower Upper
43 100
58 52.7 25.7 77.0

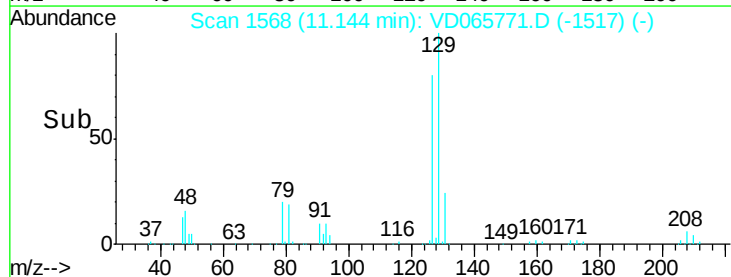
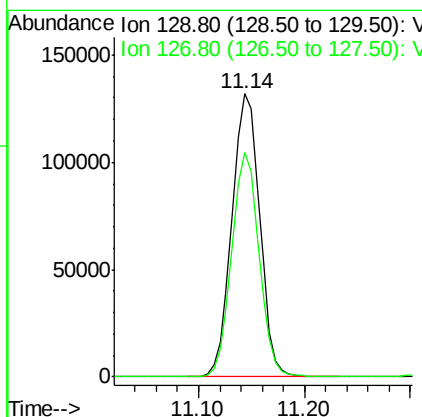
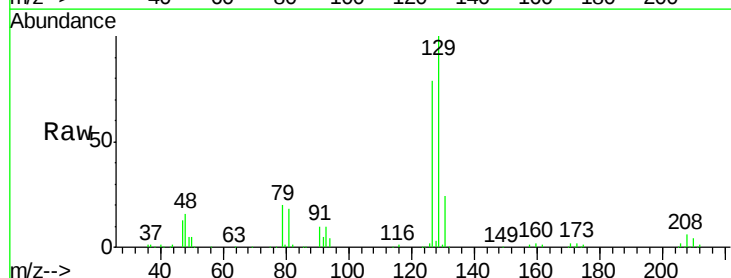
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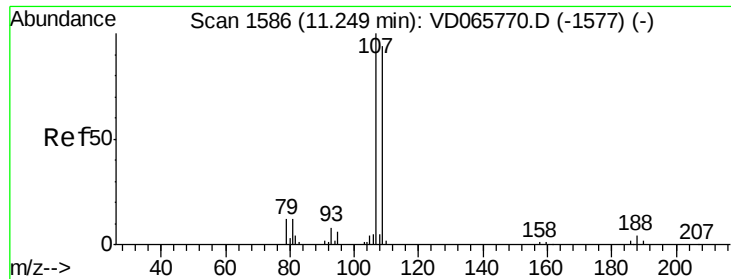
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#60
Dibromochloromethane
Concen: 100.25 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion: 129 Resp: 239722
Ion Ratio Lower Upper
129 100
127 78.0 38.0 113.9





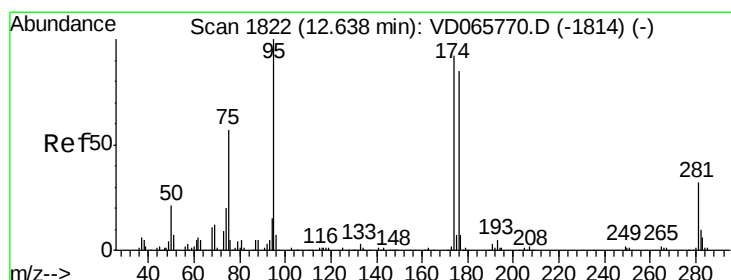
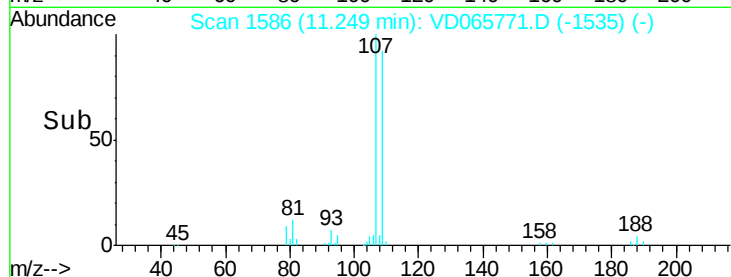
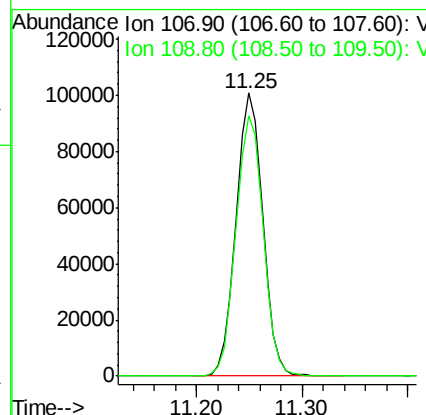
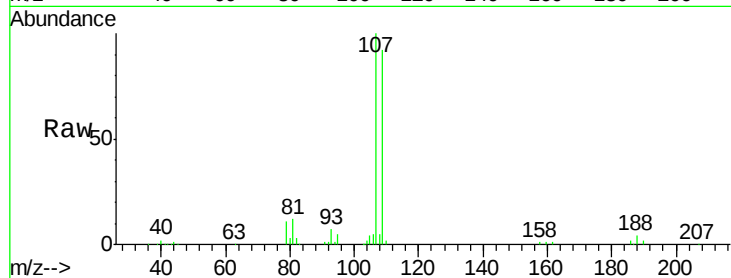
#61
1,2-Dibromoethane
Concen: 101.74 ug/l
RT: 11.25 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 107 Resp: 176127
Ion Ratio Lower Upper
107 100
109 94.1 74.4 111.6

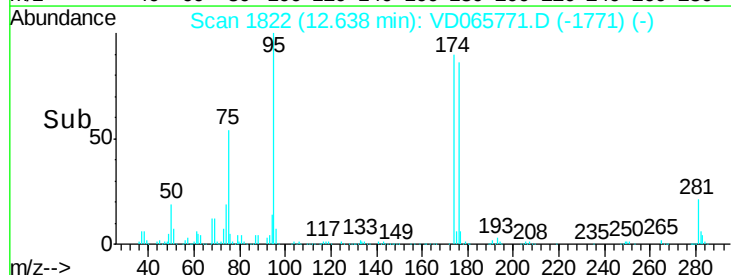
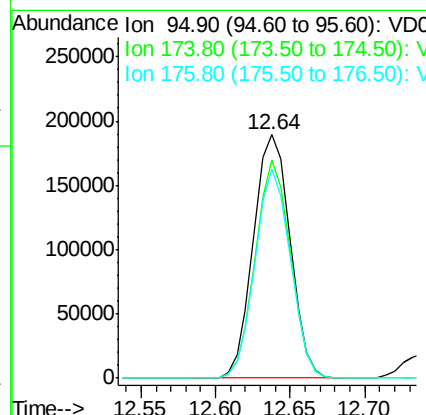
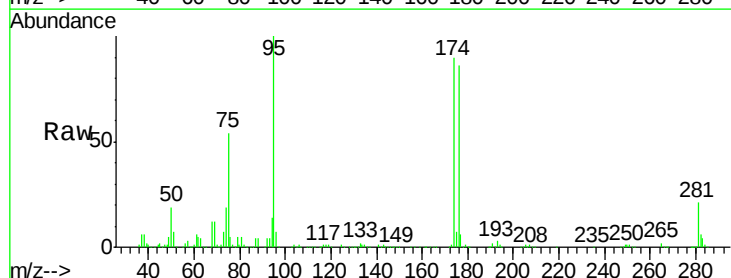
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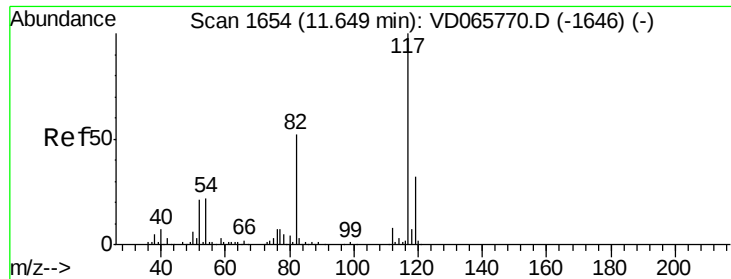
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#62
4-Bromofluorobenzene
Concen: 111.12 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion: 95 Resp: 321294
Ion Ratio Lower Upper
95 100
174 85.7 0.0 175.2
176 83.2 0.0 163.0





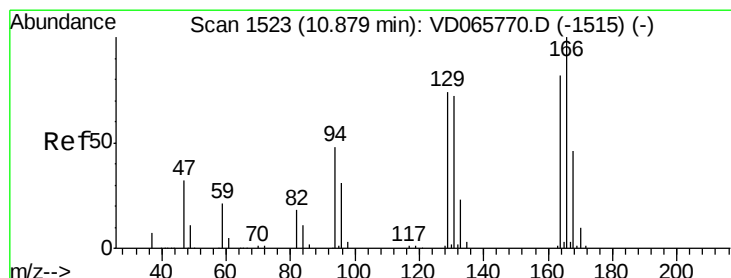
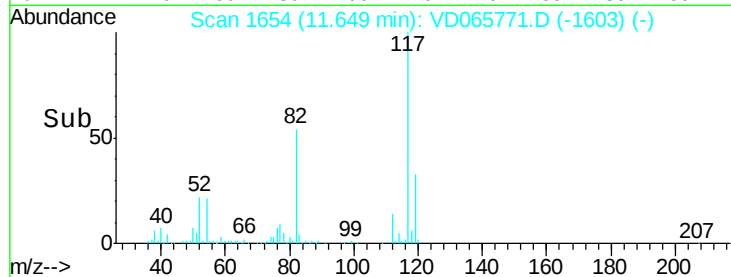
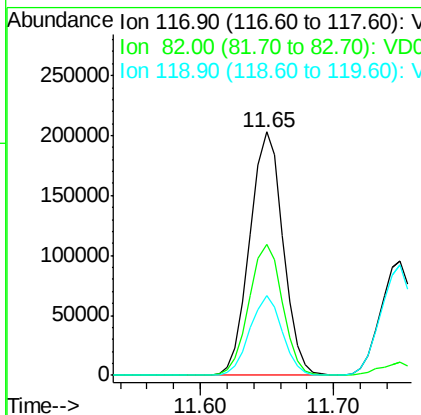
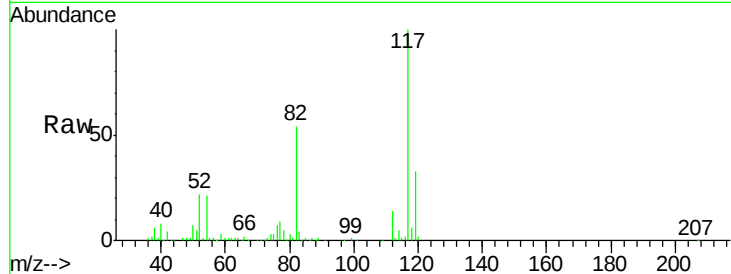
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	349180		
82	53.5	41.9	62.9	
119	32.9	25.3	37.9	

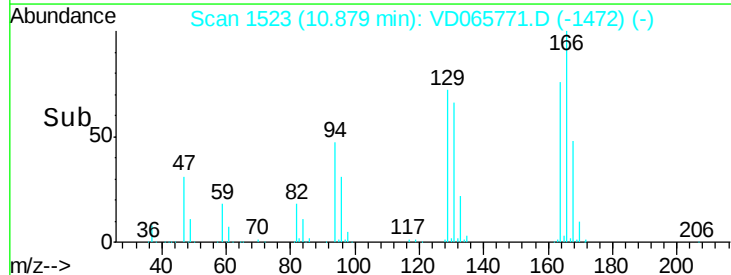
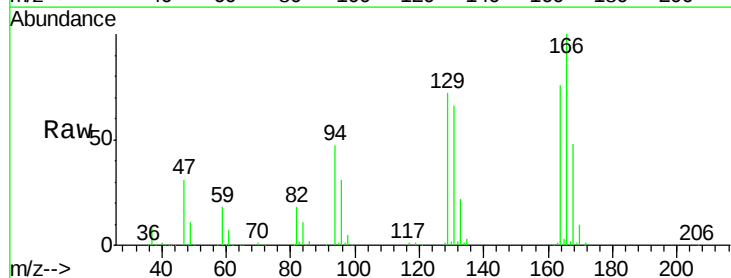
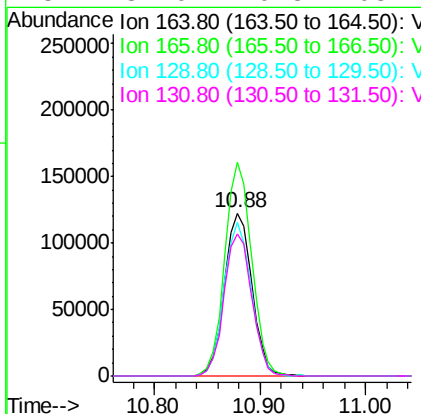
Manual Integrations
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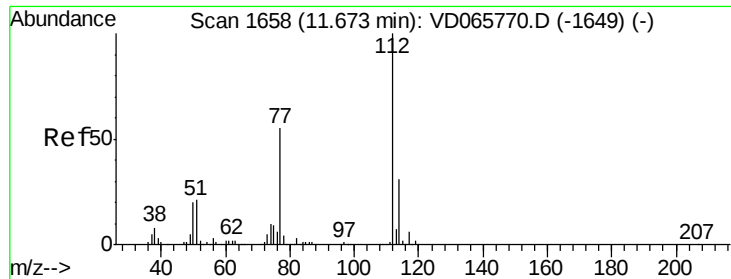
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#64
Tetrachloroethene
Concen: 91.22 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	220510		
166	130.9	98.2	147.2	
129	94.0	72.3	108.5	
131	87.0	70.5	105.7	





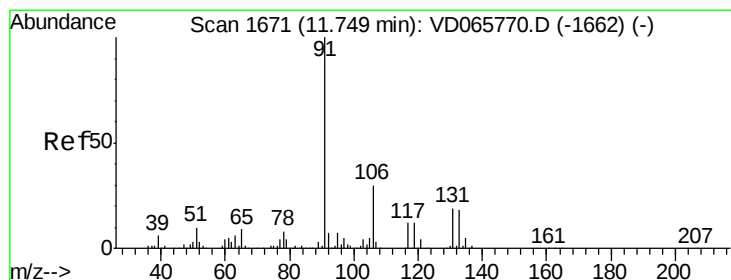
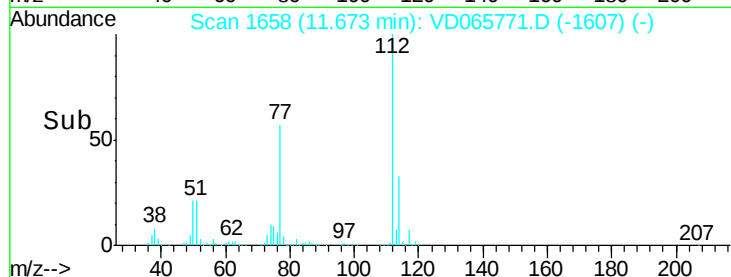
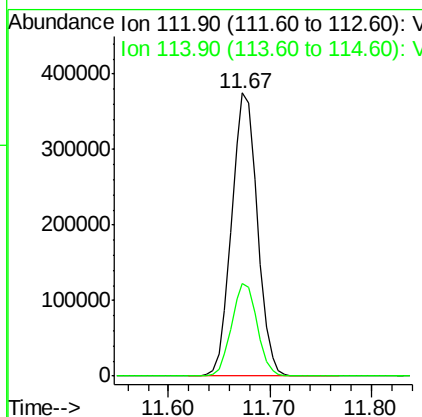
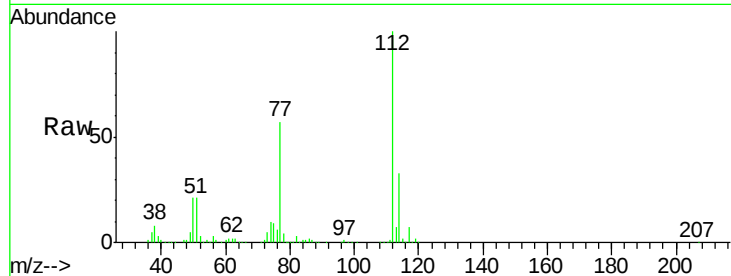
#65
Chlorobenzene
Concen: 95.53 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 660002
Ion Ratio Lower Upper
112 100
114 32.6 24.7 37.1

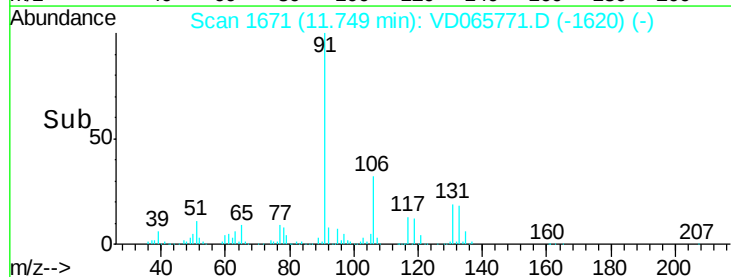
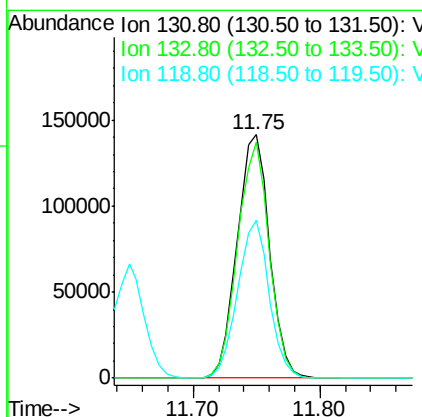
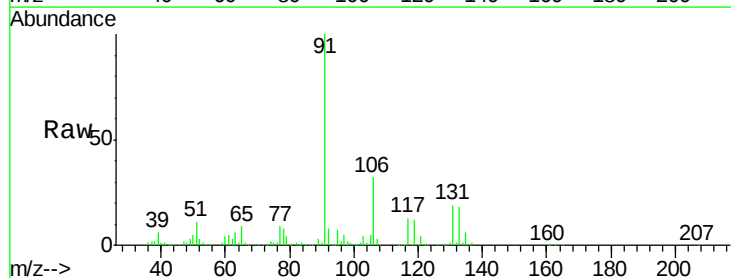
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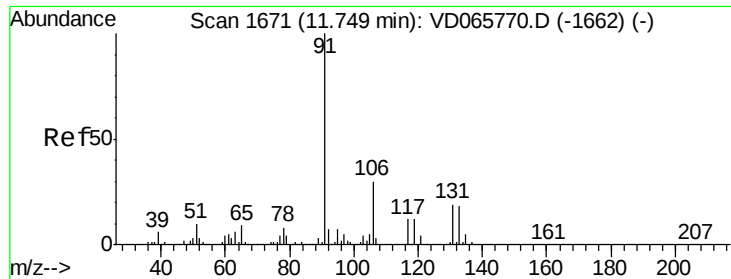
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#66
1,1,1,2-Tetrachloroethane
Concen: 97.91 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion:131 Resp: 250567
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 63.1 31.6 94.8





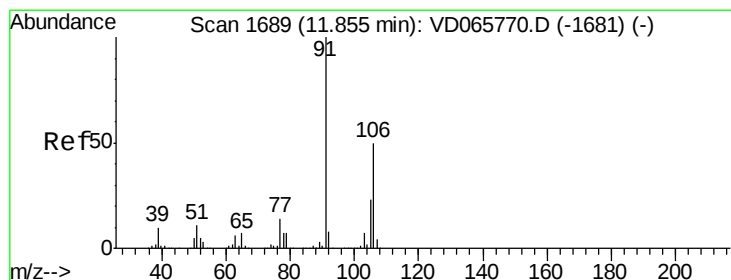
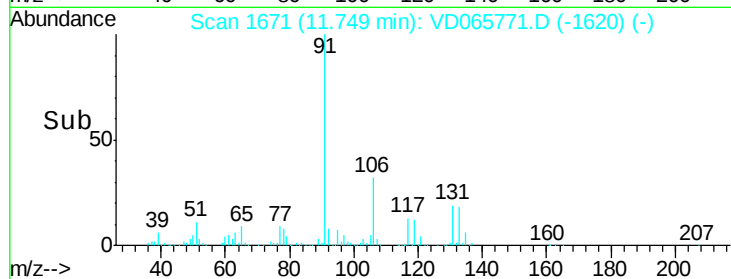
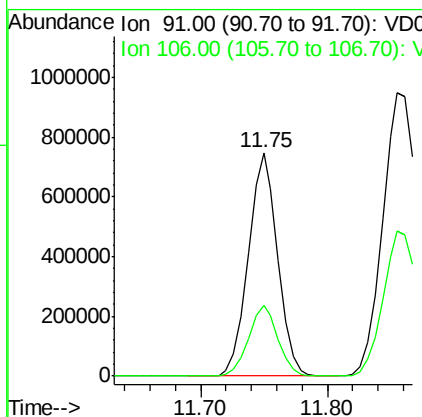
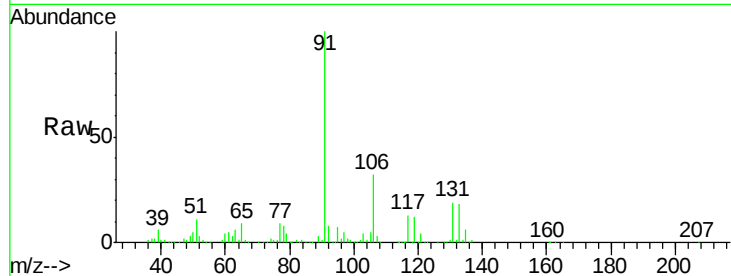
#67
Ethyl Benzene
Concen: 98.00 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 1197095
Ion Ratio Lower Upper
91 100
106 31.6 24.1 36.1

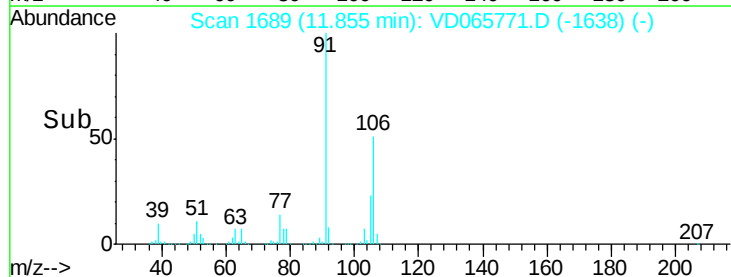
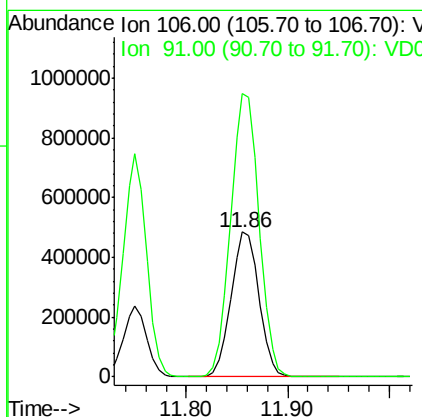
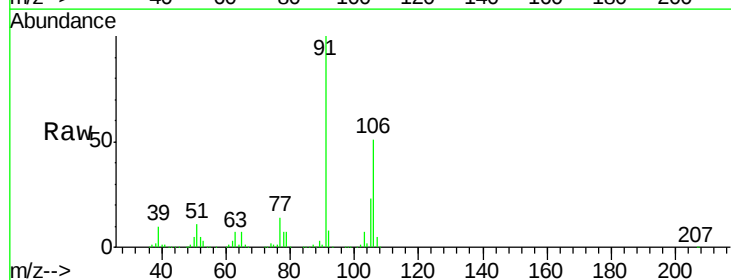
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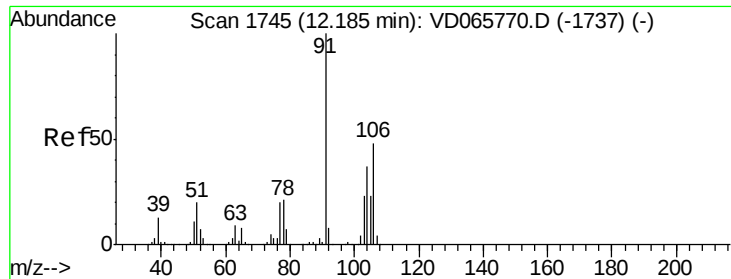
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#68
m/p-Xylenes
Concen: 197.01 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion: 106 Resp: 926444
Ion Ratio Lower Upper
106 100
91 198.5 159.4 239.2





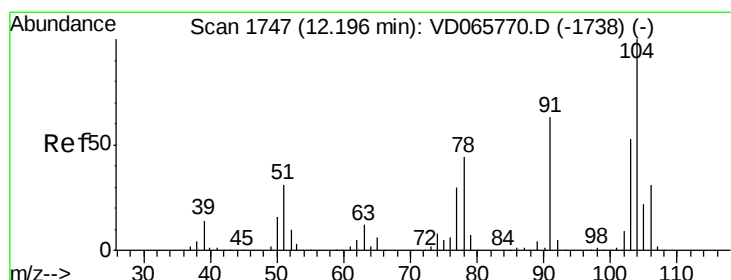
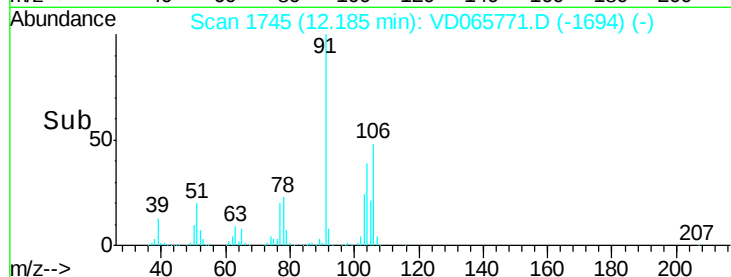
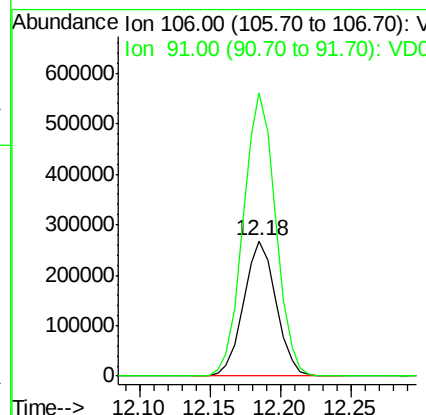
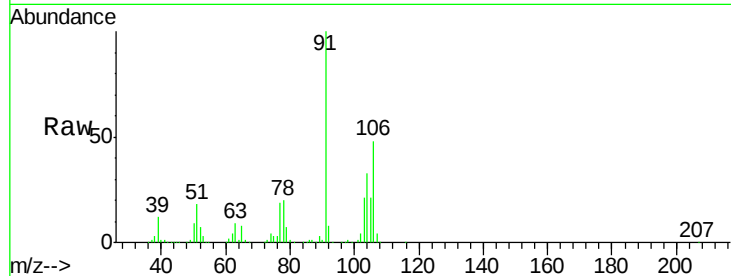
#69
o-Xylene
Concen: 103.11 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 430307
Ion Ratio Lower Upper
106 100
91 209.2 105.3 315.8

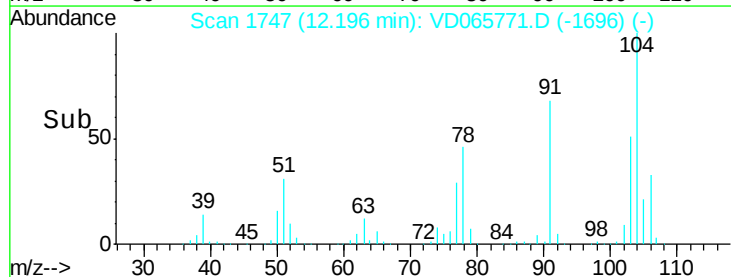
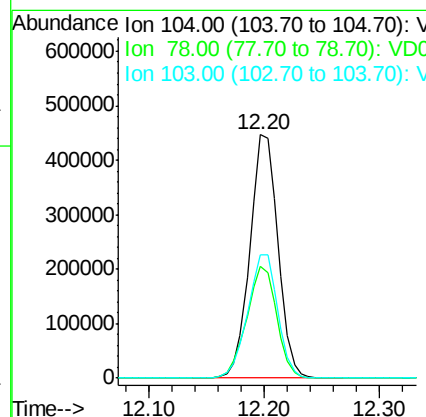
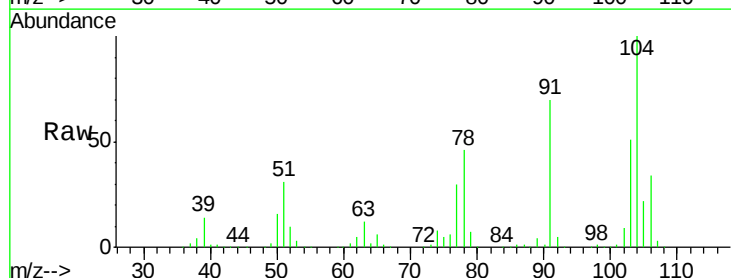
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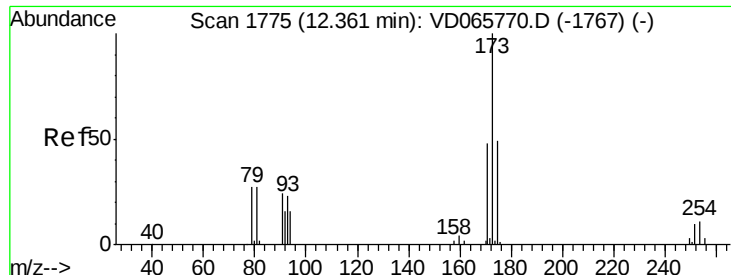
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#70
Styrene
Concen: 104.64 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion:104 Resp: 754424
Ion Ratio Lower Upper
104 100
78 49.0 38.6 58.0
103 54.3 43.9 65.9





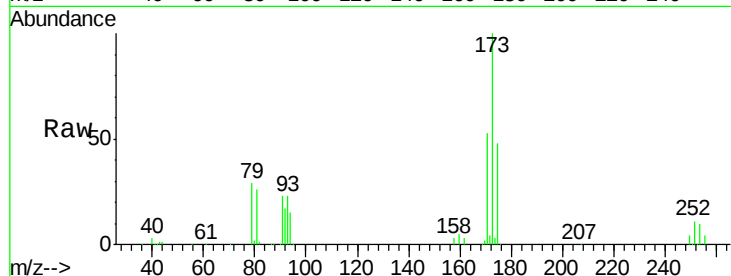
#71
Bromoform
Concen: 100.75 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

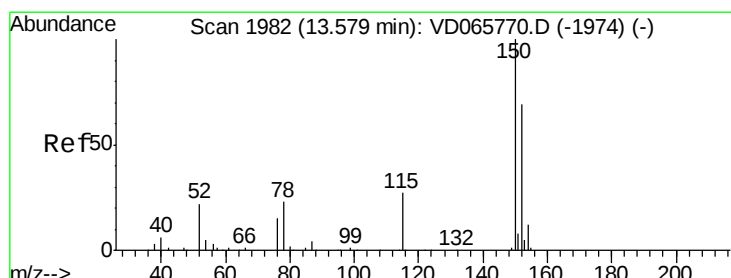
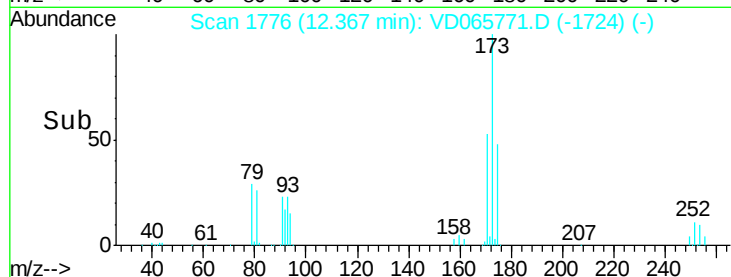
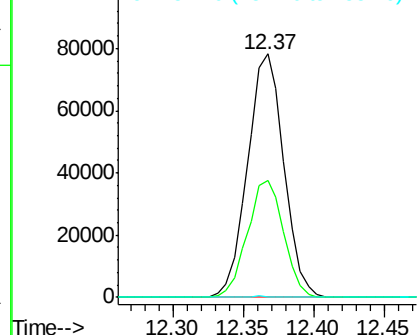
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.8	74.4
254	0.1	0.0	0.0#

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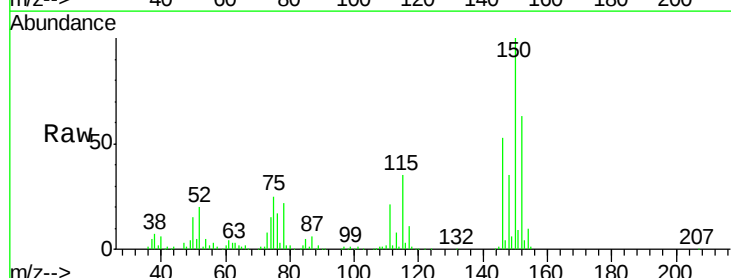


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

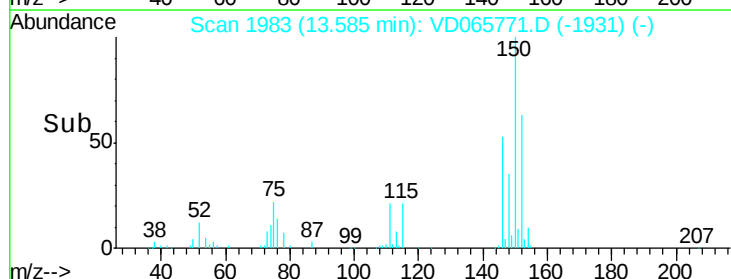
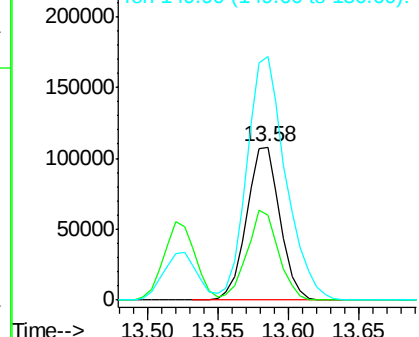


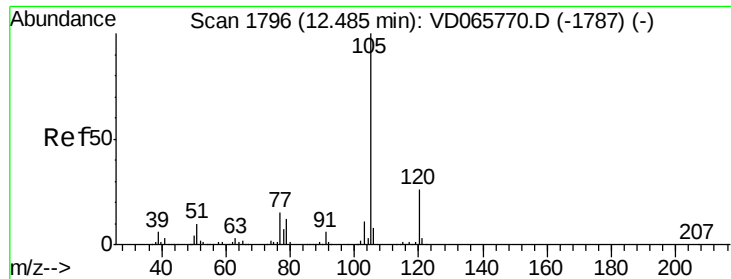
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.7	86.1
150	184.8	0.0	348.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 96.69 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 105 Resp: 1162041

Ion Ratio Lower Upper

105 100

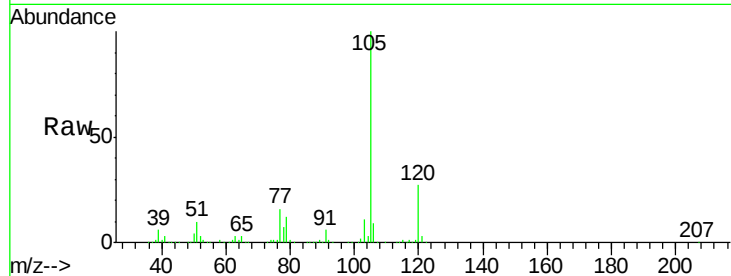
120 27.1 13.5 40.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

200000

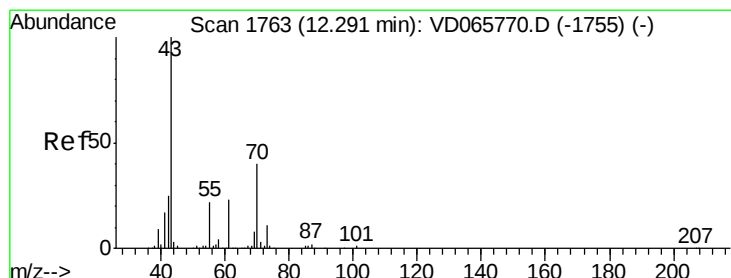
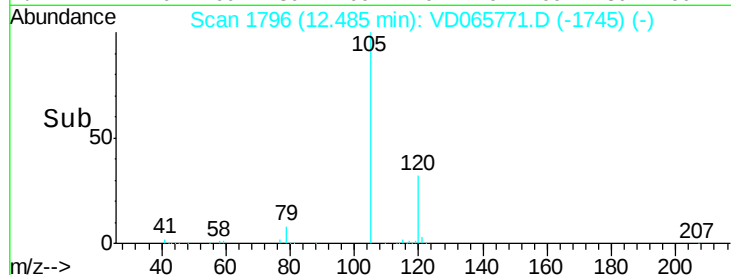
0

12.40

12.50

12.60

Time-->



#74

N-ethyl acetate

Concen: 99.53 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Tgt Ion: 43 Resp: 265339

Ion Ratio Lower Upper

43 100

70 41.4 32.3 48.5

55 24.2 19.0 28.4

61 23.9 19.0 28.4

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

250000

200000

150000

100000

50000

0

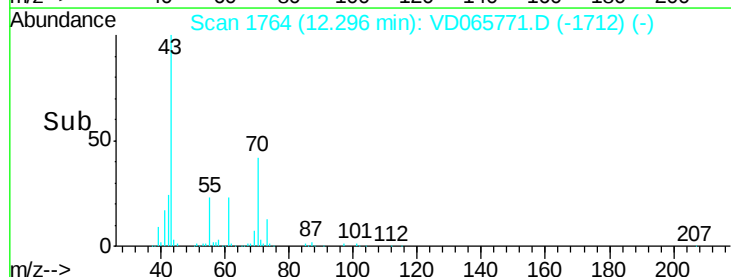
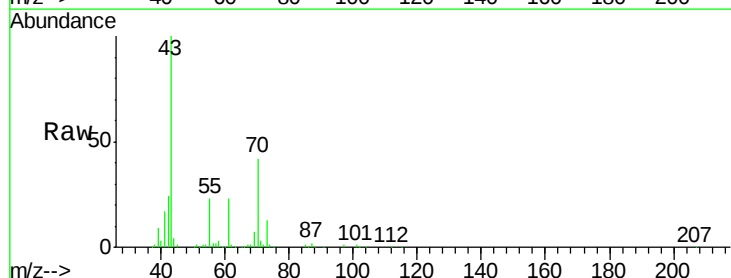
12.20

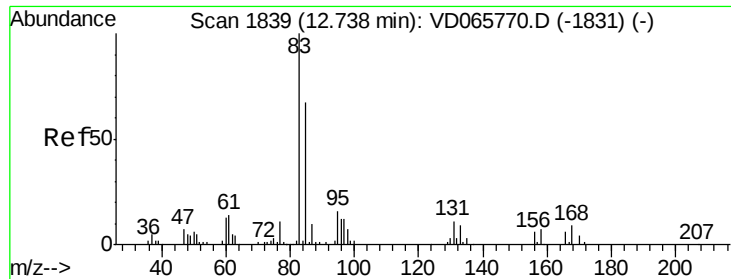
12.25

12.30

12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 90.89 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

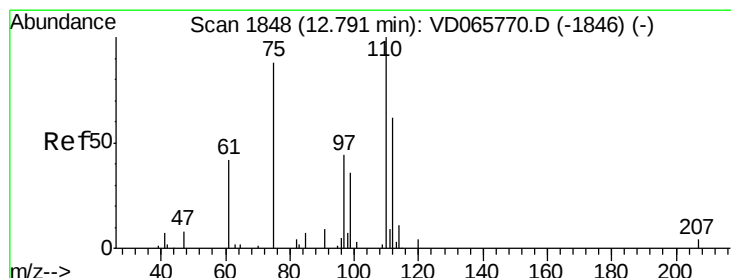
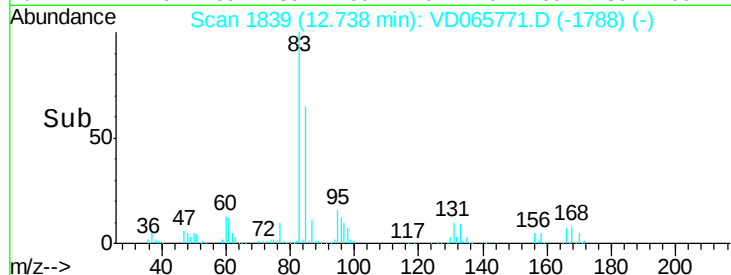
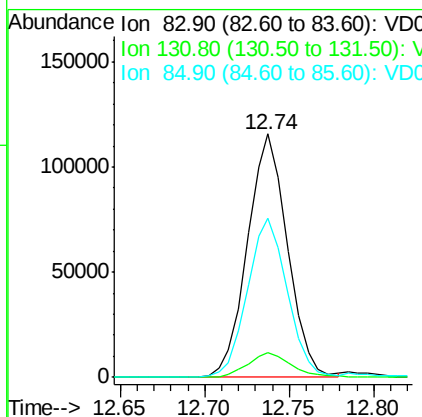
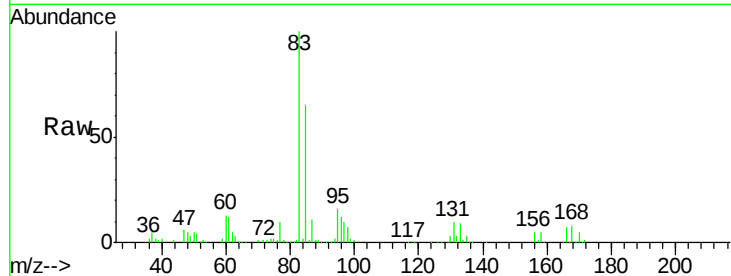
ClientSampleId :

VSTDIC100

Tgt Ion:	83	Resp:	189863
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	65.3	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 103.94 ug/l m

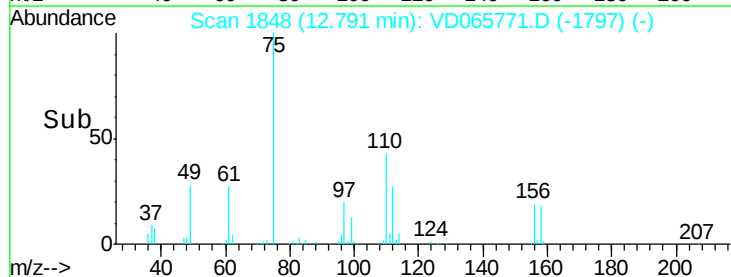
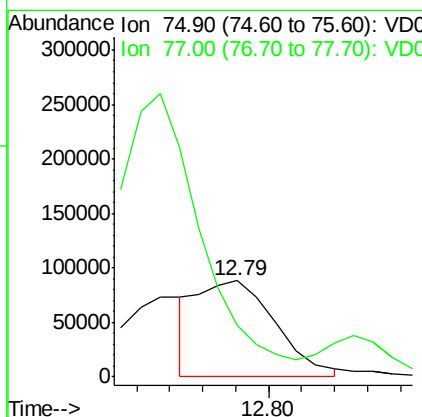
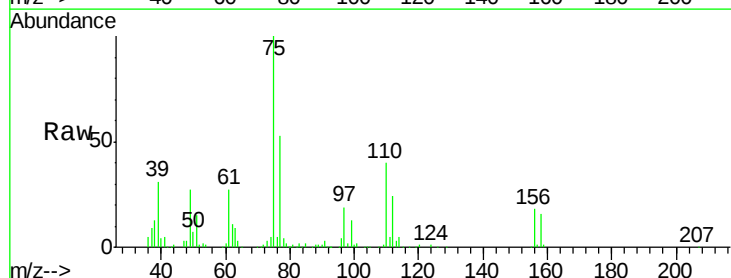
RT: 12.79 min Scan# 1848

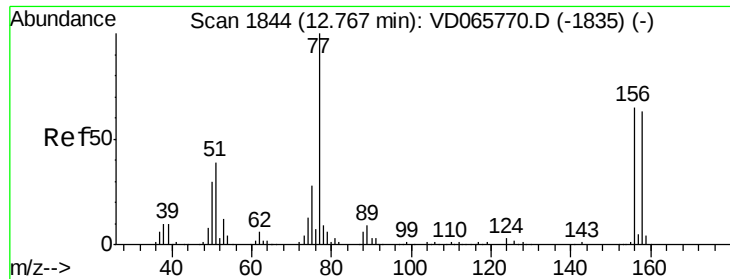
Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Tgt Ion:	75	Resp:	145259
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 97.43 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 156 Resp: 277632
Ion Ratio Lower Upper

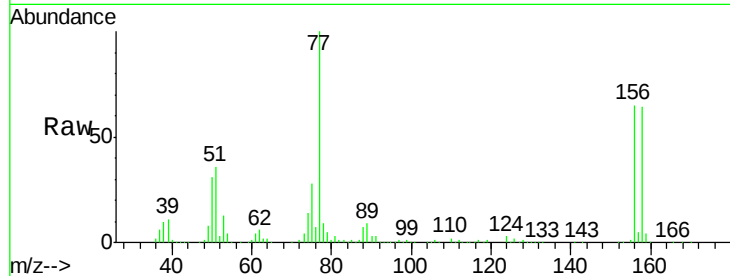
156 100

77 173.7 87.3 261.8

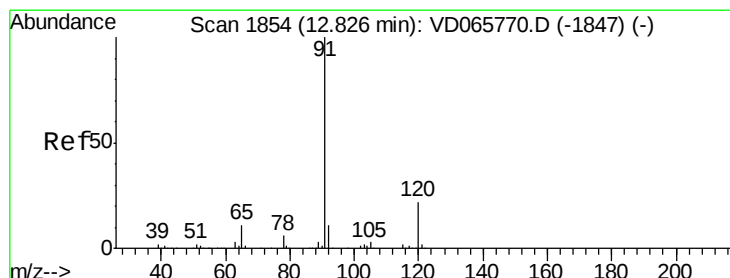
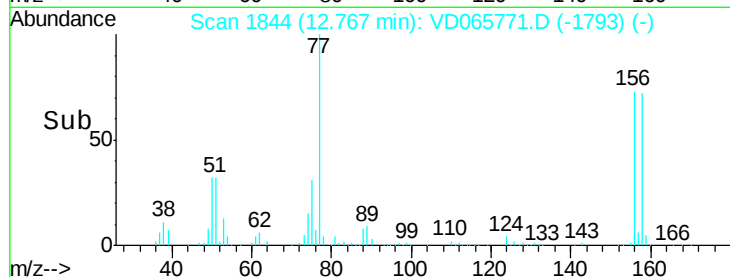
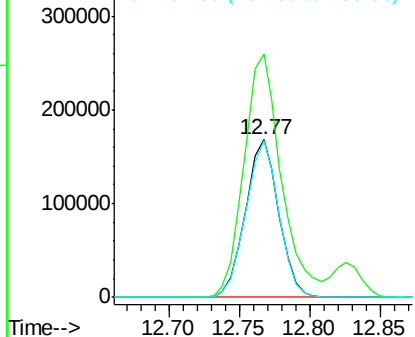
158 98.7 48.0 144.0

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 95.41 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

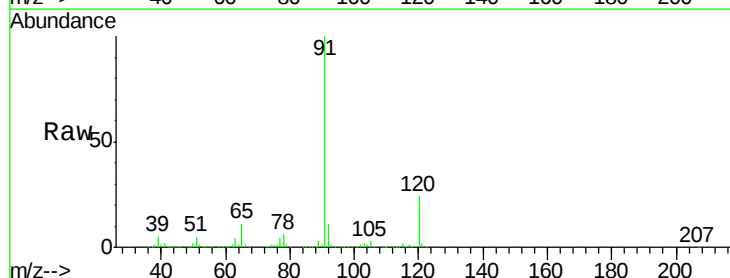
Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

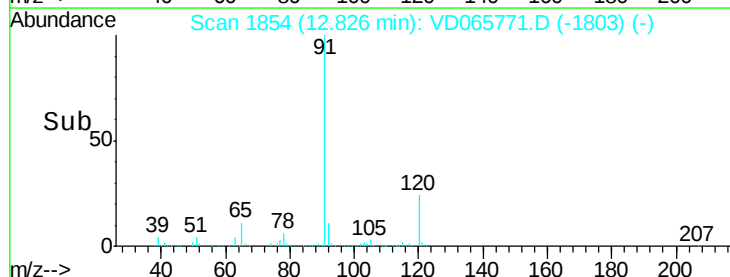
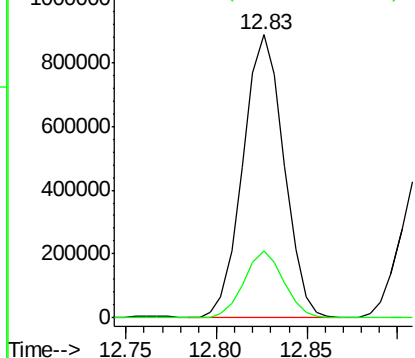
Tgt Ion: 91 Resp: 1391464
Ion Ratio Lower Upper

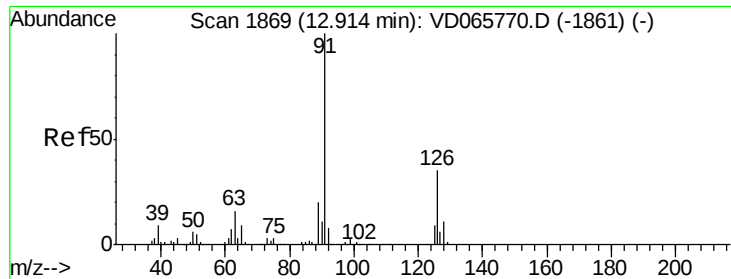
91 100

120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 95.67 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 765904

Ion Ratio Lower Upper

91 100

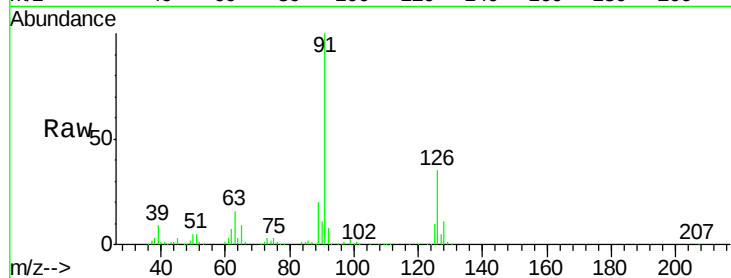
126 35.0 17.5 52.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VD065771.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD065771.D (-1861) (-)

800000

600000

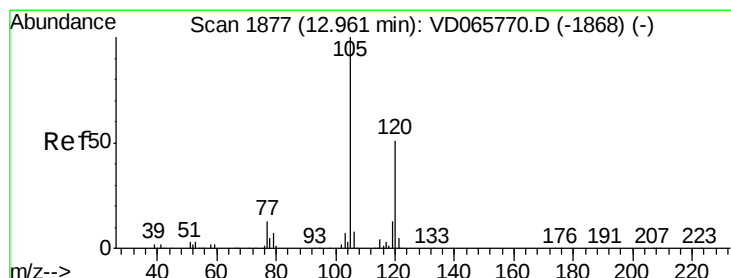
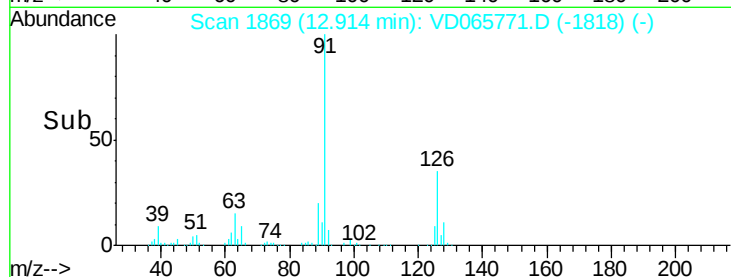
400000

200000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 97.73 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD065771.D

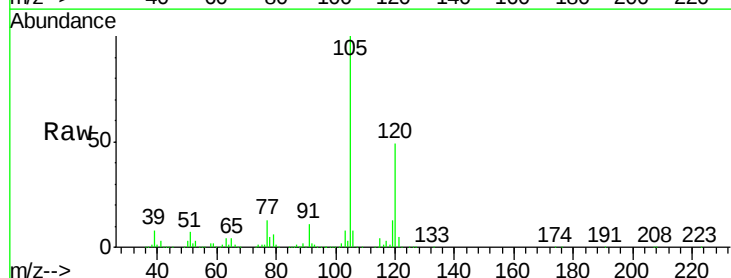
Acq: 05 Jun 2020 12:18

Tgt Ion: 105 Resp: 976665

Ion Ratio Lower Upper

105 100

120 50.2 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VD065771.D (-1826) (-)

Ion 120.00 (119.70 to 120.70): VD065771.D (-1826) (-)

600000

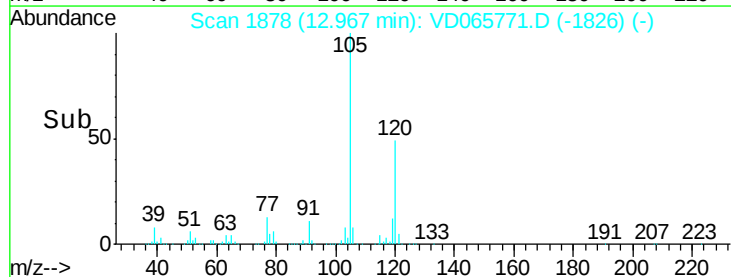
400000

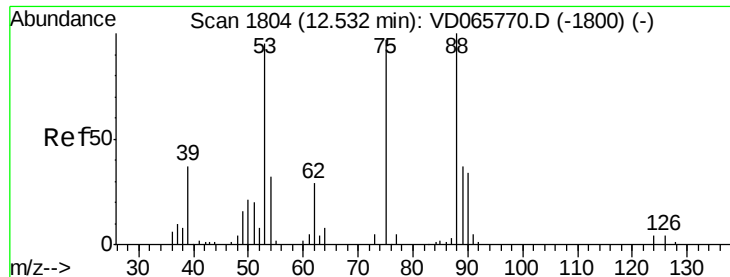
200000

0

12.90 12.95 13.00

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 104.53 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 75 Resp: 66206

Ion Ratio Lower Upper

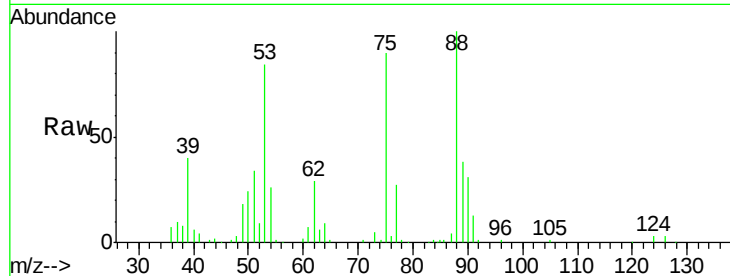
75 100

53 94.3 82.6 123.8

89 45.1 35.9 53.9

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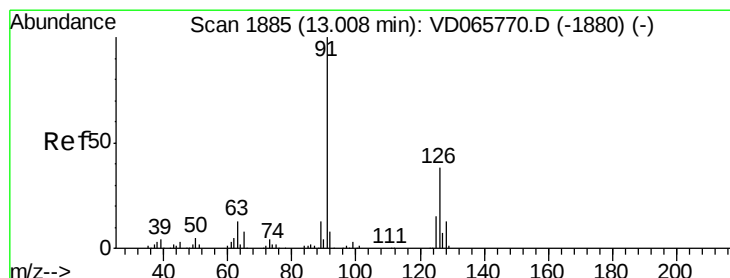
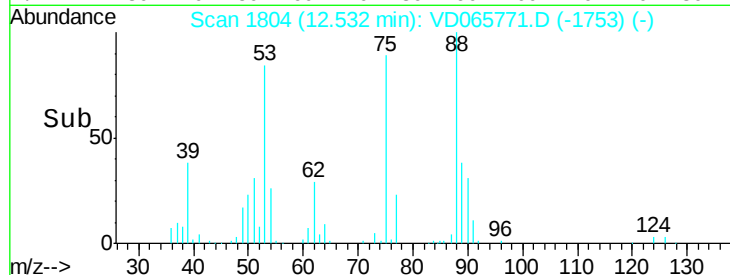
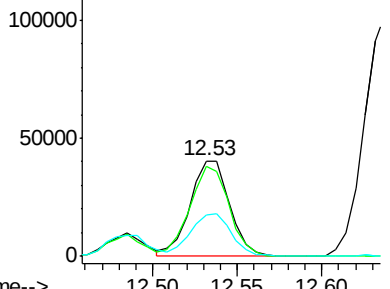
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Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 94.18 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065771.D

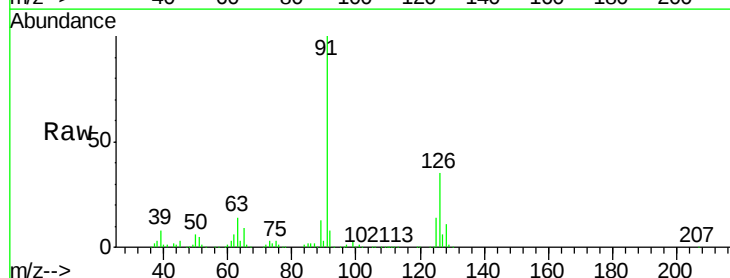
Acq: 05 Jun 2020 12:18

Tgt Ion: 91 Resp: 814473

Ion Ratio Lower Upper

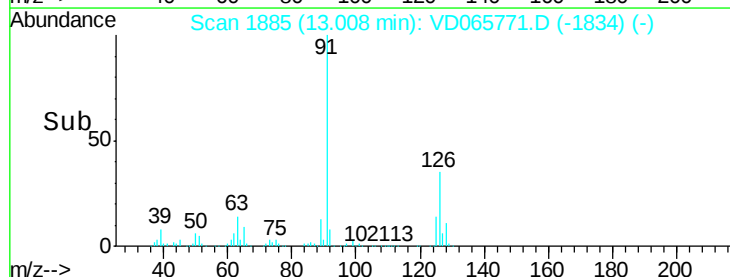
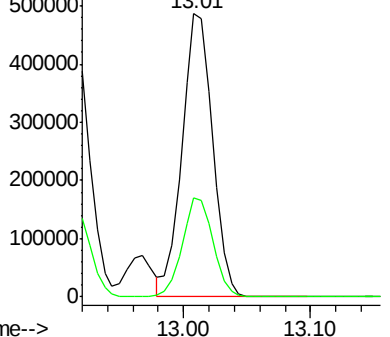
91 100

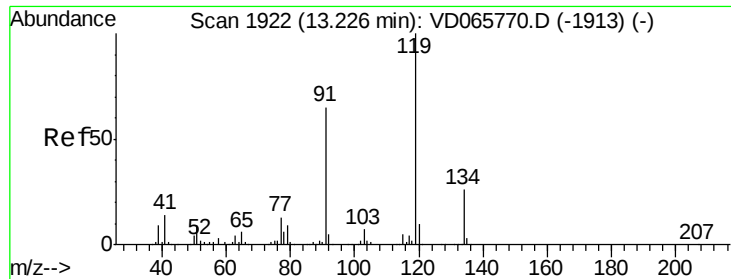
126 35.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): VDC





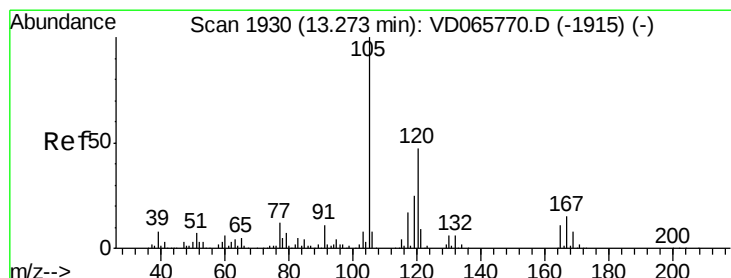
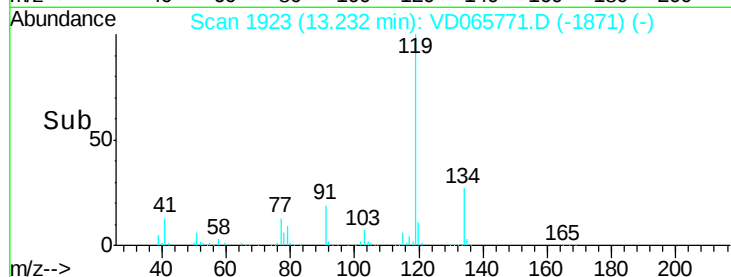
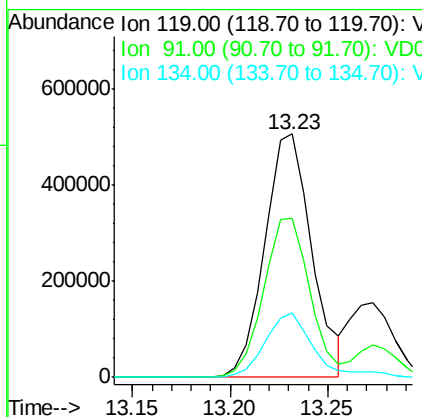
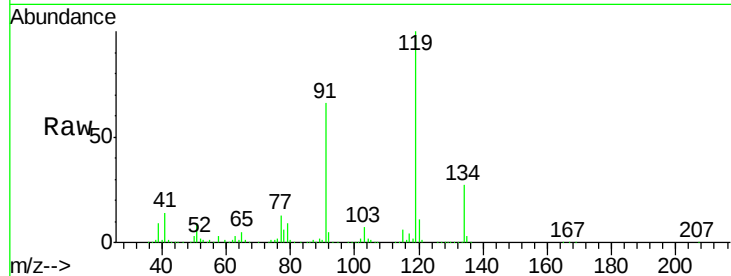
#83
 tert-Butylbenzene
 Concen: 98.05 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD065771.D
 Acq: 05 Jun 2020 12:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.0	32.0	96.0
134	27.4	13.8	41.4

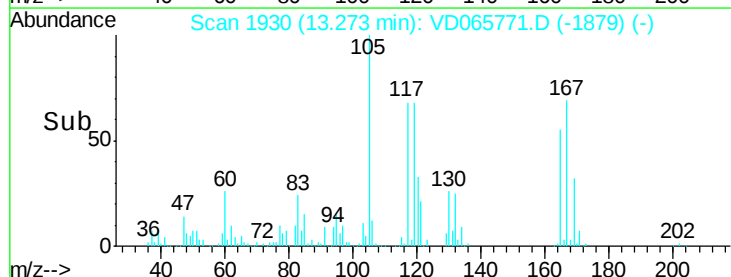
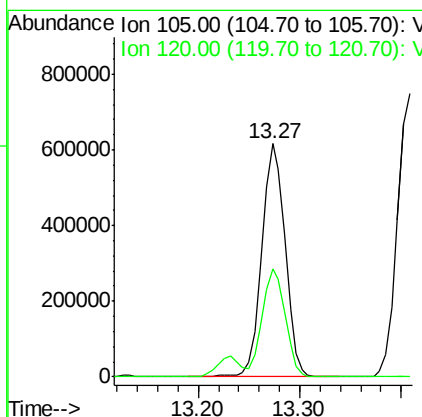
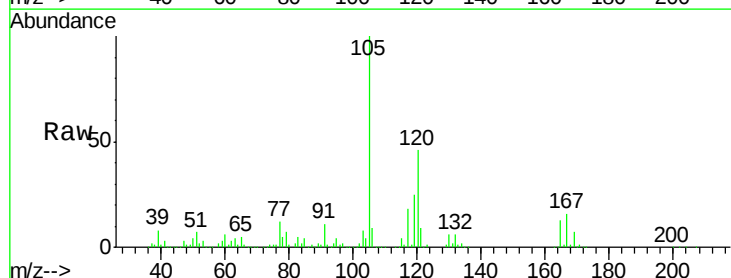
Manual Integrations
 APPROVED

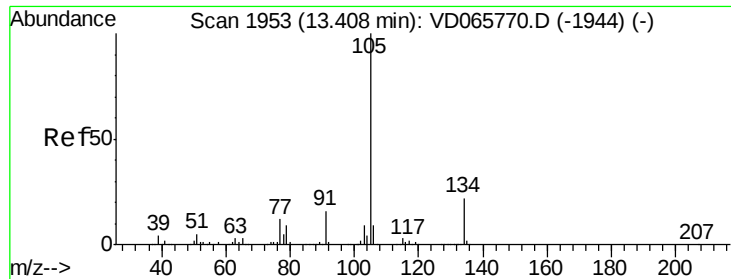
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 6/5/2020 4:12:46 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 98.03 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065771.D
 Acq: 05 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.3	69.8





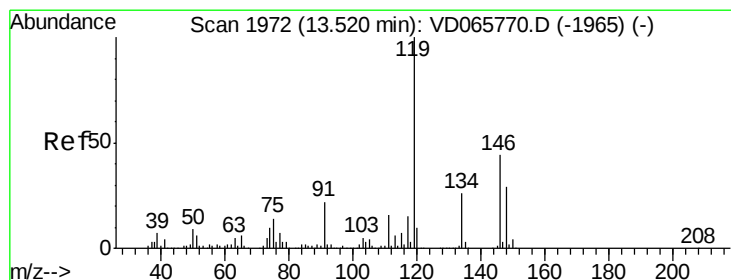
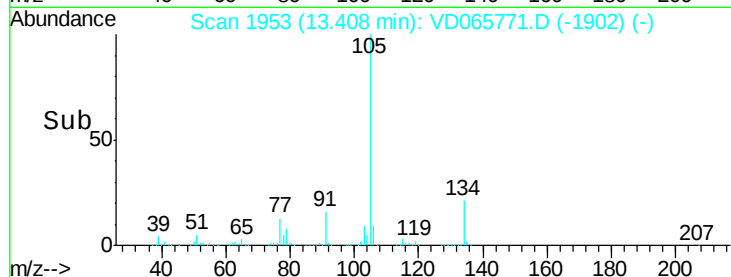
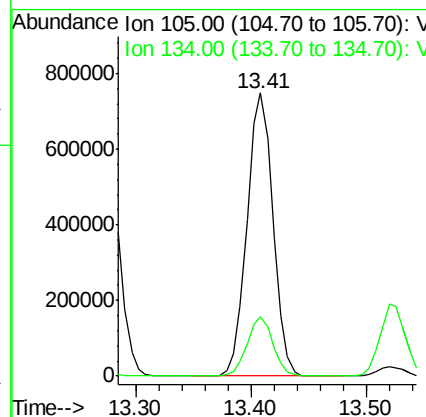
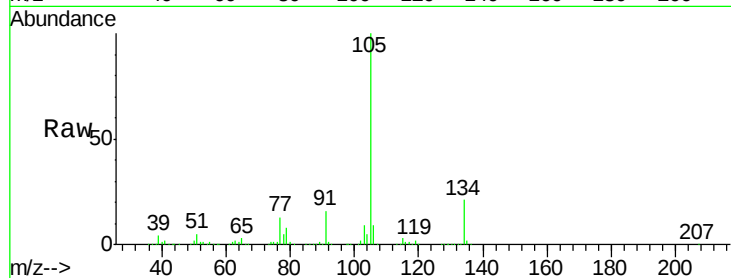
#85
 sec-Butylbenzene
 Concen: 96.57 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065771.D
 Acq: 05 Jun 2020 12:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 1170490
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4

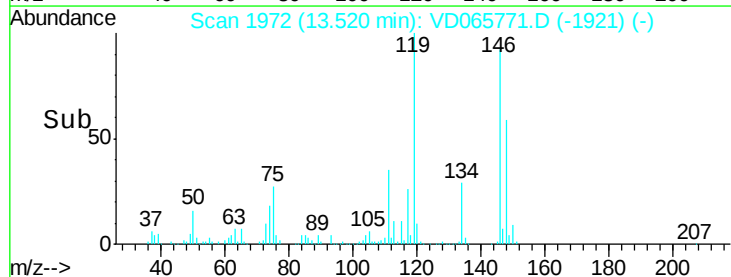
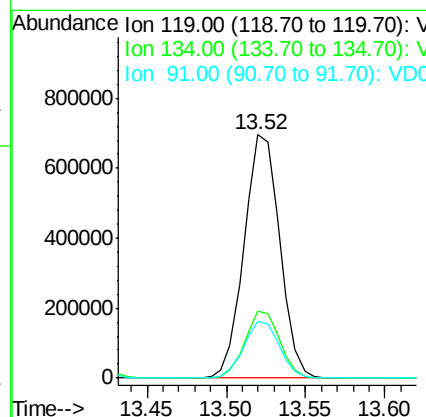
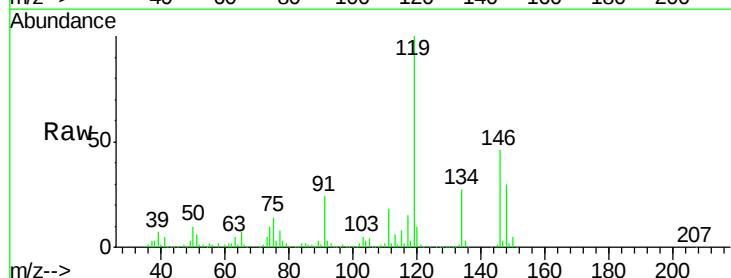
Manual Integrations
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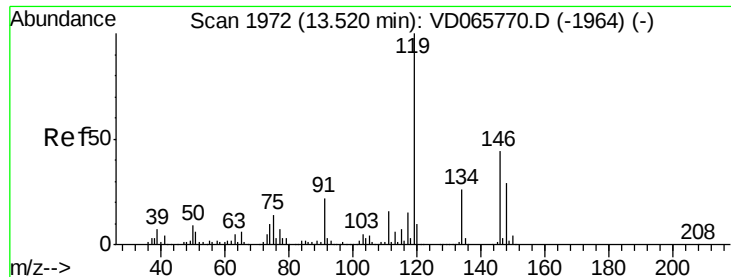
MMDadoda
 6/5/2020 4:12:46 PM



#86
 p-Isopropyltoluene
 Concen: 98.95 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065771.D
 Acq: 05 Jun 2020 12:18

Tgt Ion:119 Resp: 1088938
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.9
 91 23.3 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 94.09 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Instrument :

MSVOA_D

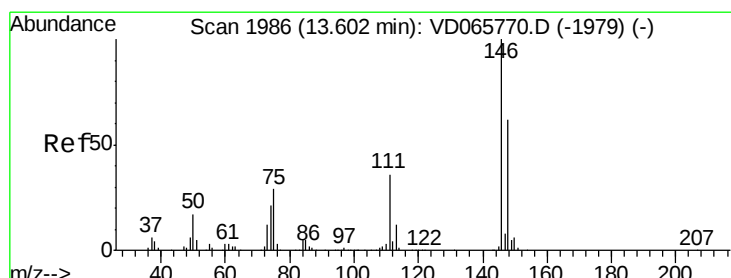
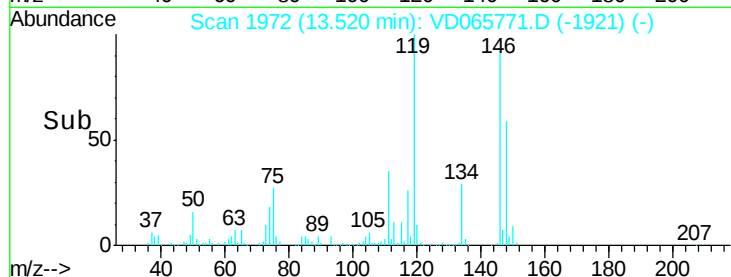
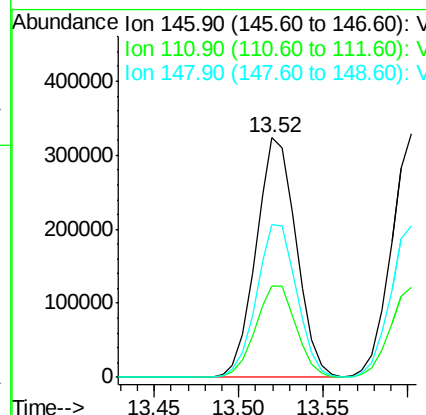
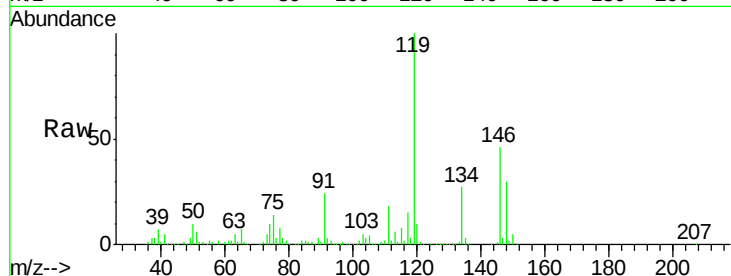
ClientSampleId :

VSTDIC100

Tgt Ion:	146	Resp:	535154
Ion Ratio	Lower	Upper	
146	100		
111	38.6	19.2	57.6
148	63.8	32.1	96.3

Manual Integrations
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6/5/2020 4:12:46 PM



#88

1,4-Dichlorobenzene

Concen: 92.90 ug/l

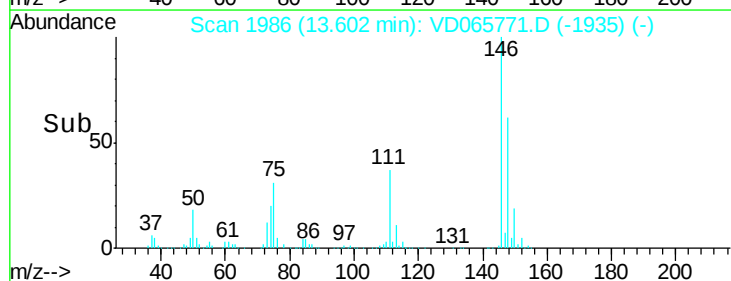
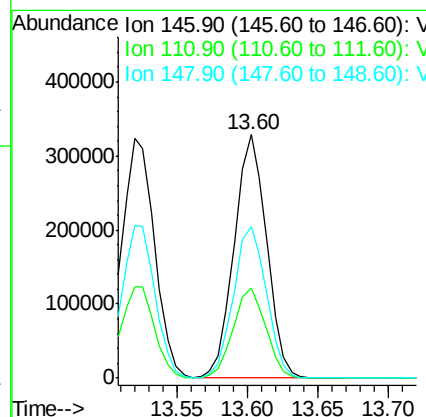
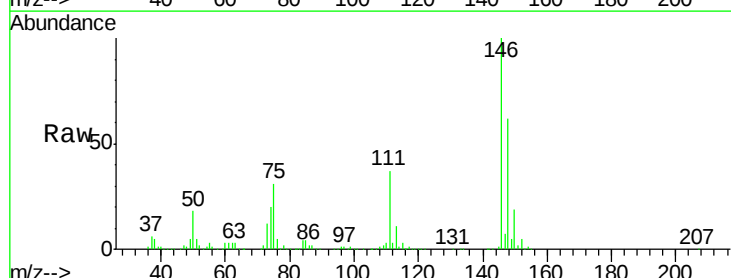
RT: 13.60 min Scan# 1986

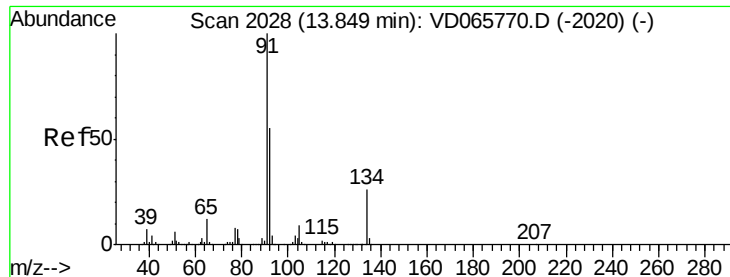
Delta R.T. -0.00 min

Lab File: VD065771.D

Acq: 05 Jun 2020 12:18

Tgt Ion:	146	Resp:	527143
Ion Ratio	Lower	Upper	
146	100		
111	37.3	18.9	56.7
148	63.5	31.6	94.7





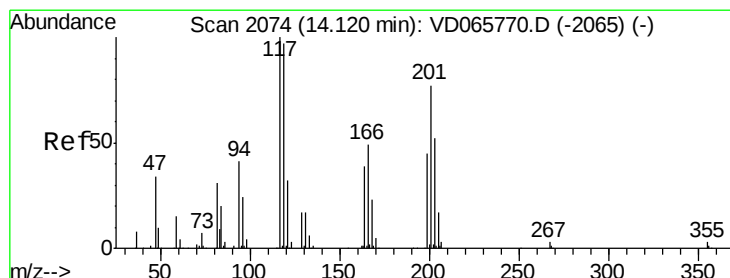
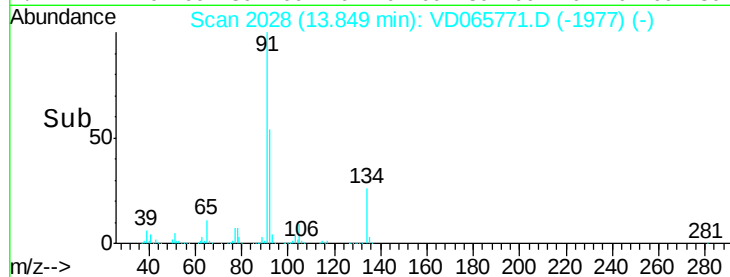
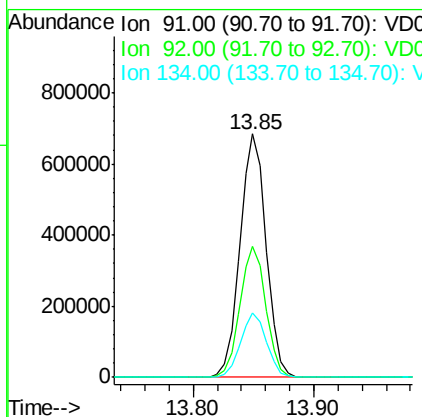
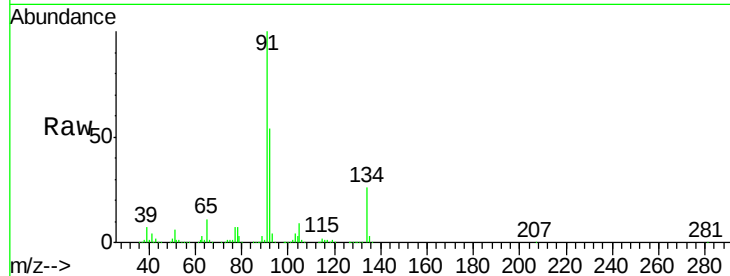
#89
n-Butylbenzene
Concen: 97.21 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 1028541
Ion Ratio Lower Upper
91 100
92 53.4 27.0 81.0
134 26.4 13.0 39.0

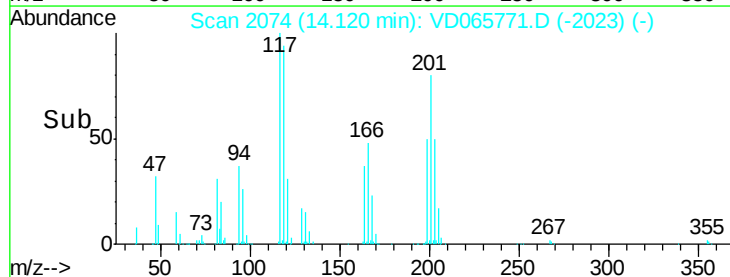
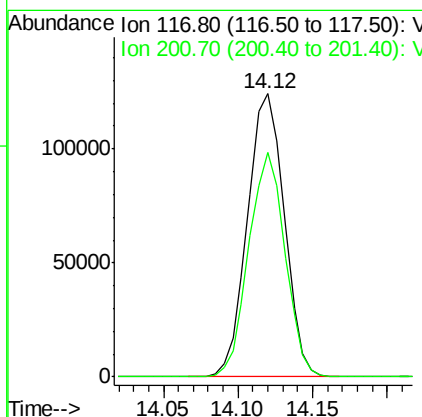
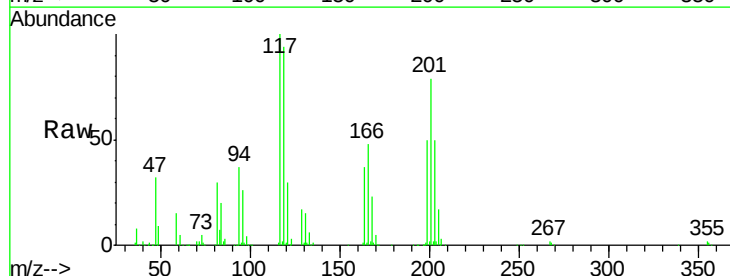
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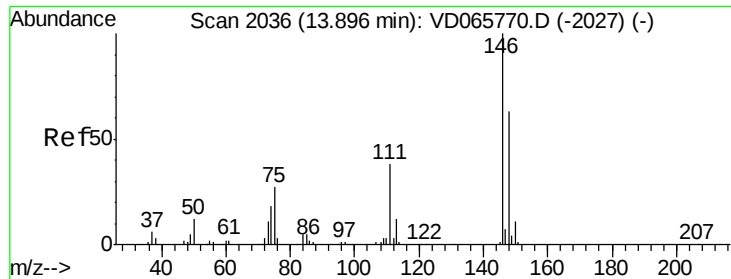
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#90
Hexachloroethane
Concen: 94.93 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion: 117 Resp: 212277
Ion Ratio Lower Upper
117 100
201 77.9 37.1 111.5





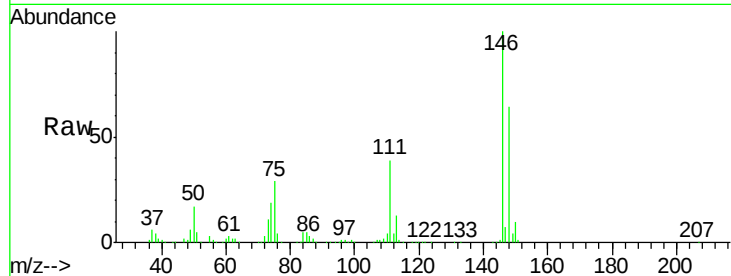
#91
 1,2-Dichlorobenzene
 Concen: 95.37 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065771.D
 Acq: 05 Jun 2020 12:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

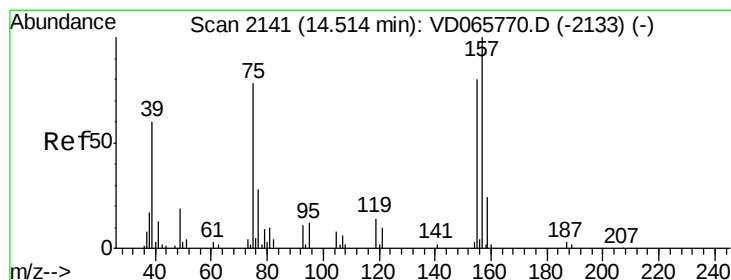
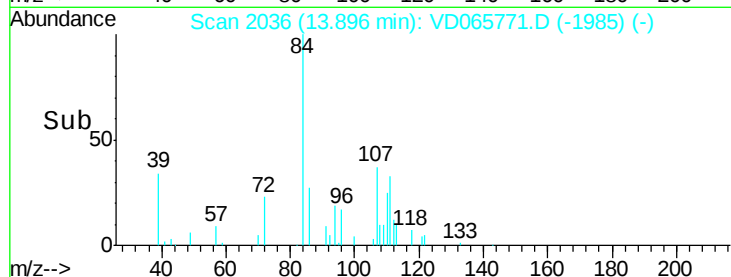
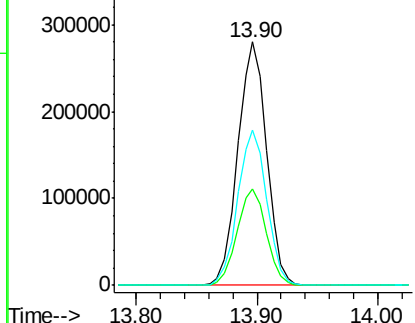
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	465176		
111	40.1	19.8	59.4	
148	64.3	31.9	95.7	

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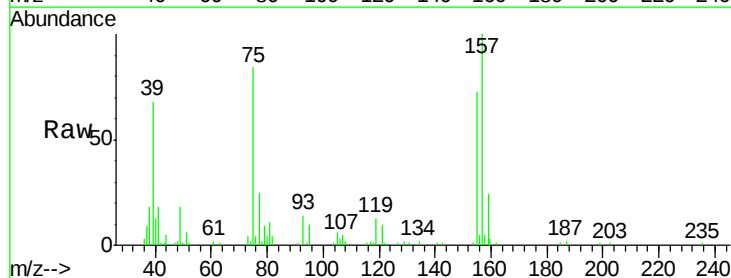


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

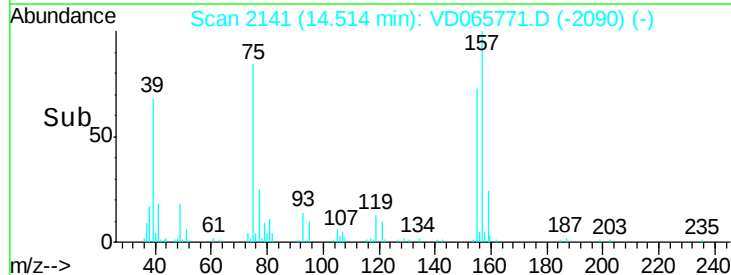
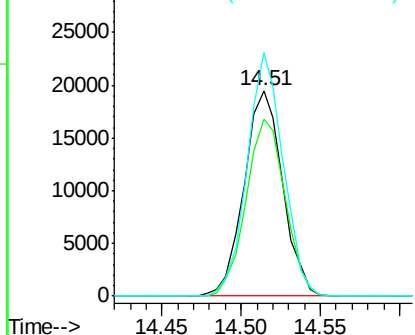


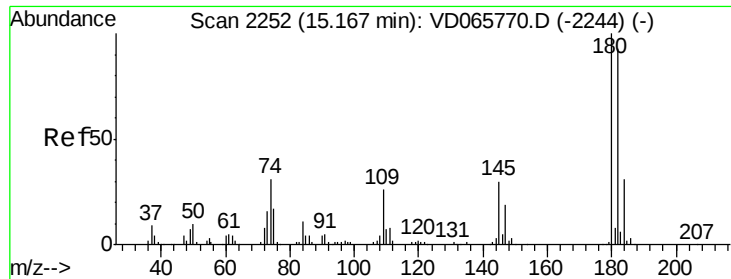
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 95.28 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD065771.D
 Acq: 05 Jun 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32926		
155	87.4	46.3	138.9	
157	110.7	58.1	174.3	



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





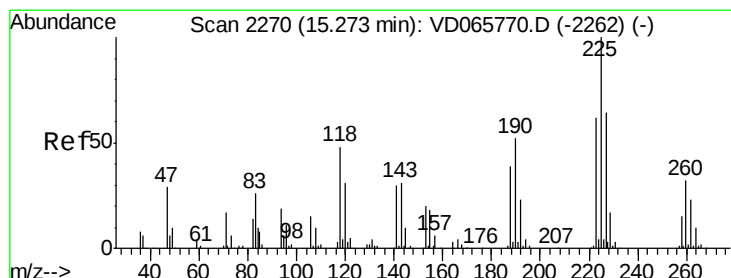
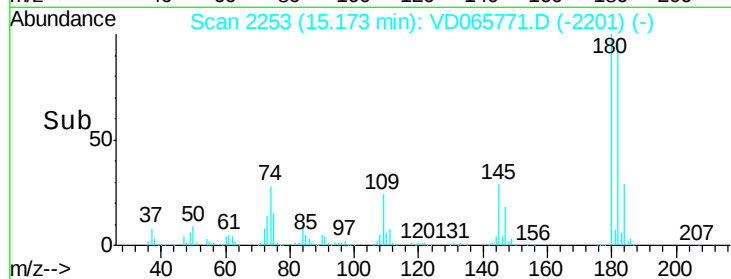
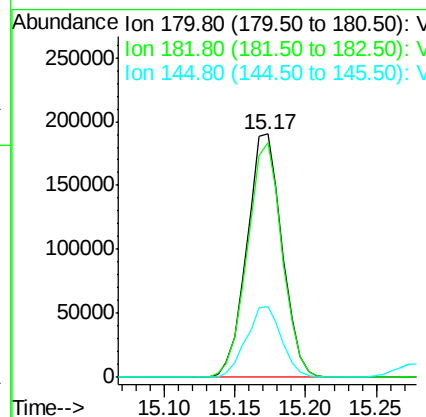
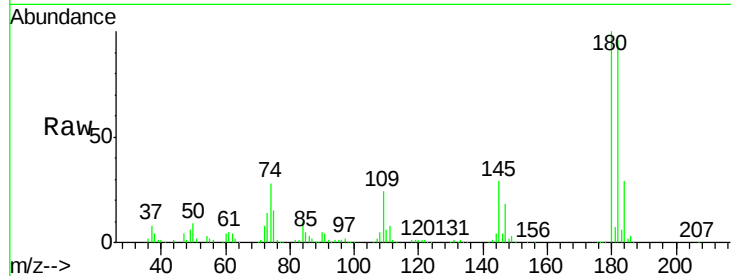
#93
1,2,4-Trichlorobenzene
Concen: 102.84 ug/l
RT: 15.17 min Scan# 2253
Delta R.T. 0.01 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	332324		
182	95.4	48.0	144.2	
145	29.2	14.9	44.9	

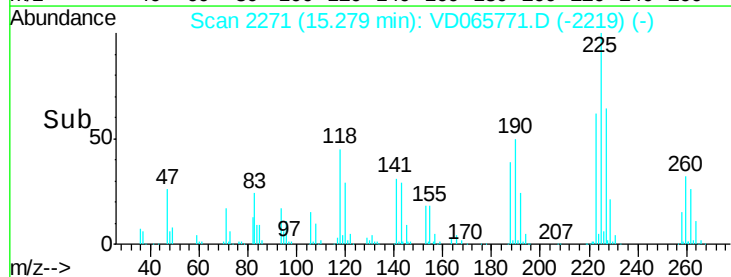
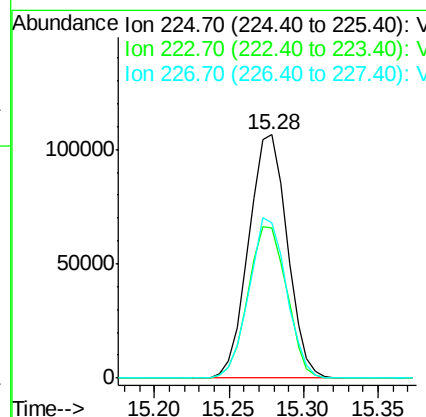
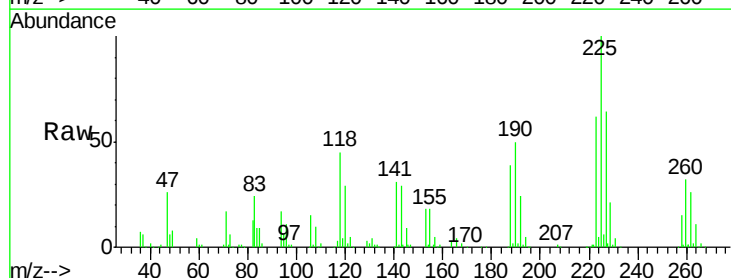
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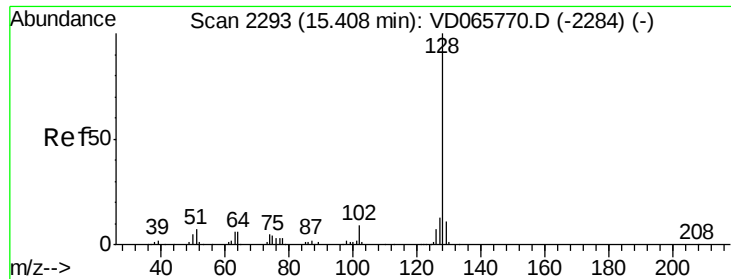
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#94
Hexachlorobutadiene
Concen: 95.47 ug/l
RT: 15.28 min Scan# 2271
Delta R.T. 0.01 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	189986		
223	62.4	30.9	92.7	
227	63.9	31.9	95.7	





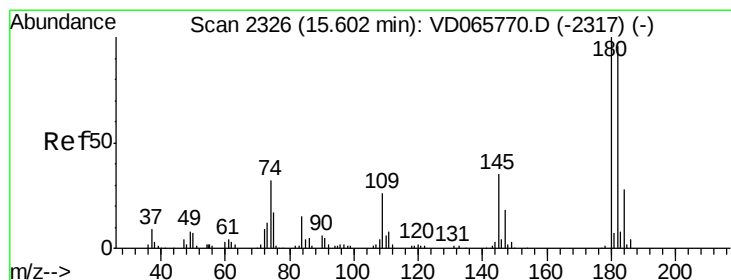
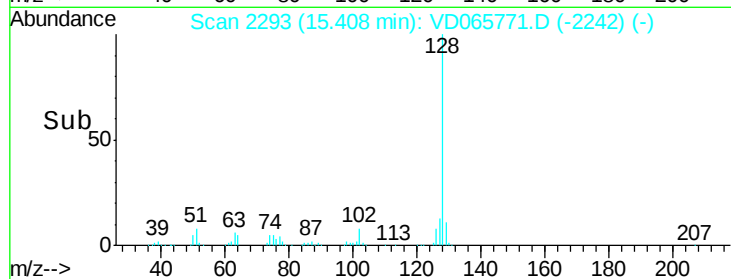
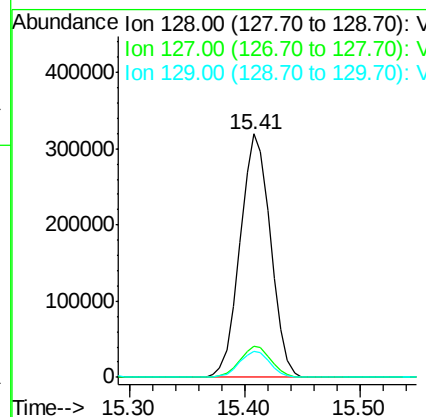
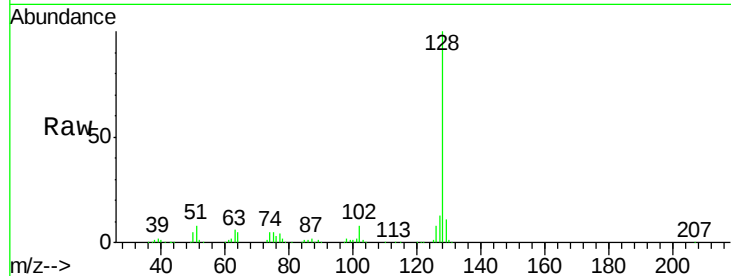
#95
Naphthalene
Concen: 107.75 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	581085		
127	13.1		10.7	16.1
129	10.8		8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 102.92 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD065771.D
Acq: 05 Jun 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	285911		
182	94.6		47.0	141.2
145	31.5		16.2	48.6

