

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060520\
 Data File : VD065770.D
 Acq On : 05 Jun 2020 11:51
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/5/2020 4:12:44 PM

Quant Time: Jun 05 12:52:53 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	228535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	354340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	334481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	167846	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	114167	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
35) Dibromofluoromethane	7.92	113	114211	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.34	98	440056	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.64	95	146731	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.99	85	76509	41.07	ug/l	100
3) Chloromethane	2.21	50	134489	42.49	ug/l	100
4) Vinyl Chloride	2.35	62	162731	45.03	ug/l	100
5) Bromomethane	2.77	94	110172	43.57	ug/l	100
6) Chloroethane	2.93	64	109903	45.11	ug/l	100
7) Trichlorofluoromethane	3.27	101	181171	44.60	ug/l	100
8) Diethyl Ether	3.71	74	51117	49.70	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	108367	44.92	ug/l	100
10) Methyl Iodide	4.30	142	115106	54.70	ug/l	100
11) Tert butyl alcohol	5.22	59	31615	170.56	ug/l	100
12) 1,1-Dichloroethene	4.07	96	100960	46.64	ug/l	100
13) Acrolein	3.93	56	29031	213.37	ug/l	100
14) Allyl chloride	4.71	41	171149	48.74	ug/l	100
15) Acrylonitrile	5.42	53	116925	251.02	ug/l	100
16) Acetone	4.16	43	103658	239.21	ug/l	100
17) Carbon Disulfide	4.41	76	338032	46.31	ug/l	100
18) Methyl Acetate	4.71	43	49763	41.73	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	240170	50.41	ug/l	100
20) Methylene Chloride	4.97	84	115829	40.82	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	119805	47.85	ug/l	100
22) Diisopropyl ether	6.37	45	354370	50.21	ug/l	100
23) Vinyl Acetate	6.30	43	1050469	271.73	ug/l	100
24) 1,1-Dichloroethane	6.27	63	205771	47.08	ug/l	100
25) 2-Butanone	7.21	43	153278	256.96	ug/l	100
26) 2,2-Dichloropropane	7.21	77	183758	47.32	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	132249	49.60	ug/l	100
28) Bromochloromethane	7.55	49	83555	50.68	ug/l	100
29) Tetrahydrofuran	7.57	42	94347	251.28	ug/l	100
30) Chloroform	7.71	83	214371	47.45	ug/l	100
31) Cyclohexane	7.98	56	190970	44.41	ug/l	100
32) 1,1,1-Trichloroethane	7.91	97	197327	47.39	ug/l	100
36) 1,1-Dichloropropene	8.11	75	169235	48.58	ug/l	100
37) Ethyl Acetate	7.30	43	69396	51.23	ug/l	100
38) Carbon Tetrachloride	8.10	117	178531	48.86	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	203785	50.38	ug/l	100
40) Benzene	8.36	78	465232	49.42	ug/l	100
41) Methacrylonitrile	7.53	41	45651	54.04	ug/l	100
42) 1,2-Dichloroethane	8.43	62	140611	48.79	ug/l	100
43) Isopropyl Acetate	8.46	43	136653	51.40	ug/l	100
44) Trichloroethene	9.11	130	128209	49.04	ug/l	100
45) 1,2-Dichloropropane	9.39	63	118014	49.59	ug/l	100
46) Dibromomethane	9.48	93	64112	49.95	ug/l	100
47) Bromodichloromethane	9.67	83	169161	48.95	ug/l	100
48) Methyl methacrylate	9.46	41	68800	52.88	ug/l	100
49) 1,4-Dioxane	9.47	88	14442	1070.73	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	338690	261.35	ug/l	100
52) Toluene	10.40	92	306833	50.88	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	158732	52.13	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	187805	52.05	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	86584	50.79	ug/l	100
56) Ethyl methacrylate	10.66	69	106133	54.93	ug/l	100
57) 1,3-Dichloropropane	10.95	76	149897	50.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	244190	269.64	ug/l	100
59) 2-Hexanone	10.99	43	234938	272.01	ug/l	100
60) Dibromochloromethane	11.14	129	118396	51.63	ug/l	100
61) 1,2-Dibromoethane	11.25	107	85781	51.66	ug/l	100
64) Tetrachloroethene	10.88	164	108899	47.03	ug/l	100
65) Chlorobenzene	11.67	112	323390	48.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	122420	49.94	ug/l	100
67) Ethyl Benzene	11.75	91	586879	50.16	ug/l	100
68) m/p-Xylenes	11.86	106	453380	100.65	ug/l	100
69) o-Xylene	12.18	106	206466	51.64	ug/l	100
70) Styrene	12.20	104	366882	53.13	ug/l	100
71) Bromoform	12.36	173	68678	51.27	ug/l #	100
73) Isopropylbenzene	12.48	105	572478	50.64	ug/l	100
74) N-amyl acetate	12.29	43	129351	51.58	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	93865	47.76	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	59748m	45.44	ug/l	
77) Bromobenzene	12.77	156	137543	51.31	ug/l	100
78) n-propylbenzene	12.83	91	689207	50.23	ug/l	100
79) 2-Chlorotoluene	12.91	91	377275	50.09	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	481760	51.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	31007	52.04	ug/l	100
82) 4-Chlorotoluene	13.01	91	400140	49.18	ug/l	100
83) tert-Butylbenzene	13.23	119	416833	51.25	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	484405	51.47	ug/l	100
85) sec-Butylbenzene	13.41	105	578210	50.71	ug/l	100
86) p-Isopropyltoluene	13.52	119	539479	52.11	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	261737	48.92	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	260867	48.87	ug/l	100
89) n-Butylbenzene	13.85	91	503144	50.55	ug/l	100
90) Hexachloroethane	14.12	117	104932	49.88	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	228033	49.69	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15679	48.23	ug/l	100

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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	157347	51.76	ug/l	100
94) Hexachlorobutadiene	15.27	225	93698	50.05	ug/l	100
95) Naphthalene	15.41	128	274444	54.10	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	137460	52.60	ug/l	100

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

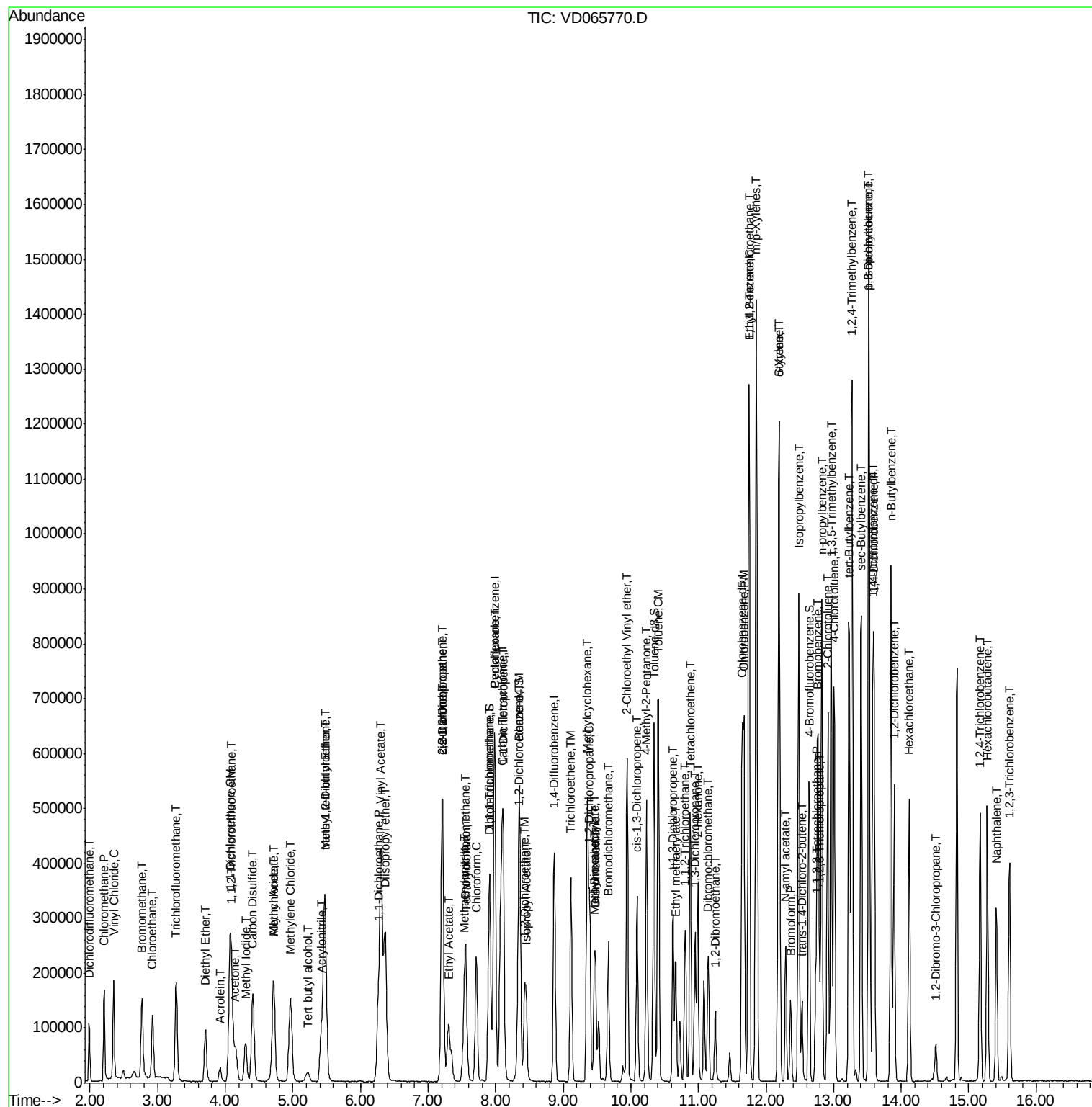
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD060520\
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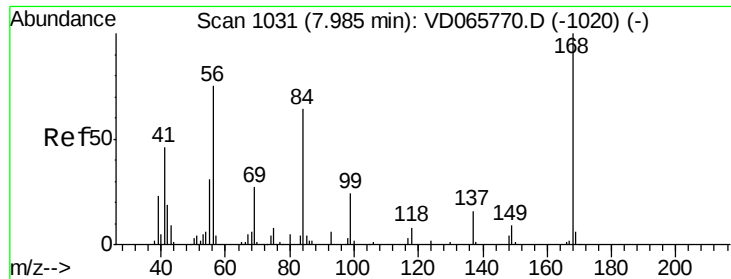
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
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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: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 168 Resp: 228535

Ion Ratio Lower Upper

168 100

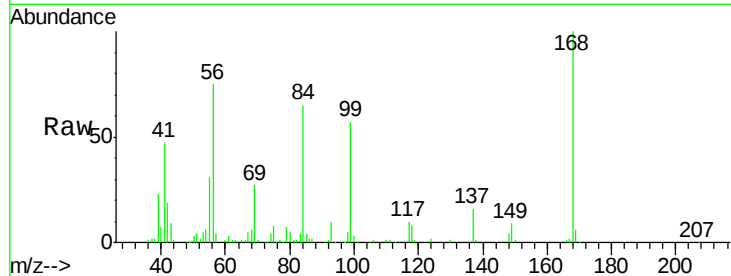
99 56.6 45.3 67.9

Manual Integrations

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6/5/2020 4:12:44 PM



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

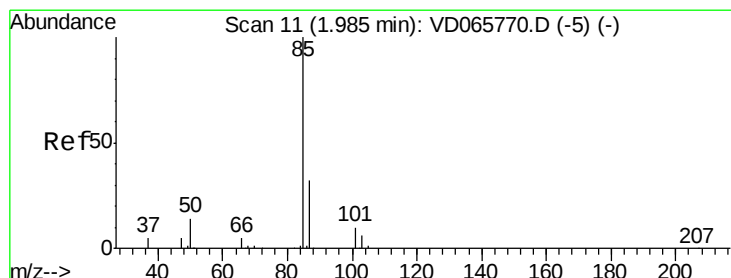
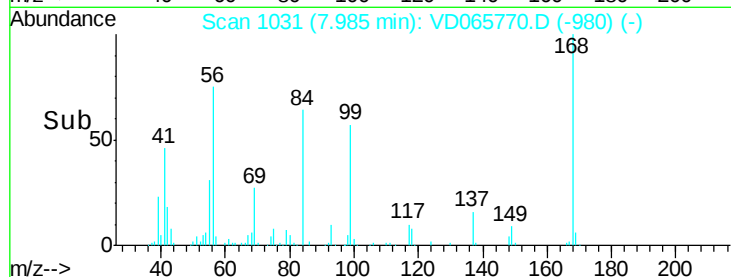
7.90

7.98

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 41.07 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065770.D

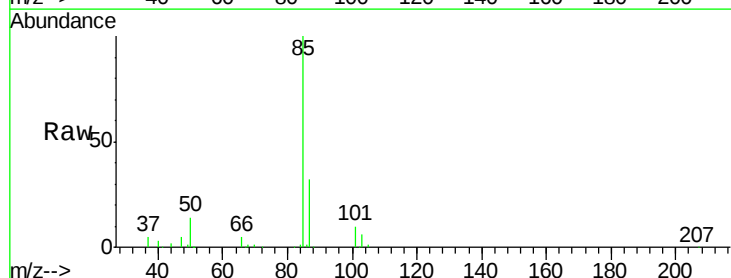
Acq: 05 Jun 2020 11:51

Tgt Ion: 85 Resp: 76509

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

60000

40000

20000

0

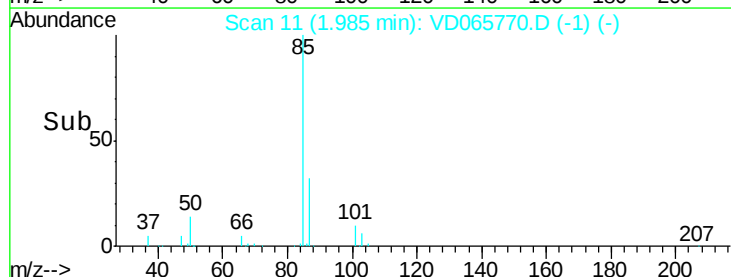
1.90

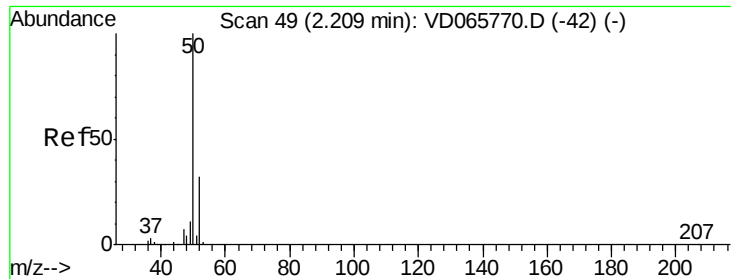
1.95

1.99

2.05

Time-->





#3

Chloromethane

Concen: 42.49 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 134489

Ion Ratio Lower Upper

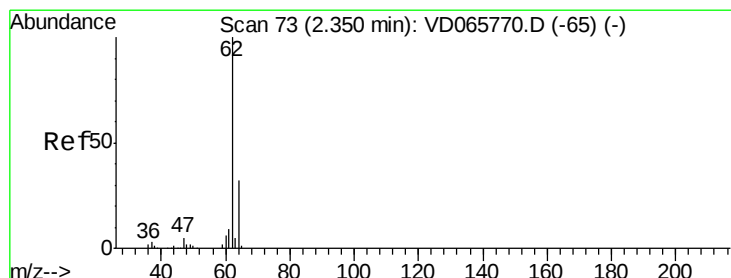
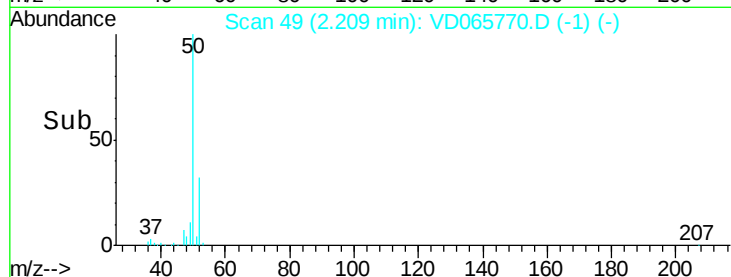
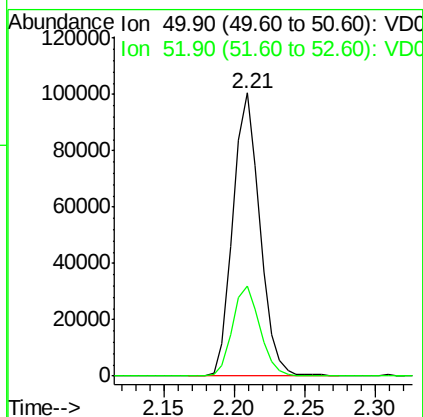
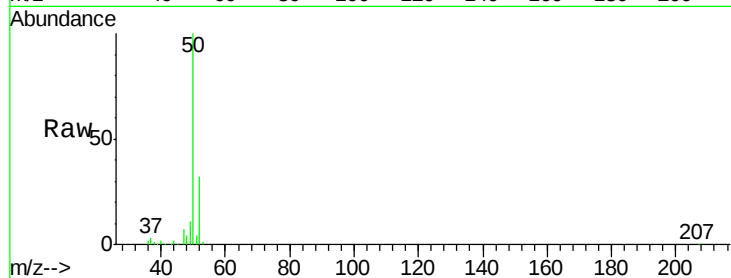
50 100

52 32.0 25.6 38.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 45.03 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065770.D

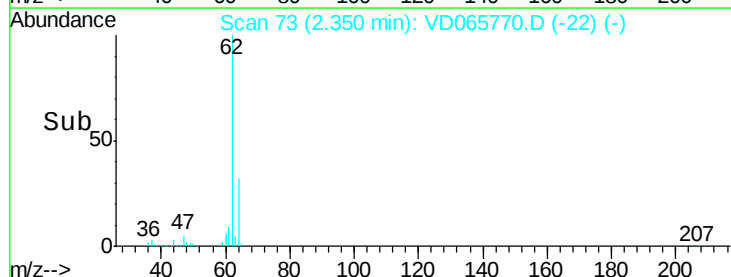
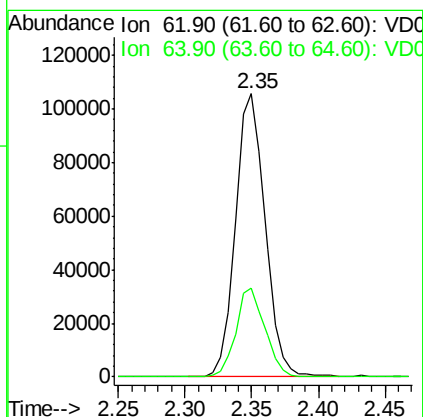
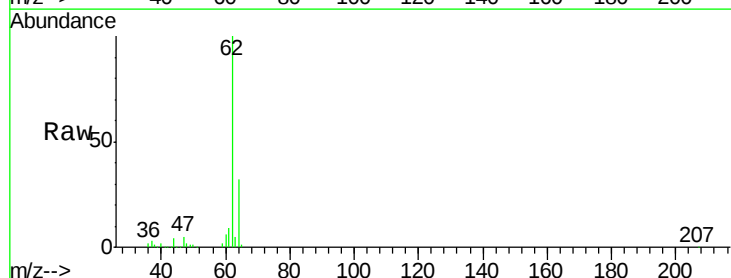
Acq: 05 Jun 2020 11:51

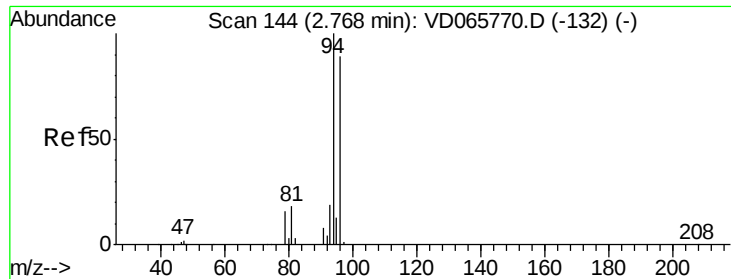
Tgt Ion: 62 Resp: 162731

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 43.57 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 94 Resp: 110172

Ion Ratio Lower Upper

94 100

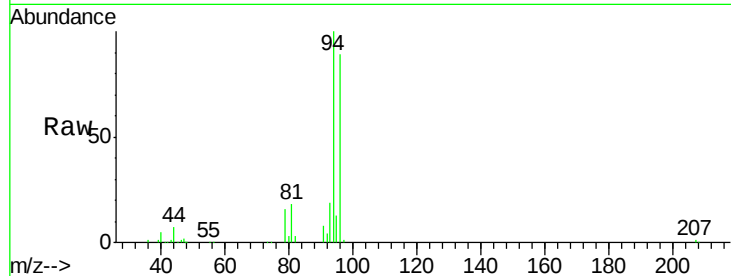
96 89.2 71.4 107.0

Manual Integrations

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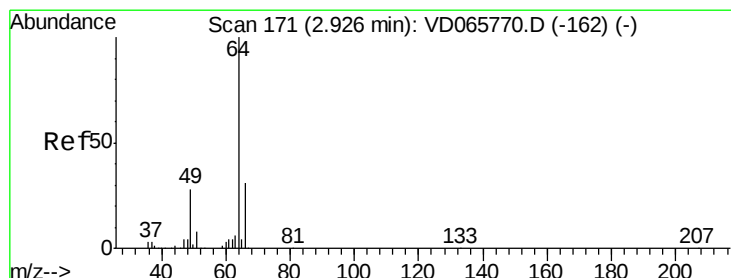
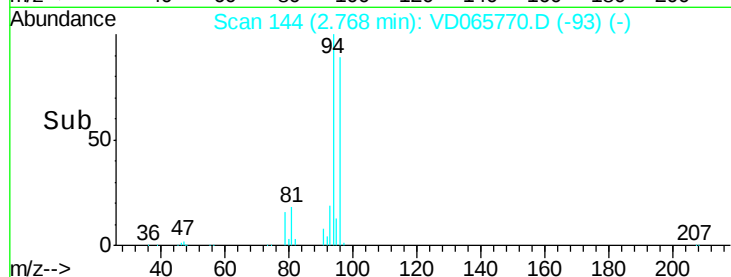
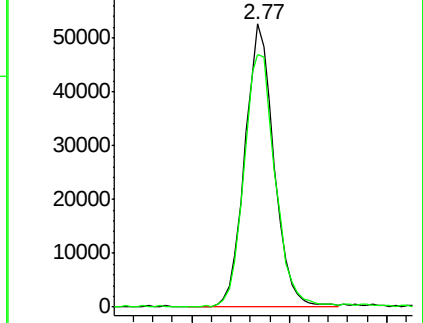
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 45.11 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065770.D

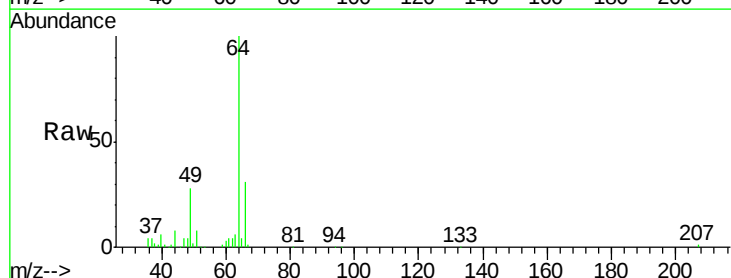
Acq: 05 Jun 2020 11:51

Tgt Ion: 64 Resp: 109903

Ion Ratio Lower Upper

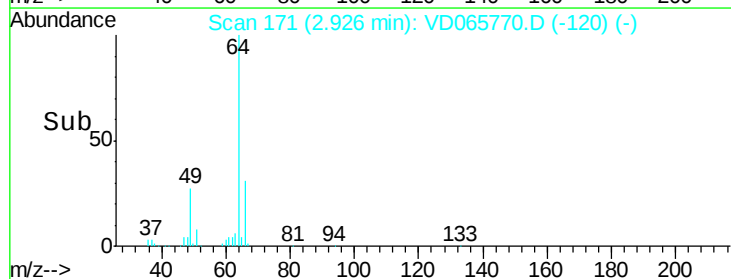
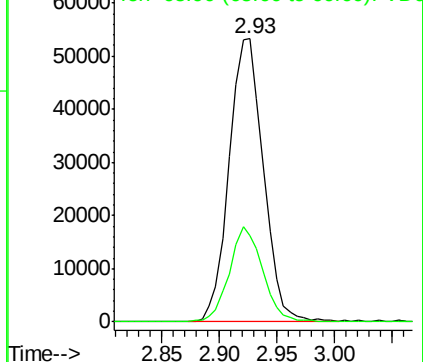
64 100

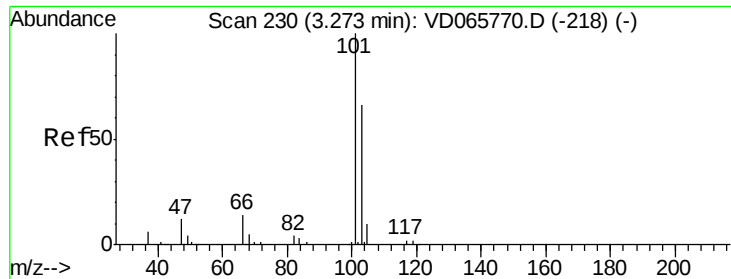
66 30.6 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

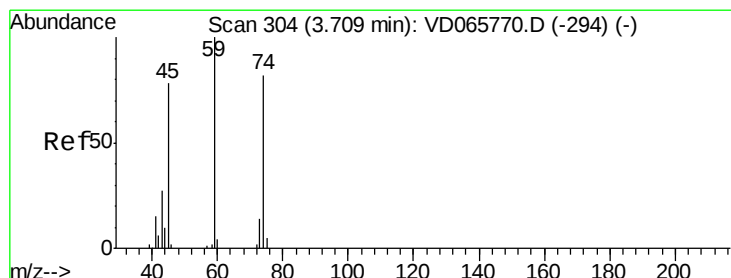
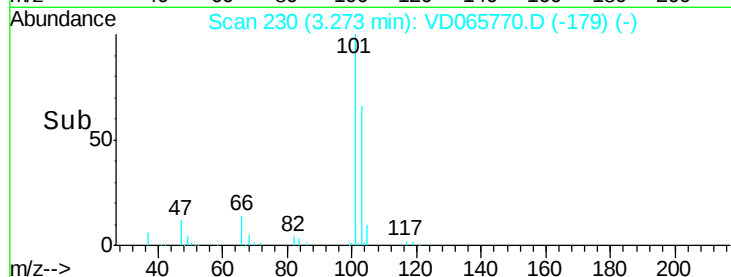
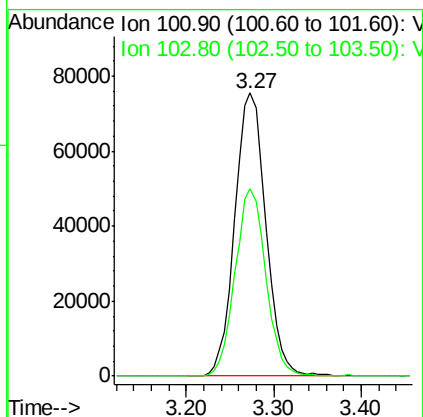
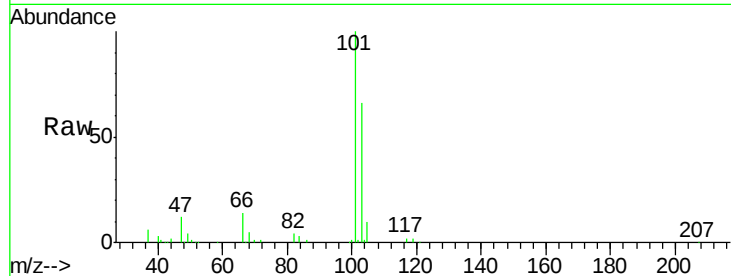
Trichlorofluoromethane
Concen: 44.60 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.4	53.1	79.7

Manual Integrations
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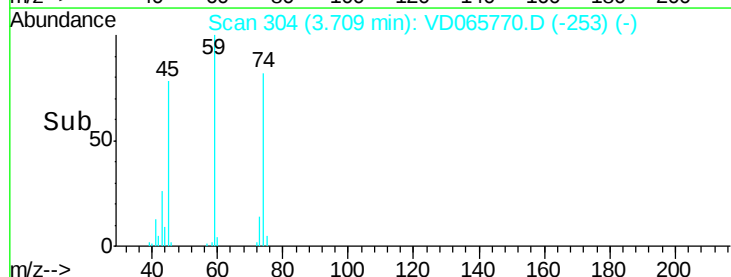
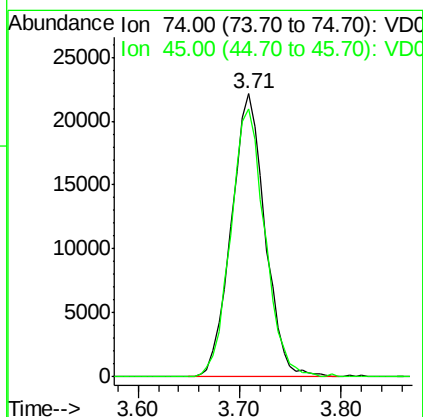
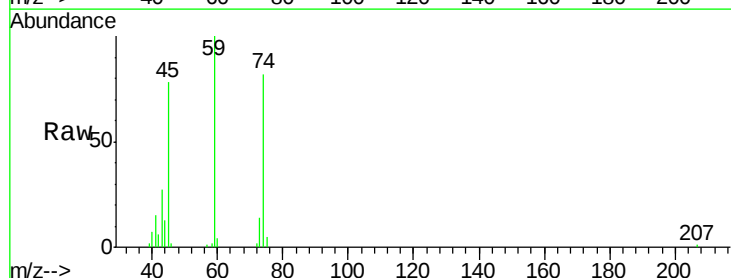
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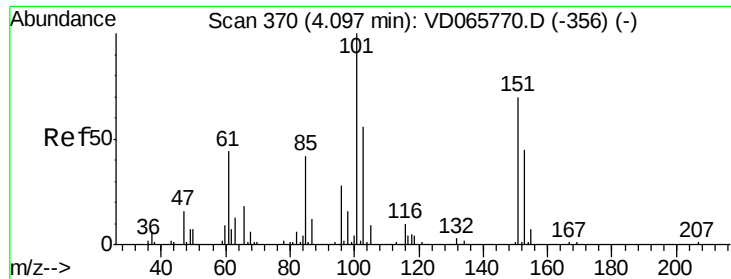


#8

Diethyl Ether
Concen: 49.70 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD065770.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	47.9	143.8





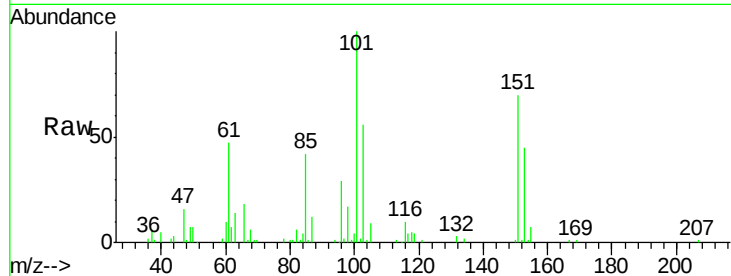
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 44.92 ug/l
 RT: 4.10 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	108367		
85	45.6	36.5	54.7	
151	77.2	61.8	92.6	

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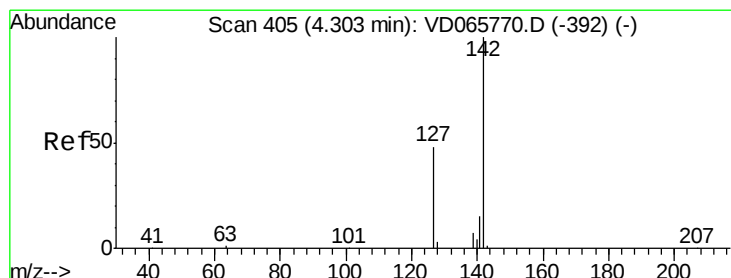
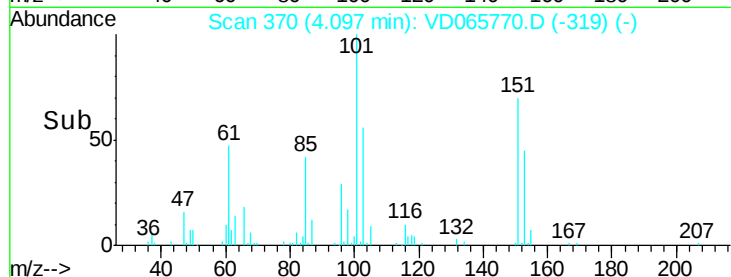
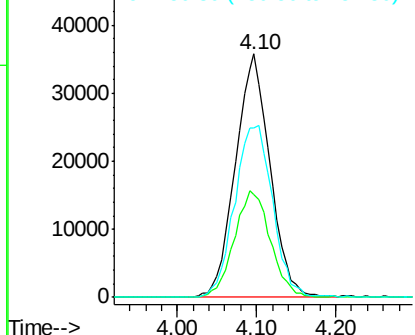


Abundance

Ion 100.90 (100.60 to 101.60): V

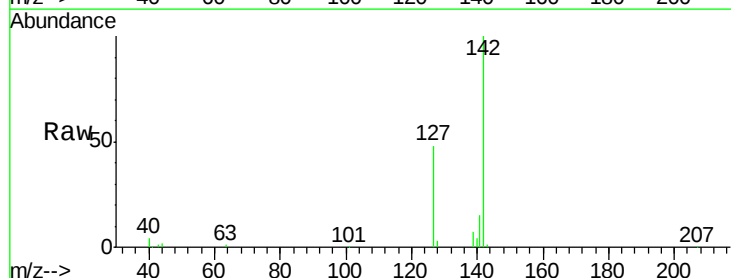
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 54.70 ug/l
 RT: 4.30 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	115106		
127	47.0	37.6	56.4	
141	15.1	12.1	18.1	

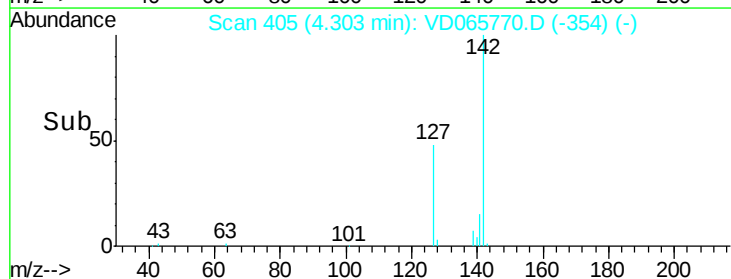
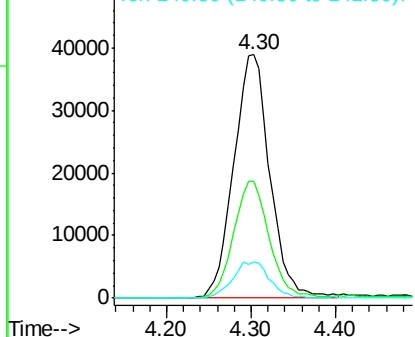


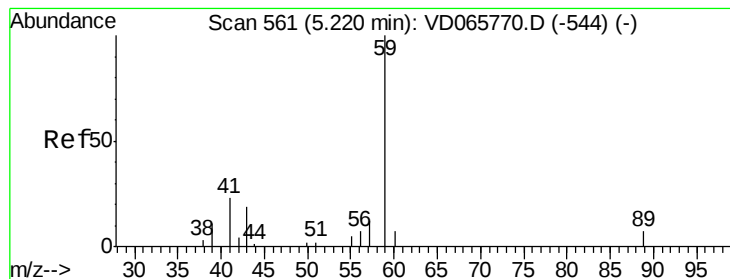
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

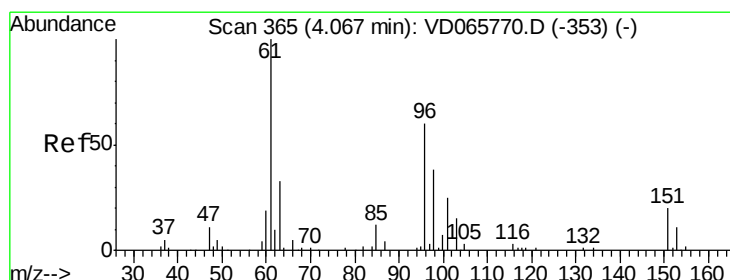
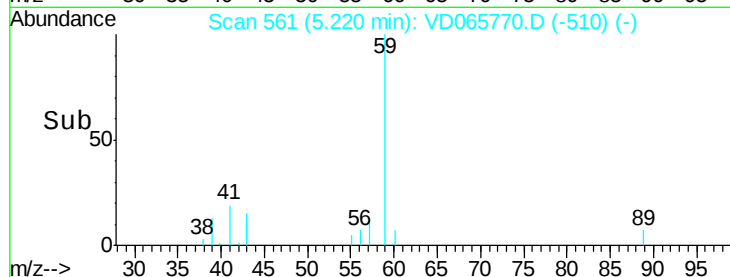
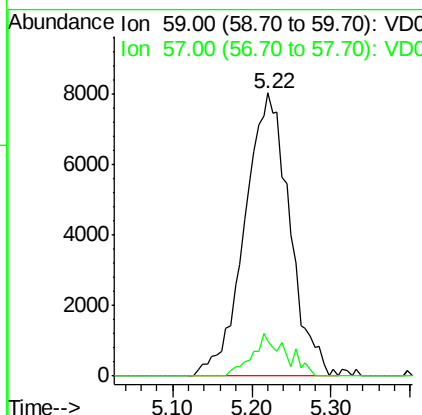
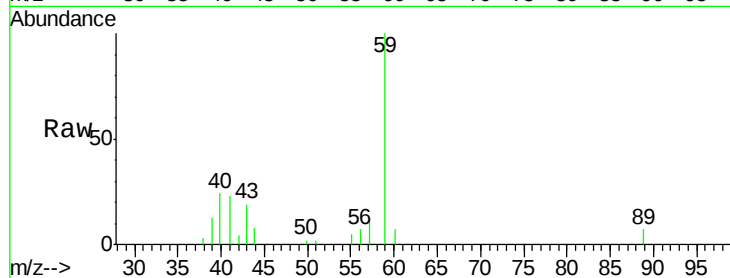
Tert butyl alcohol
 Concen: 170.56 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.5	11.3

Manual Integrations
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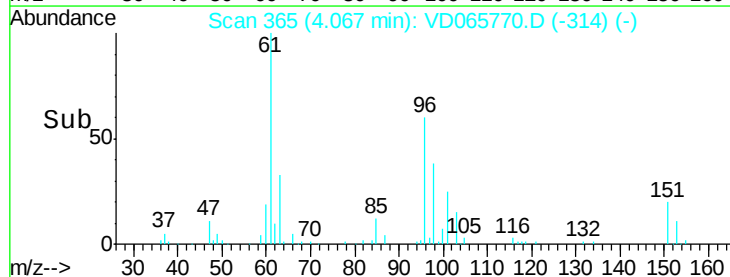
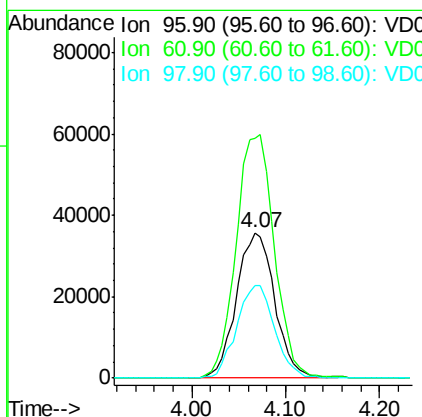
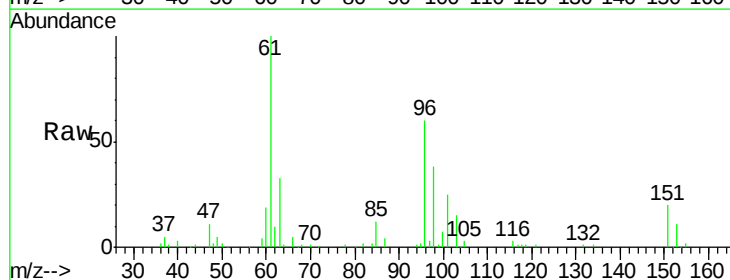
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 6/5/2020 4:12:44 PM



#12

1,1-Dichloroethene
 Concen: 46.64 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.4	132.3	198.5
98	63.4	50.7	76.1





#13

Acrolein

Concen: 213.37 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 29031

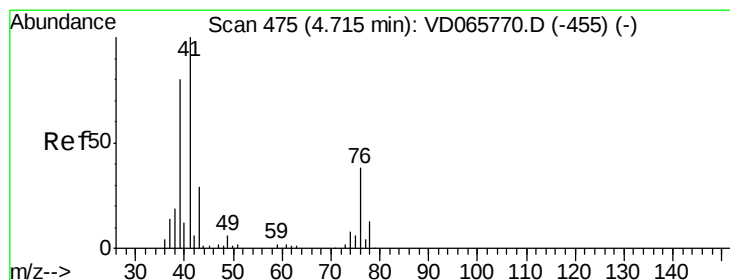
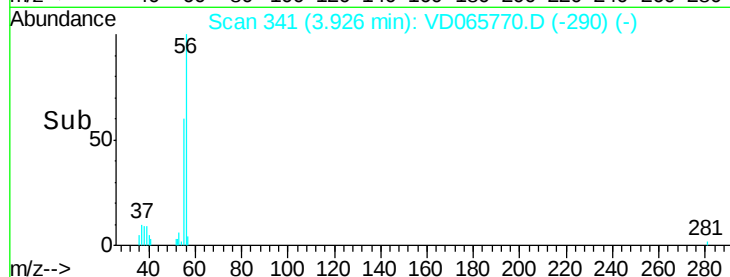
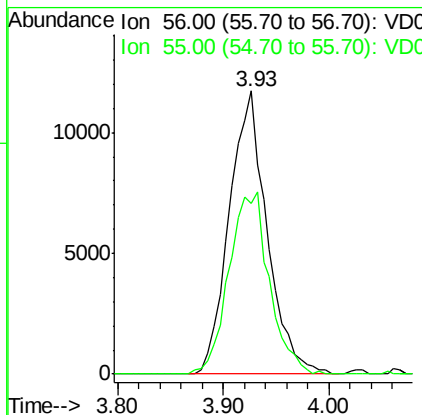
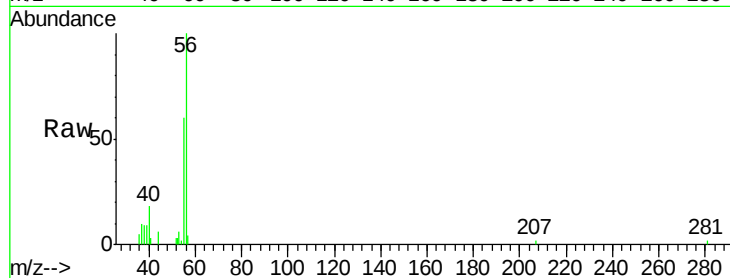
Ion Ratio Lower Upper

56 100

55 68.5 54.8 82.2

Manual Integrations
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#14

Allyl chloride

Concen: 48.74 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

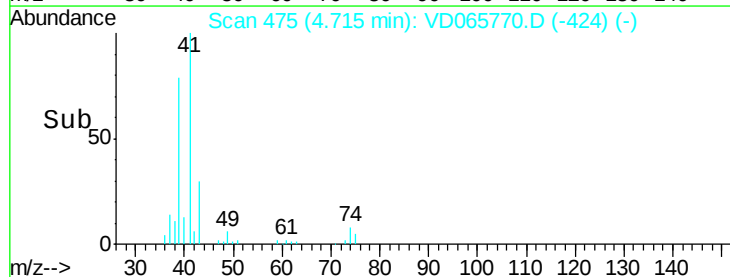
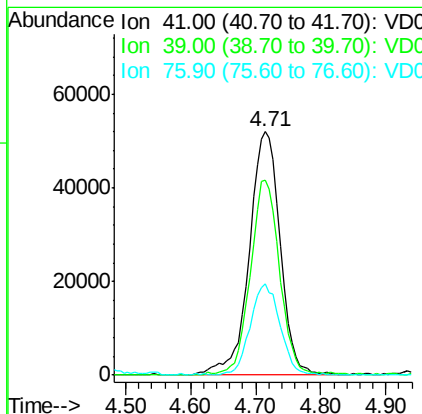
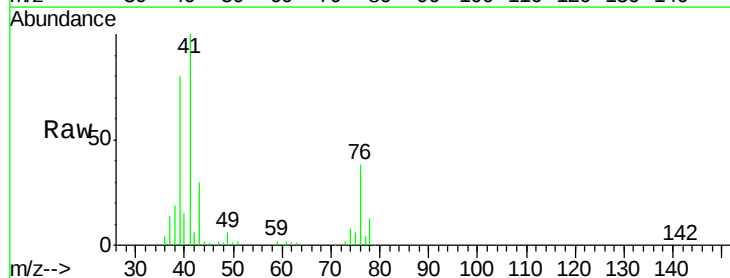
Tgt Ion: 41 Resp: 171149

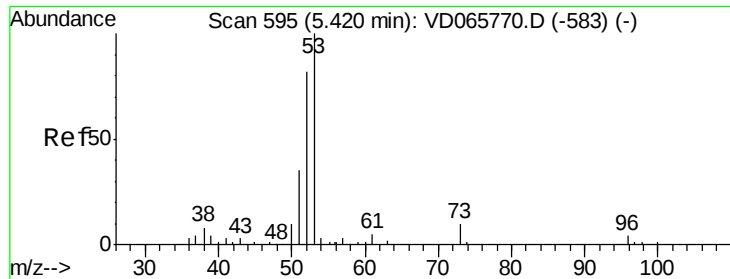
Ion Ratio Lower Upper

41 100

39 76.1 60.9 91.3

76 36.1 28.9 43.3





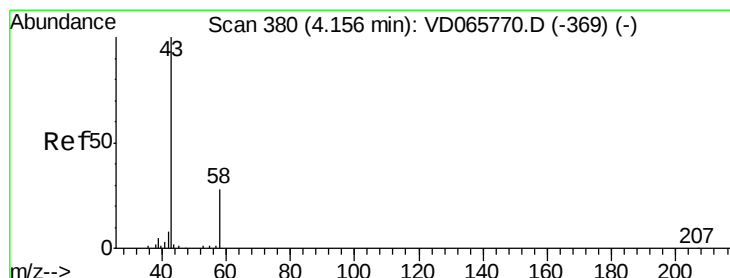
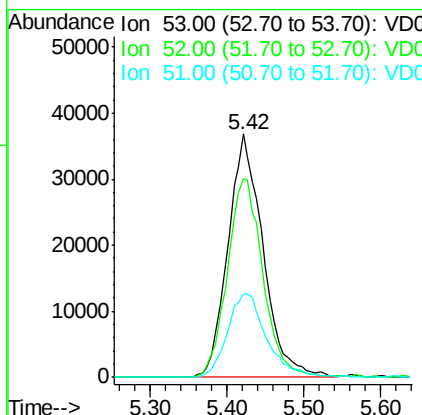
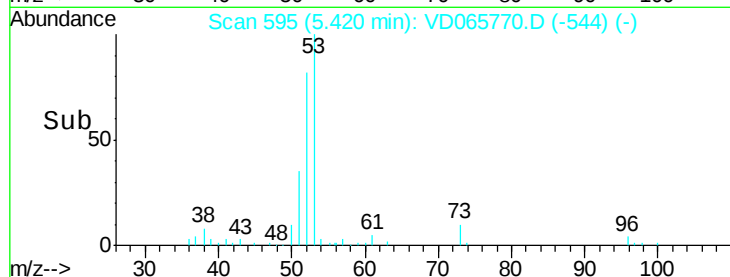
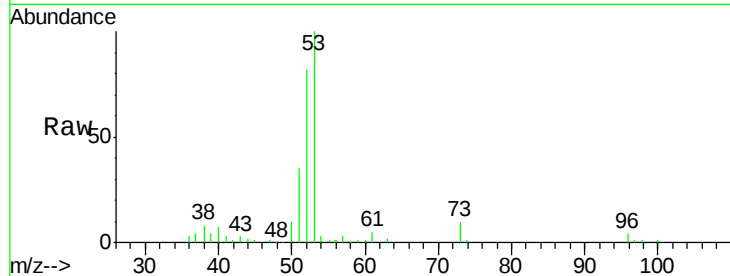
#15
Acrylonitrile
Concen: 251.02 ug/l
RT: 5.42 min Scan# 595
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.2
51	38.4	30.7	46.1

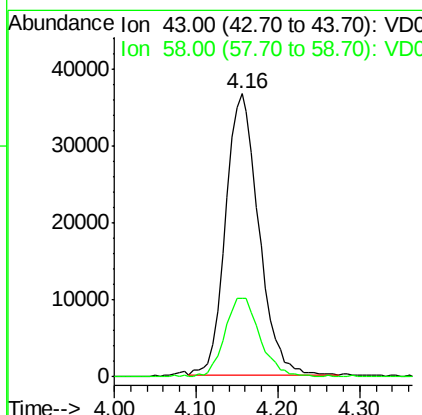
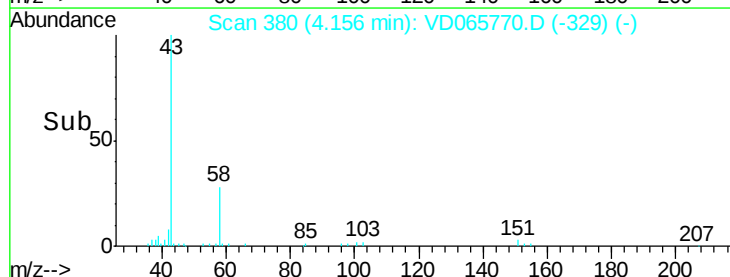
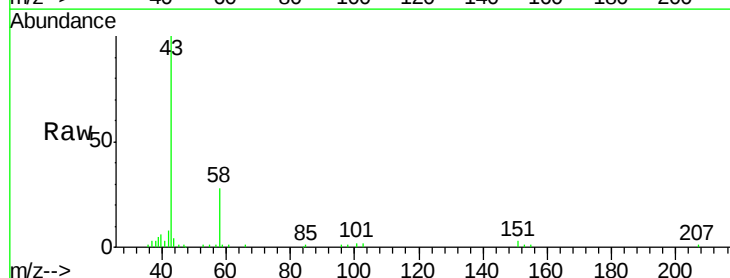
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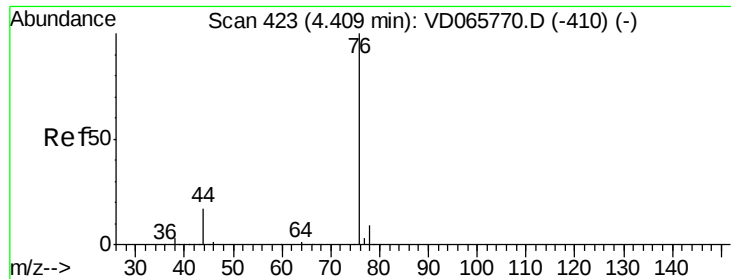
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#16
Acetone
Concen: 239.21 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.3	33.5





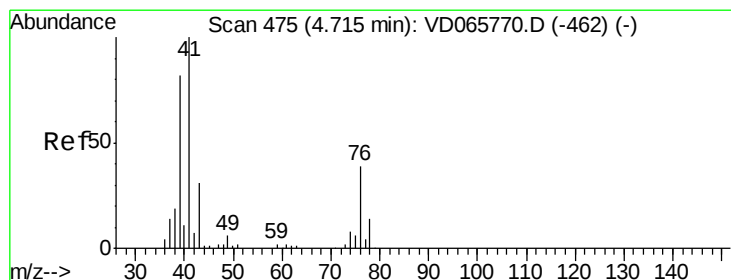
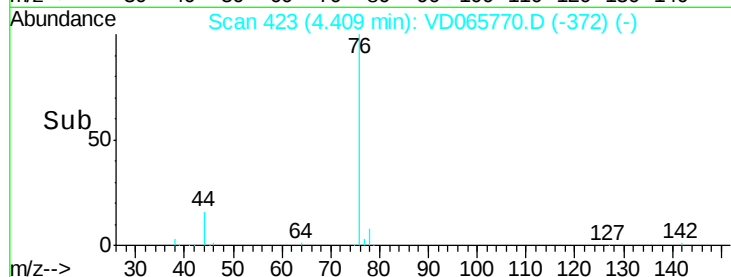
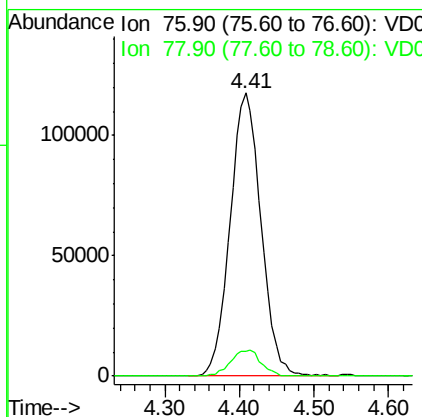
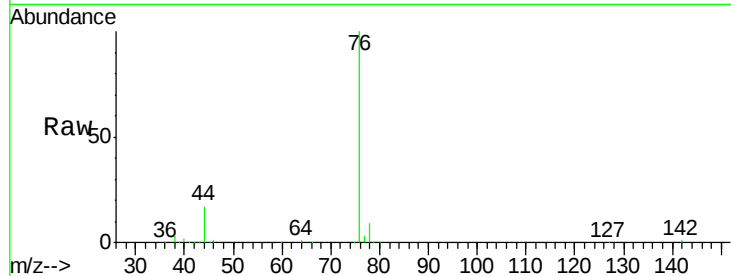
#17
Carbon Disulfide
Concen: 46.31 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

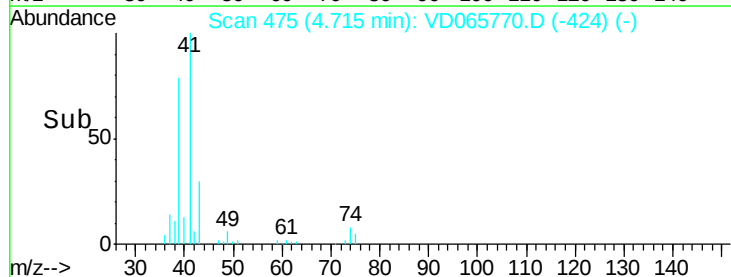
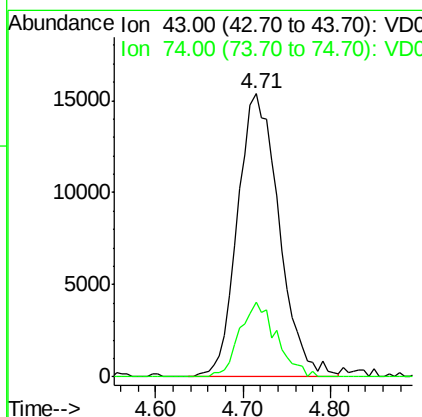
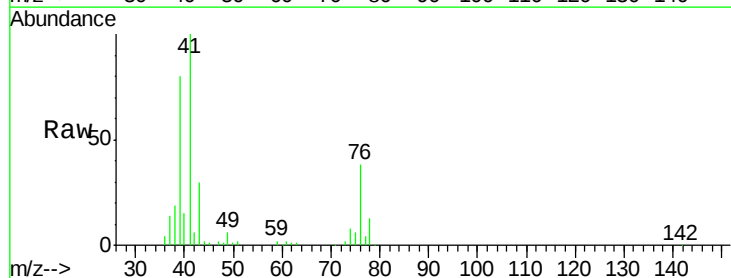
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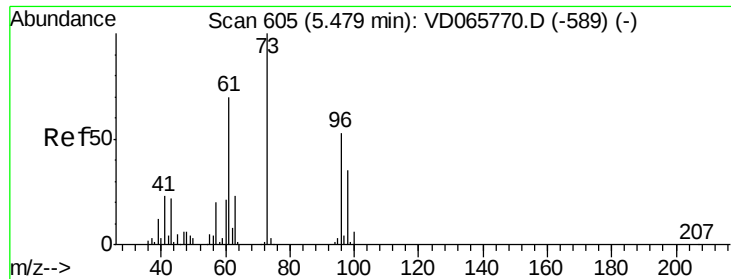
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#18
Methyl Acetate
Concen: 41.73 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.7	28.1





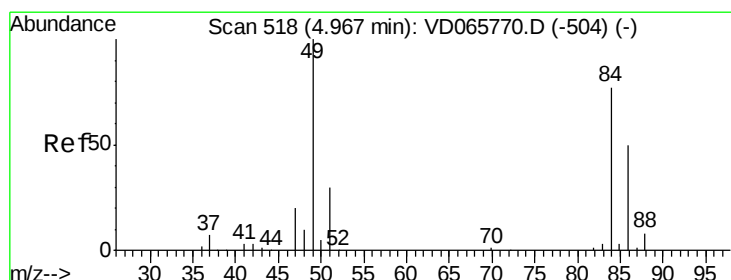
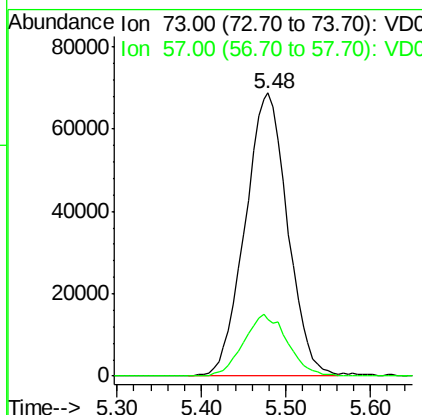
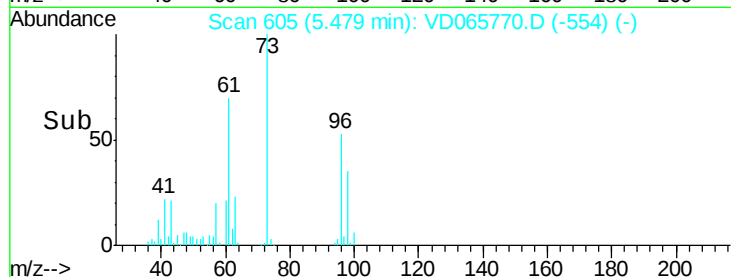
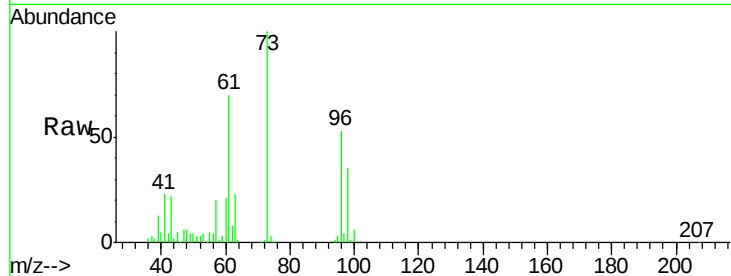
#19
Methyl tert-butyl Ether
Concen: 50.41 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 240170
Ion Ratio Lower Upper
73 100
57 20.2 16.2 24.2

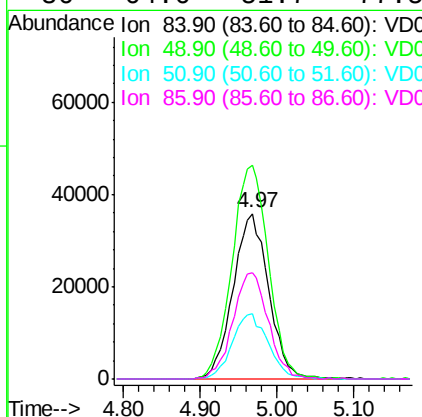
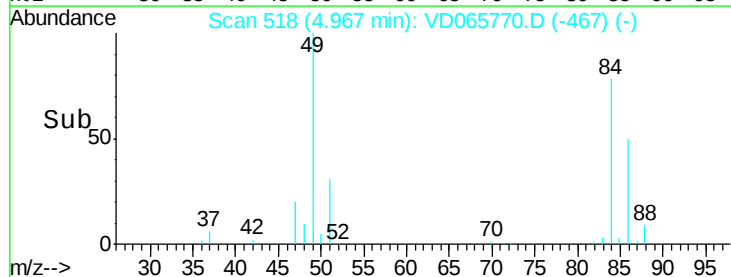
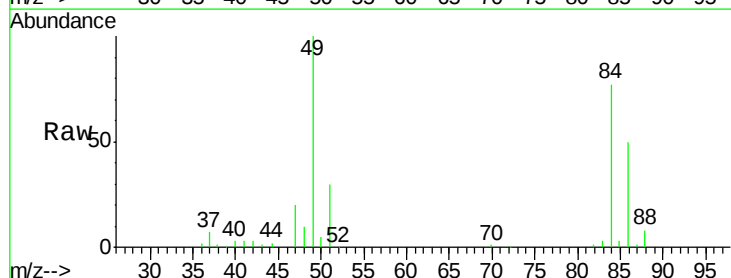
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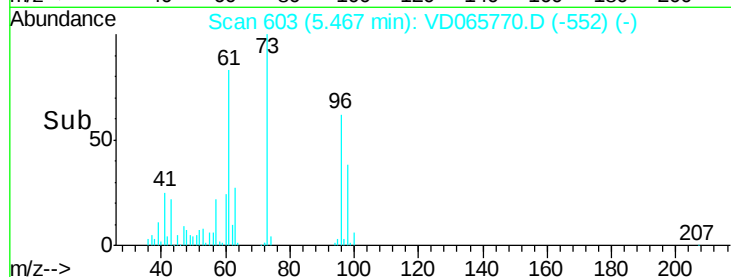
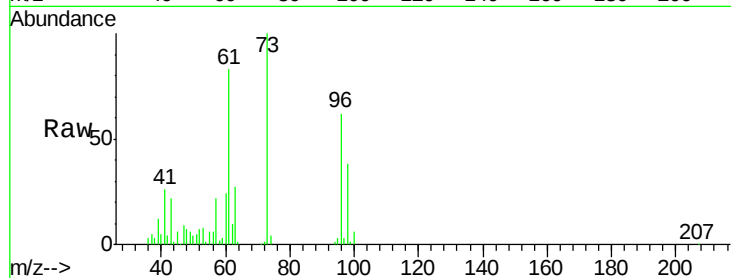
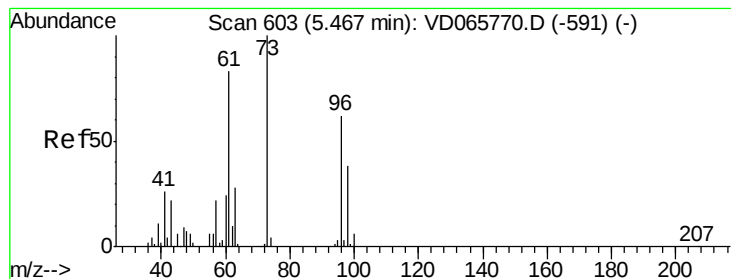
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#20
Methylene Chloride
Concen: 40.82 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion: 84 Resp: 115829
Ion Ratio Lower Upper
84 100
49 129.2 103.4 155.0
51 39.3 31.4 47.2
86 64.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 47.85 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065770.D

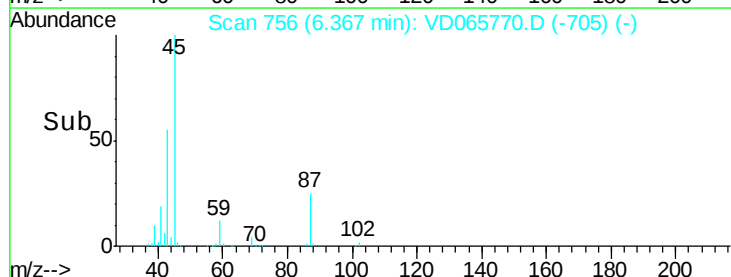
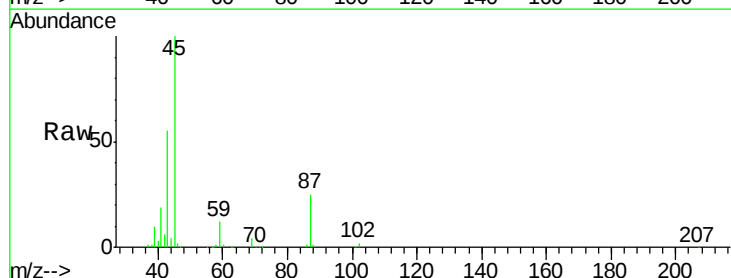
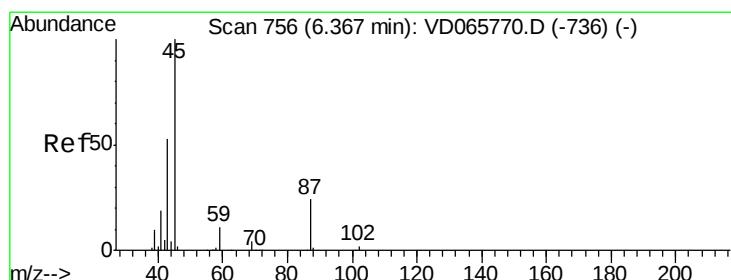
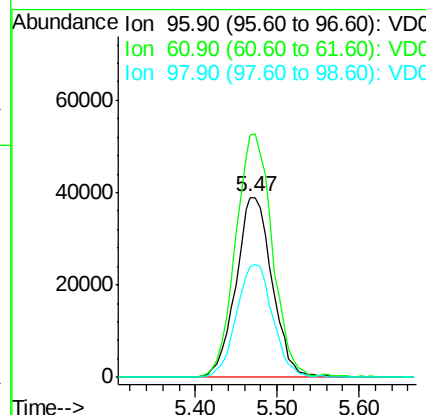
Acq: 05 Jun 2020 11:51

Tgt Ion:	96	Resp:	119805
Ion	Ratio	Lower	Upper
96	100		
61	134.6	107.7	161.5
98	61.6	49.3	73.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

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#22

Diisopropyl ether

Concen: 50.21 ug/l

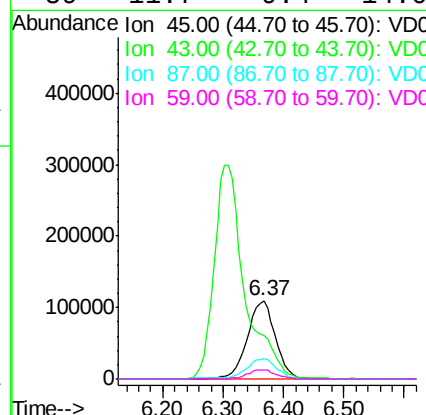
RT: 6.37 min Scan# 756

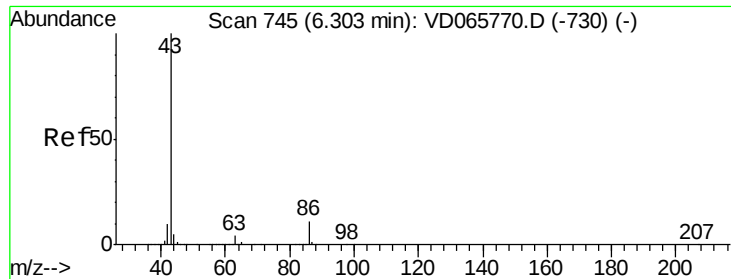
Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Tgt Ion:	45	Resp:	354370
Ion	Ratio	Lower	Upper
45	100		
43	54.2	43.4	65.0
87	25.3	20.2	30.4
59	11.7	9.4	14.0





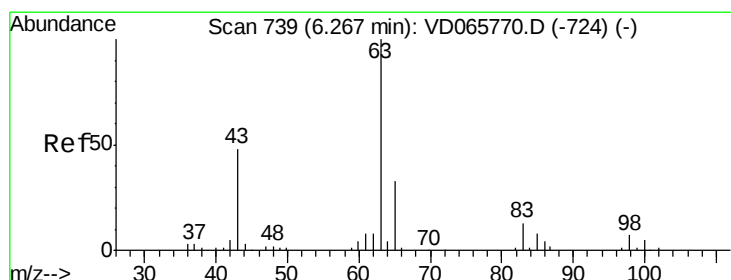
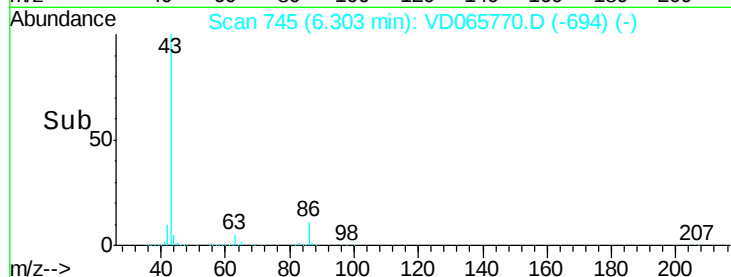
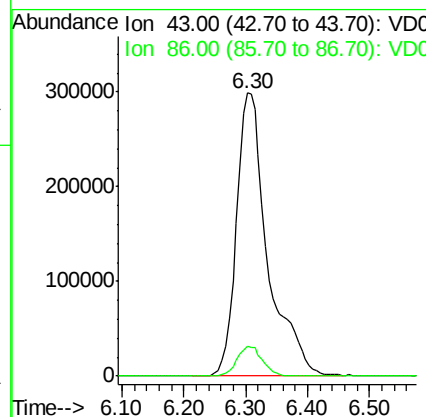
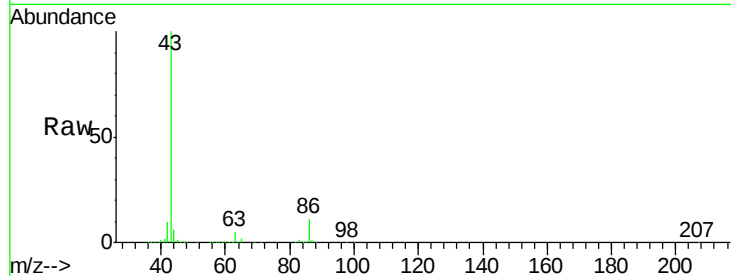
#23
 Vinyl Acetate
 Concen: 271.73 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1050469
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.5 12.7

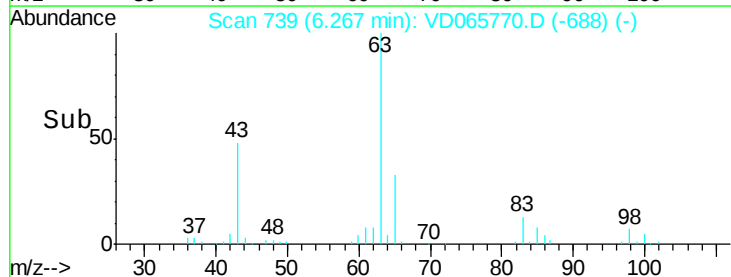
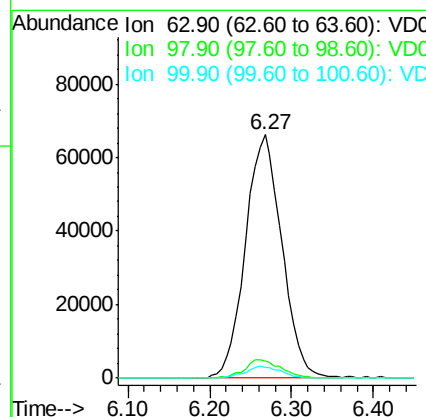
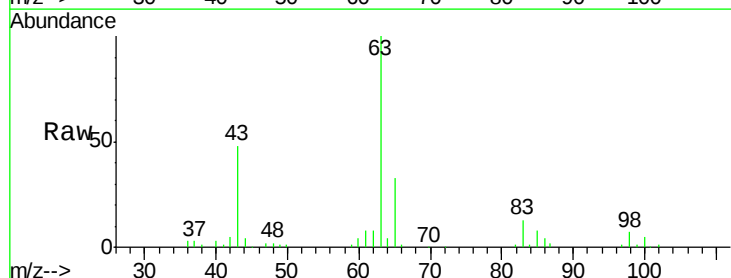
Manual Integrations
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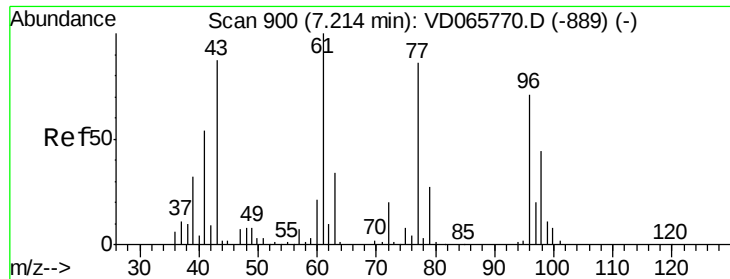
MMDadoda
 6/5/2020 4:12:44 PM



#24
 1,1-Dichloroethane
 Concen: 47.08 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion: 63 Resp: 205771
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.6 2.3 6.9





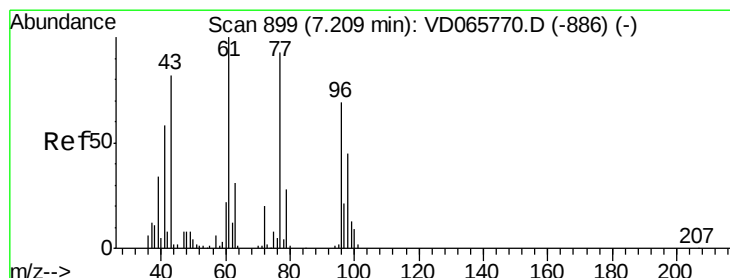
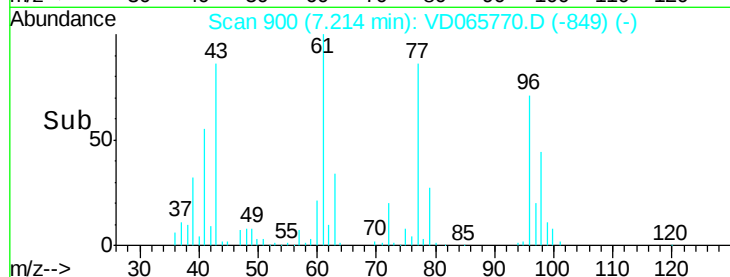
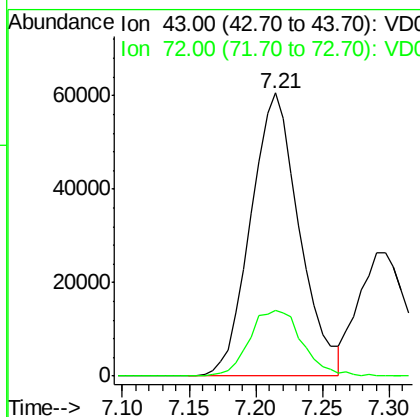
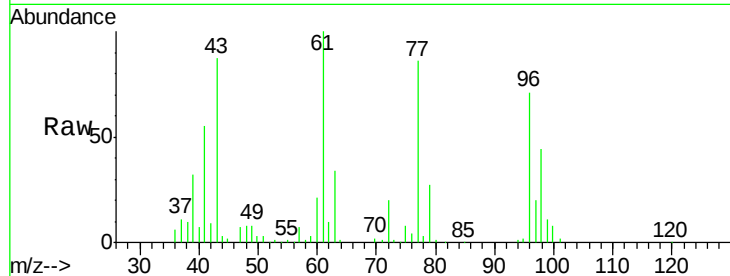
#25
2-Butanone
Concen: 256.96 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 153278
Ion Ratio Lower Upper
43 100
72 23.1 18.5 27.7

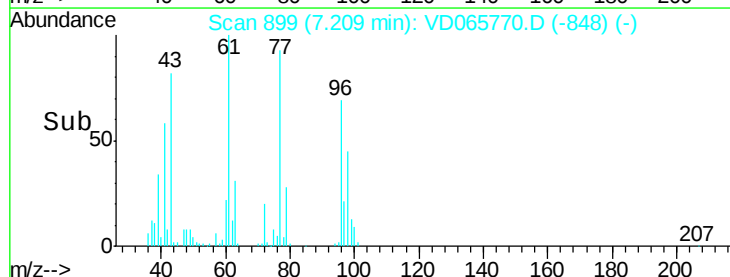
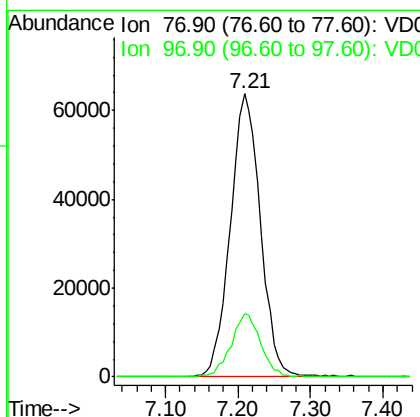
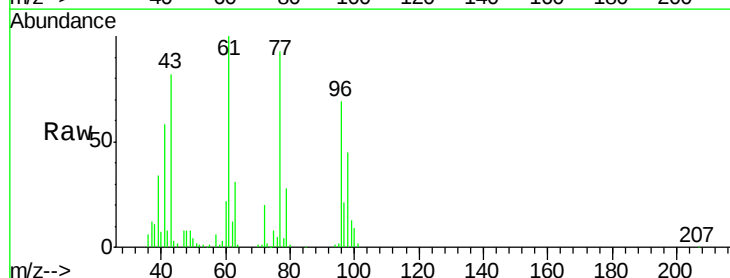
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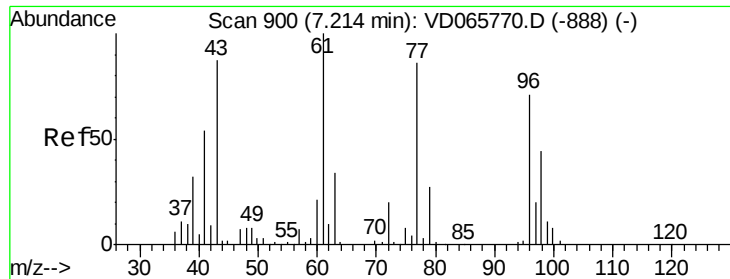
MMDadoda
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#26
2,2-Dichloropropane
Concen: 47.32 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion: 77 Resp: 183758
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.7





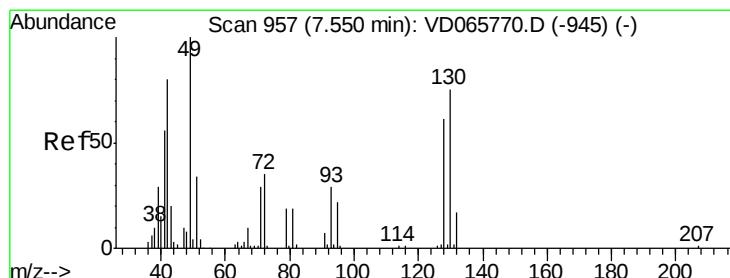
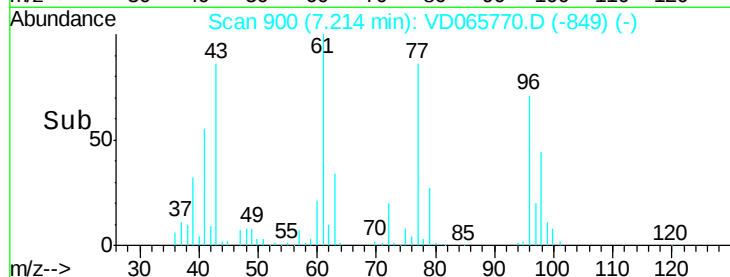
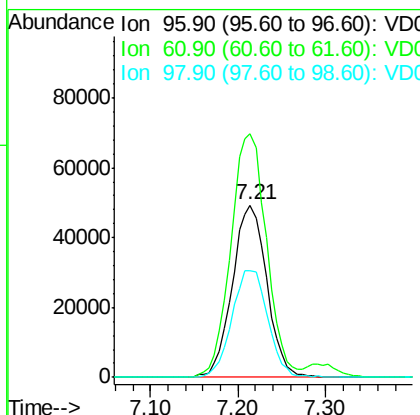
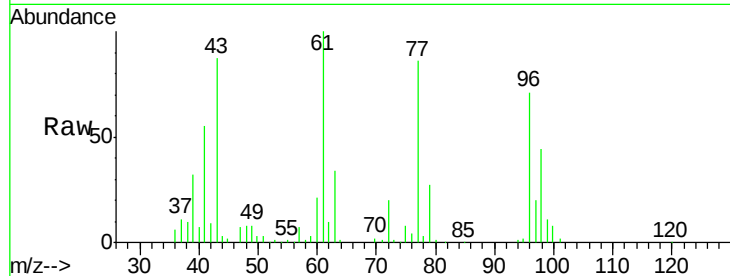
#27
 cis-1,2-Dichloroethene
 Concen: 49.60 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	291.2
98	64.4	0.0	128.8

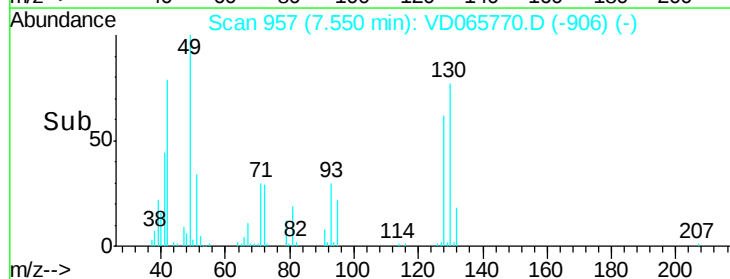
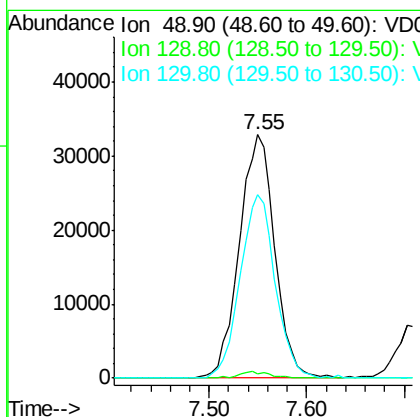
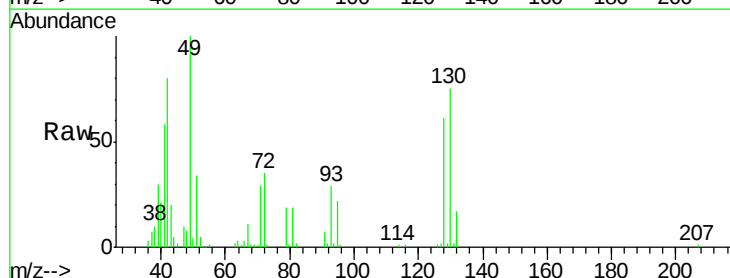
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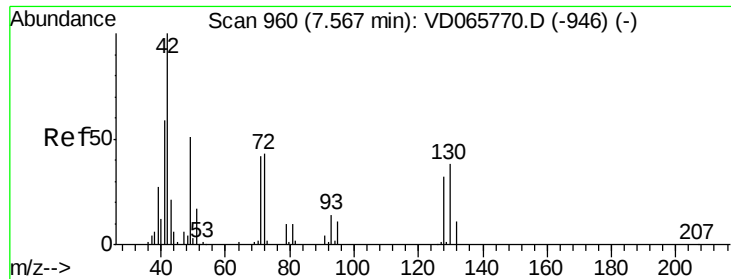
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#28
 Bromochloromethane
 Concen: 50.68 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	74.4	59.5	89.3





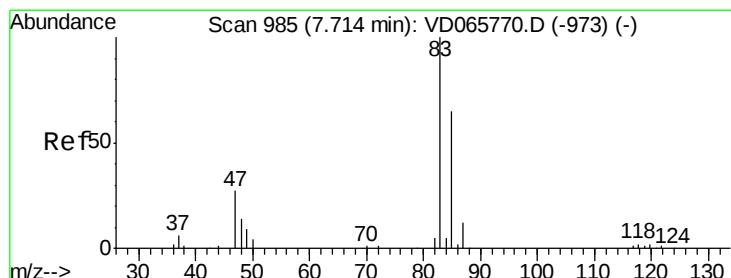
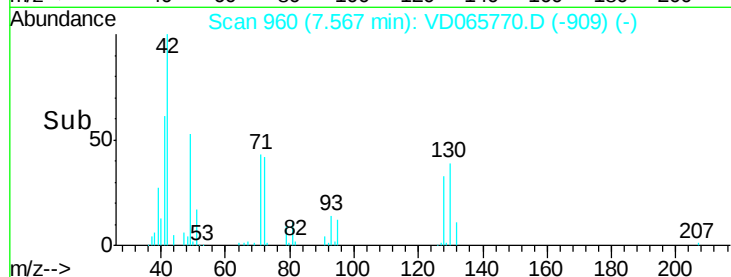
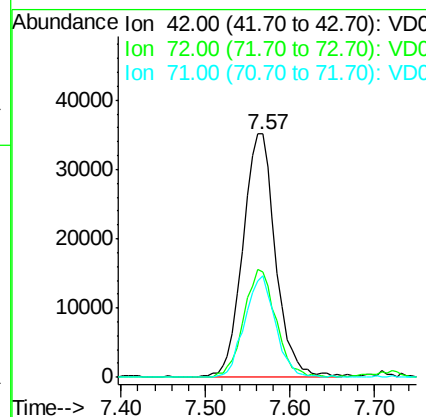
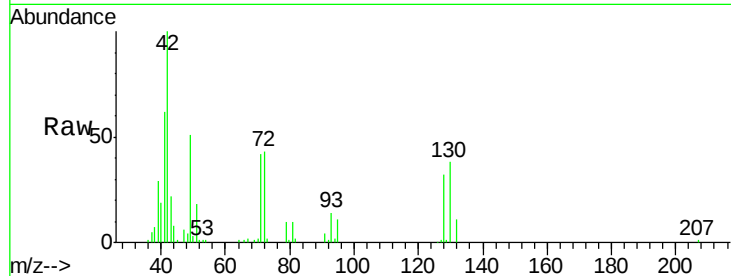
#29
Tetrahydrofuran
Concen: 251.28 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.9	52.3
71	39.0	31.2	46.8

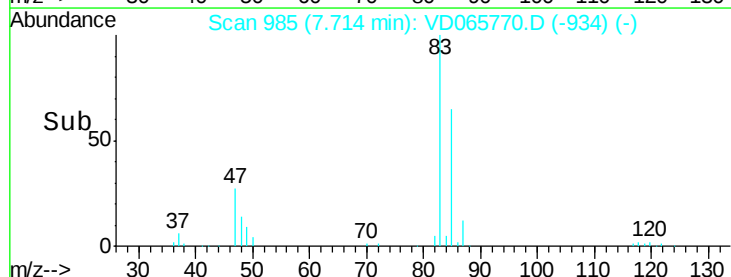
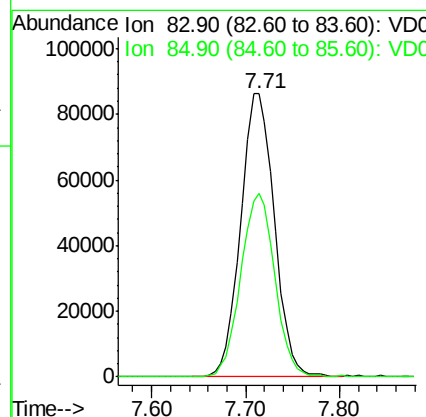
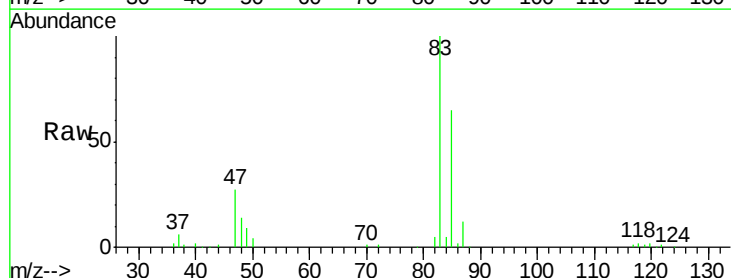
Manual Integrations
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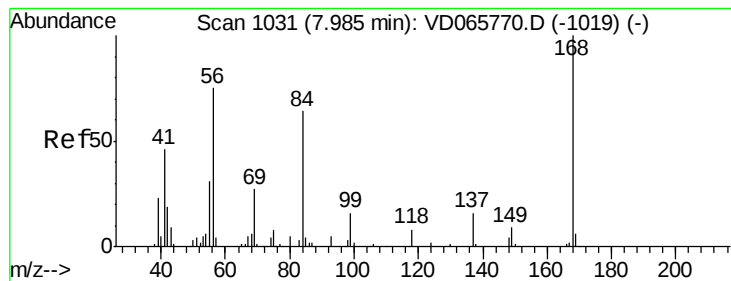
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#30
Chloroform
Concen: 47.45 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.9	77.9





#31

Cyclohexane

Concen: 44.41 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 190970
Ion Ratio Lower Upper

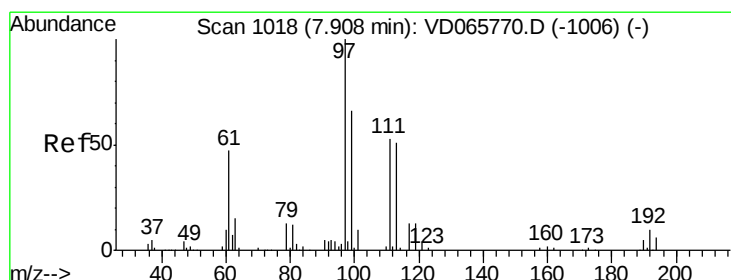
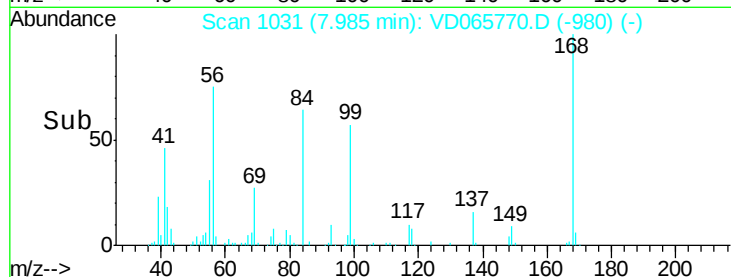
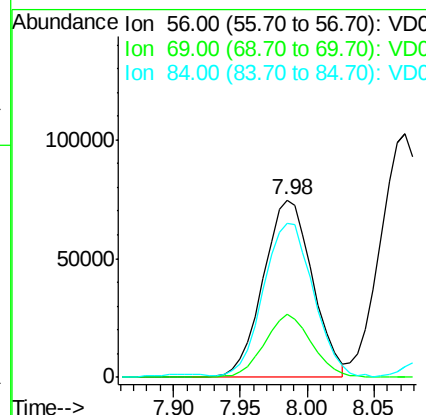
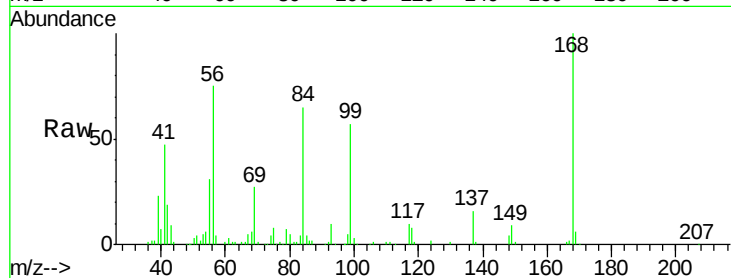
56 100

69 35.6 28.5 42.7

84 85.5 68.4 102.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.39 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD065770.D

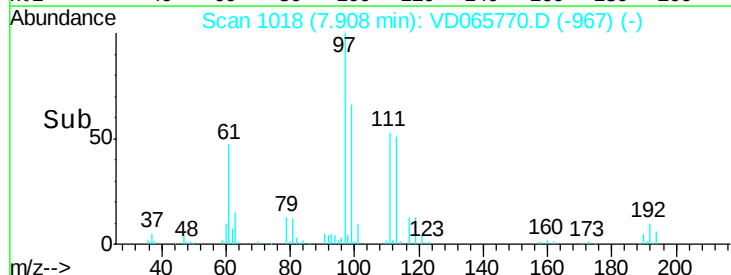
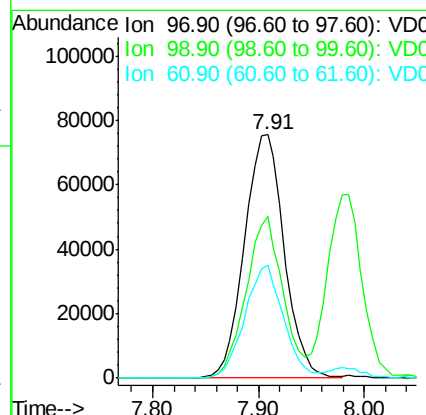
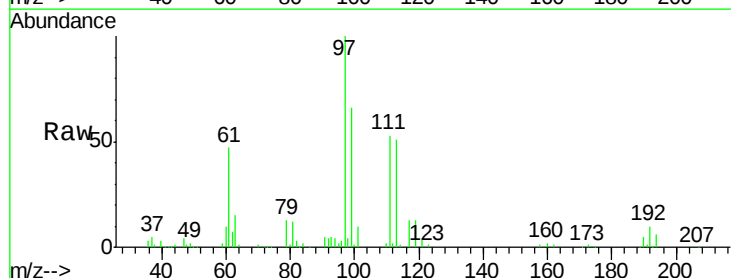
Acq: 05 Jun 2020 11:51

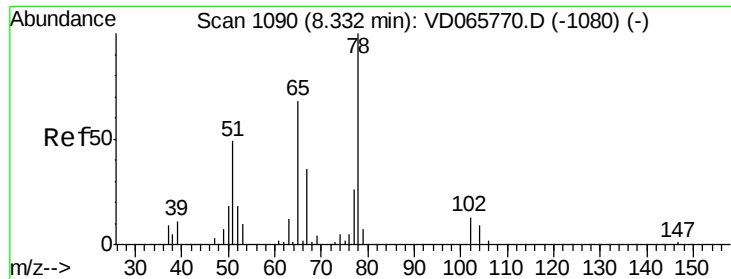
Tgt Ion: 97 Resp: 197327
Ion Ratio Lower Upper

97 100

99 61.5 49.2 73.8

61 45.0 36.0 54.0





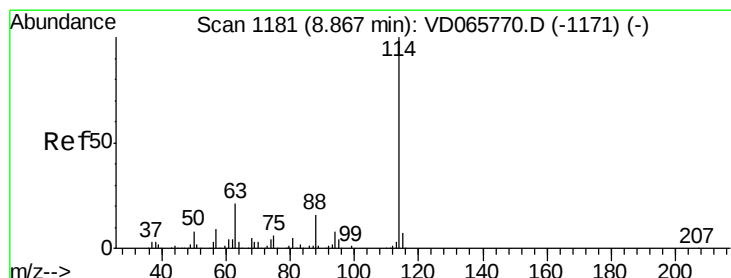
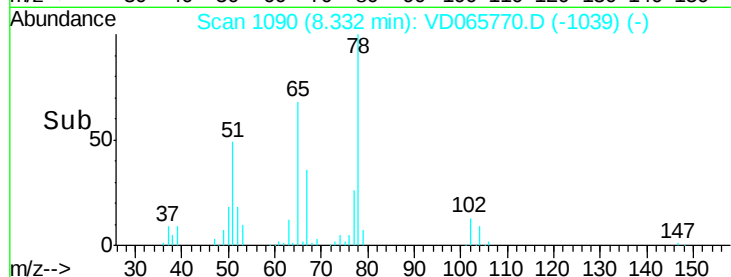
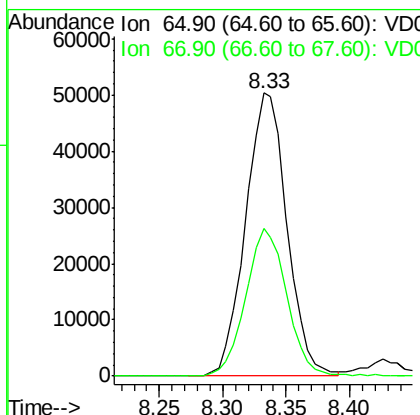
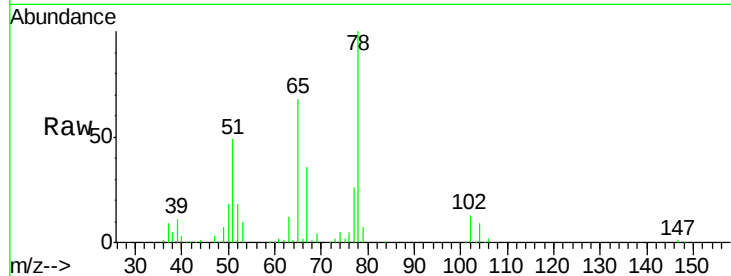
#33
 1,2-Dichloroethane-d4
 Concen: 49.90 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	114167		
67	51.8	0.0	103.6	

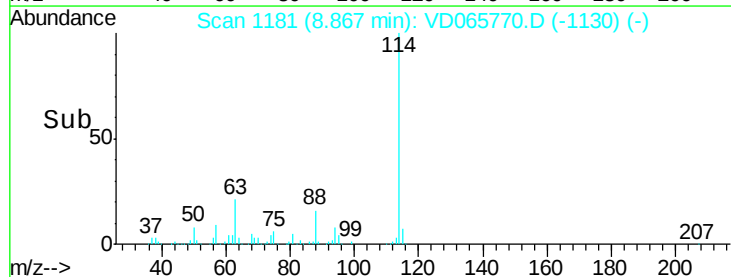
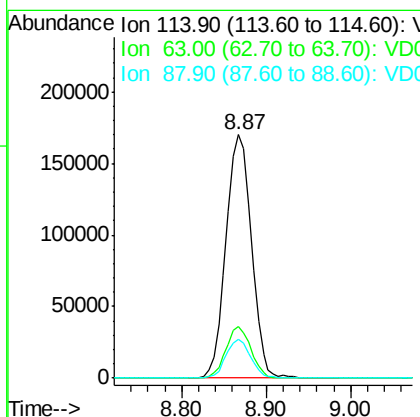
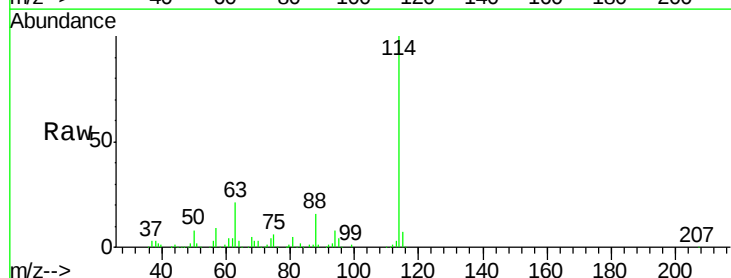
Manual Integrations
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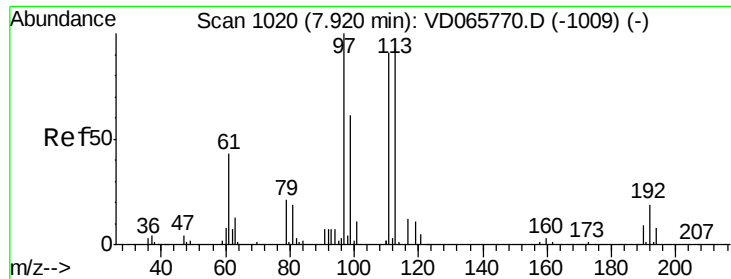
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	354340		
63	20.9	0.0	41.8	
88	16.0	0.0	32.0	





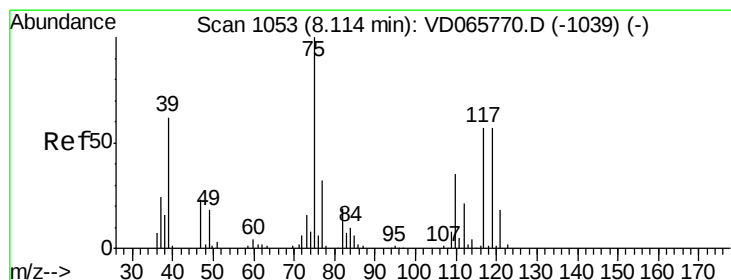
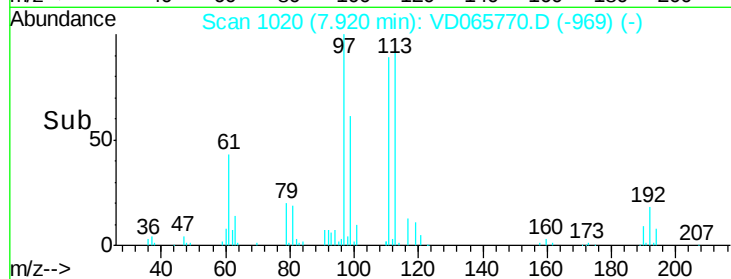
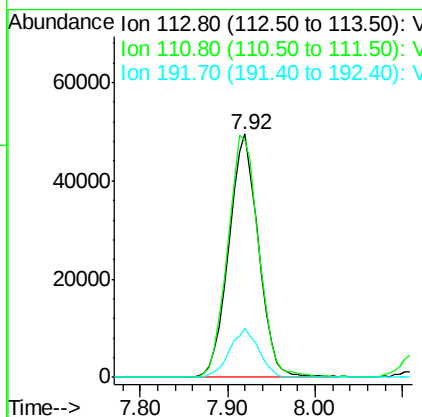
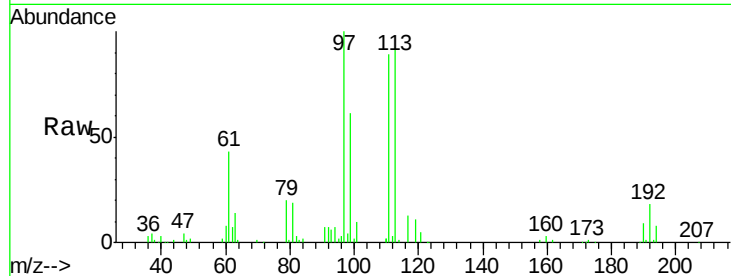
#35
 Dibromofluoromethane
 Concen: 50.85 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.4	125.0
192	19.6	15.7	23.5

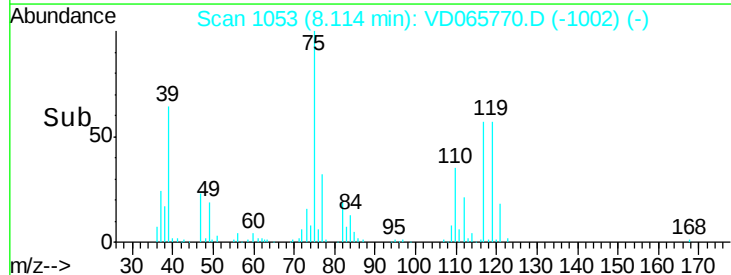
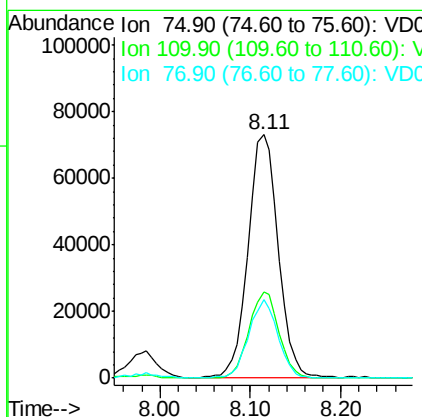
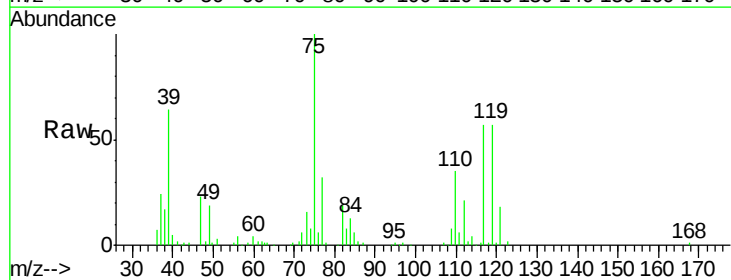
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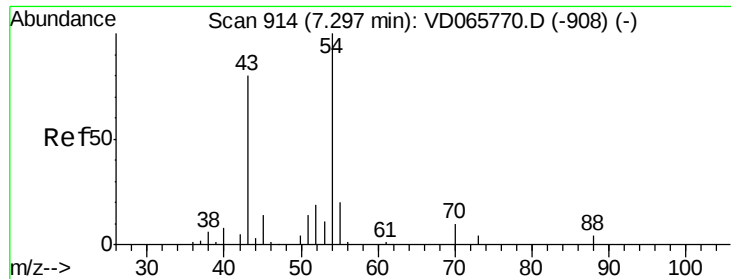
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#36
 1,1-Dichloropropene
 Concen: 48.58 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.6	52.8
77	31.4	25.1	37.7





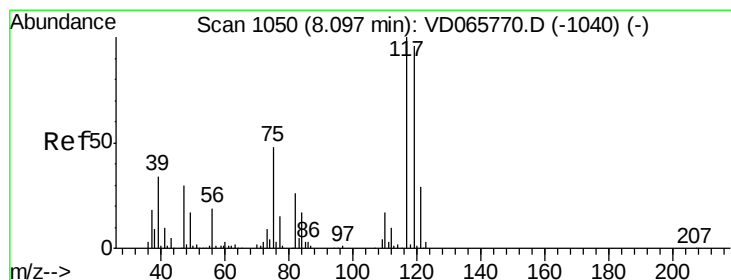
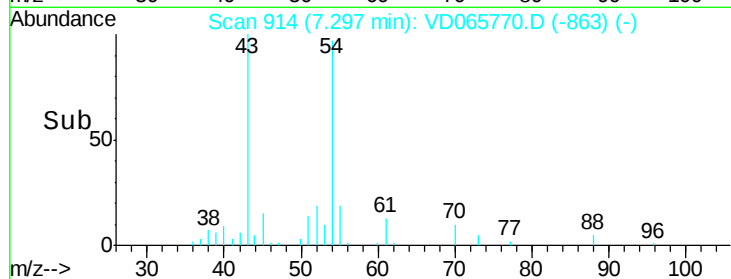
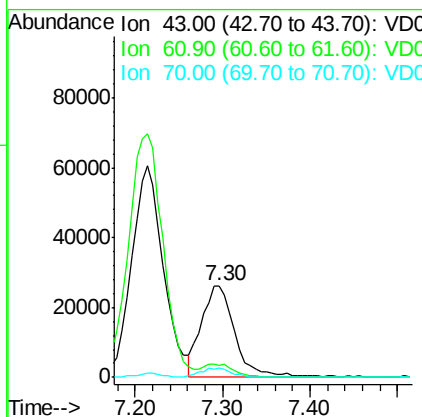
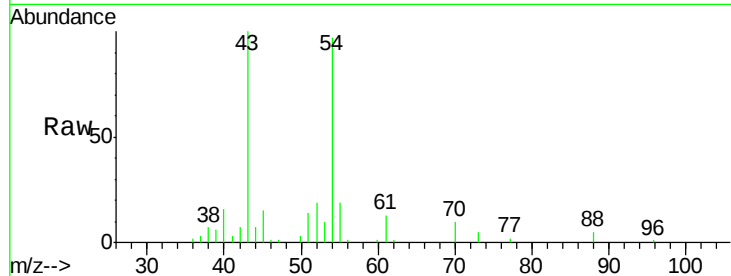
#37
Ethyl Acetate
Concen: 51.23 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.6	15.8
70	9.4	7.5	11.3

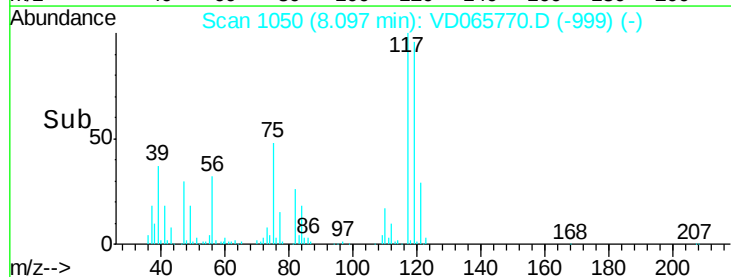
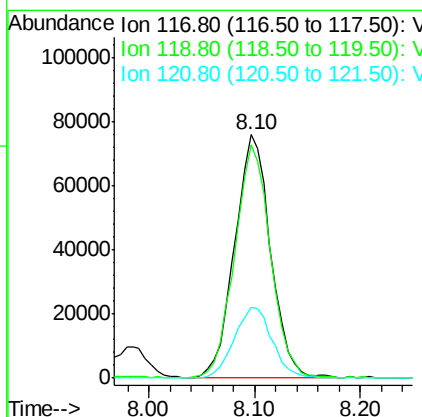
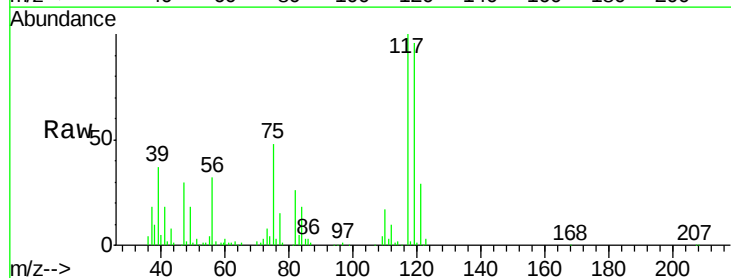
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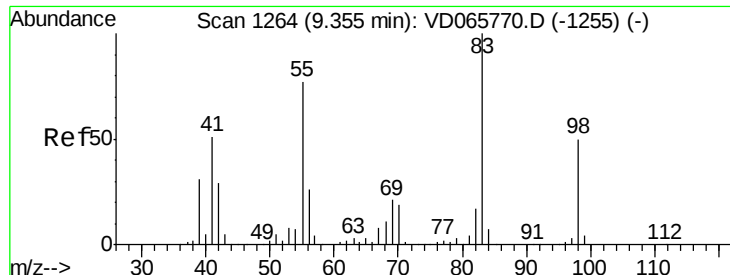
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#38
Carbon Tetrachloride
Concen: 48.86 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.8	115.2
121	29.3	23.4	35.2





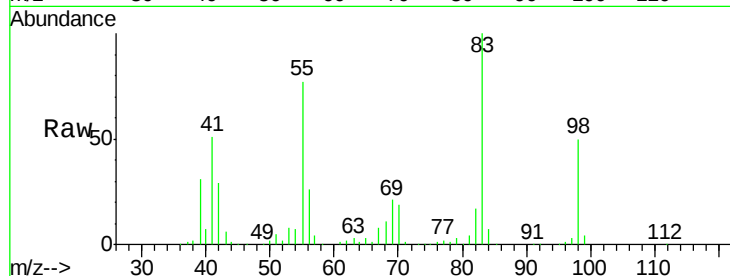
#39
Methylcyclohexane
Concen: 50.38 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

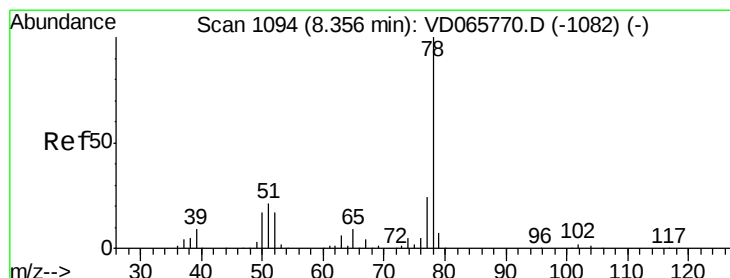
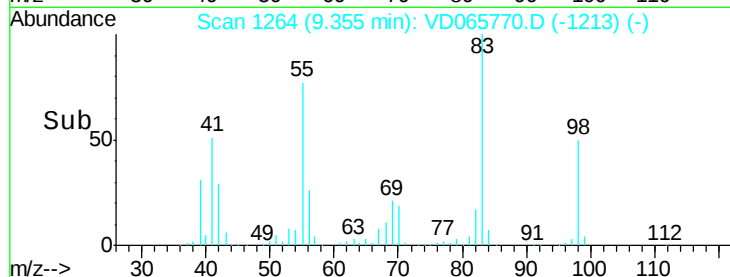
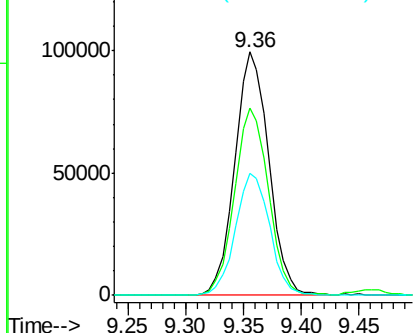
Tgt Ion	Ratio	Resp	Lower	Upper
83	100	203785		
55	77.0	61.6	92.4	
98	50.2	40.2	60.2	

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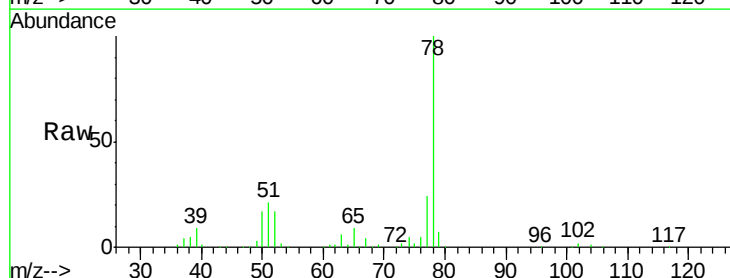


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

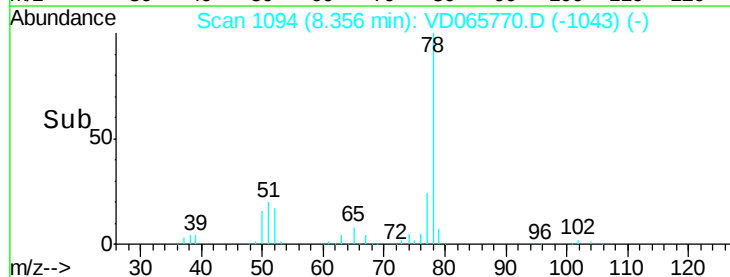
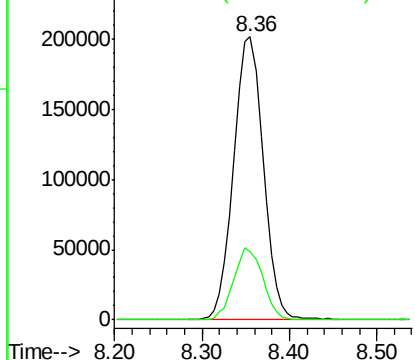


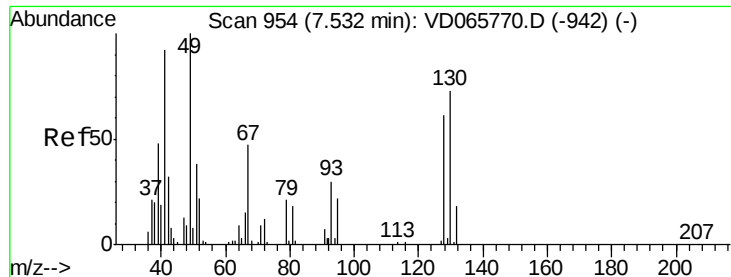
#40
Benzene
Concen: 49.42 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	465232		
77	24.0	19.2	28.8	



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 54.04 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

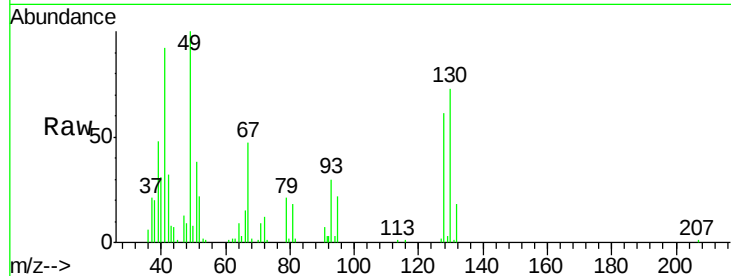
ClientSampleId :

VSTDICCC050

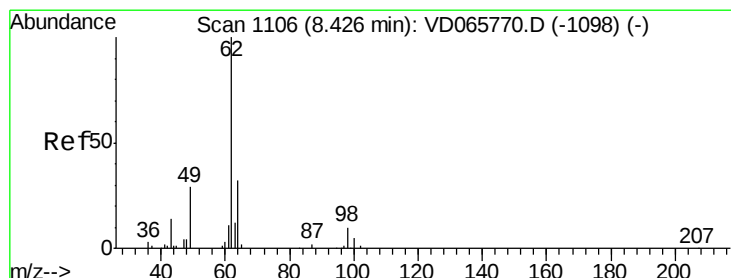
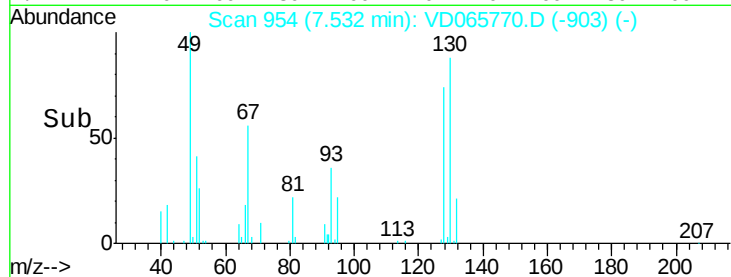
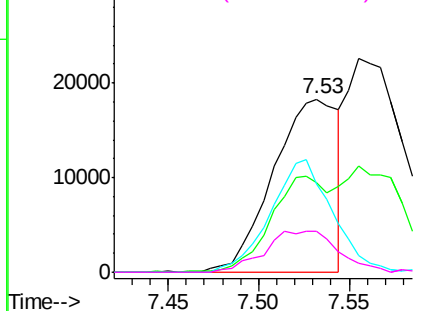
Tgt Ion	Ratio	Lower	Upper
41	100		
39	47.9	38.3	57.5
67	62.2	49.8	74.6
52	27.1	21.7	32.5

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Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 48.79 ug/l

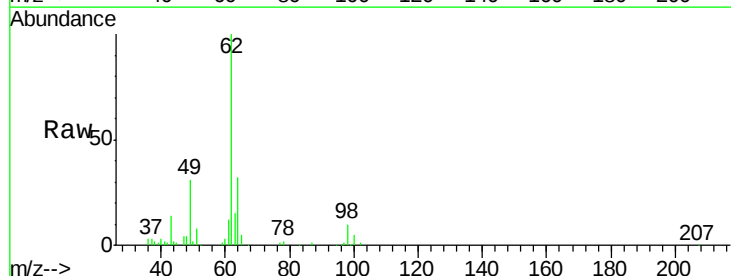
RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

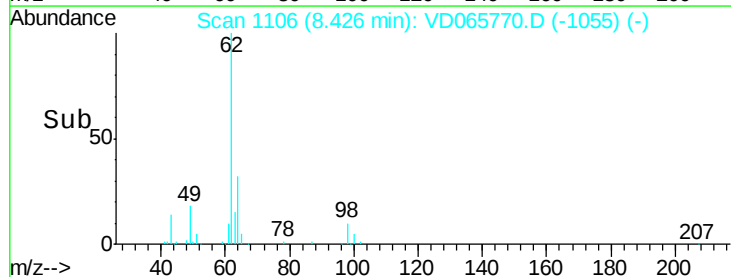
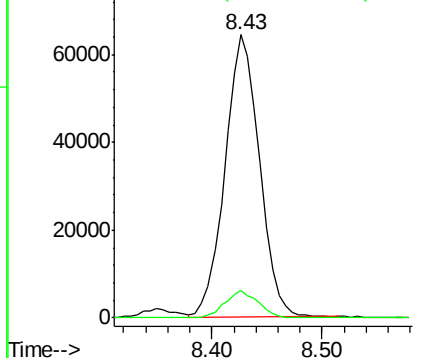
Lab File: VD065770.D

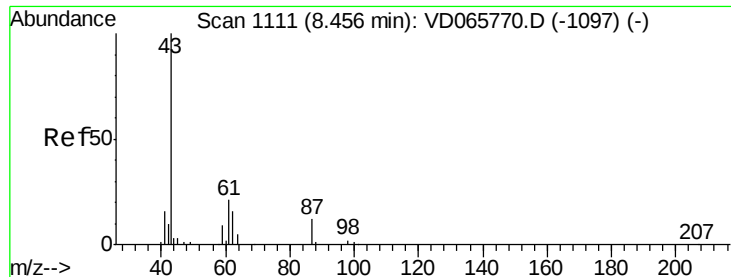
Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





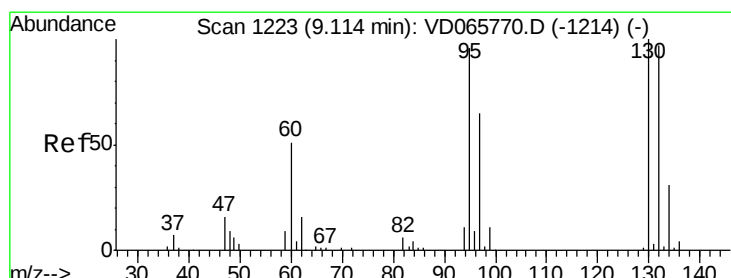
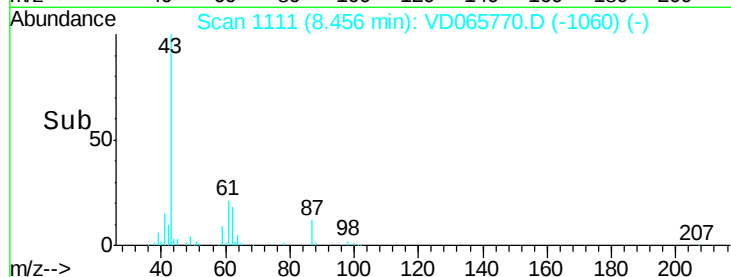
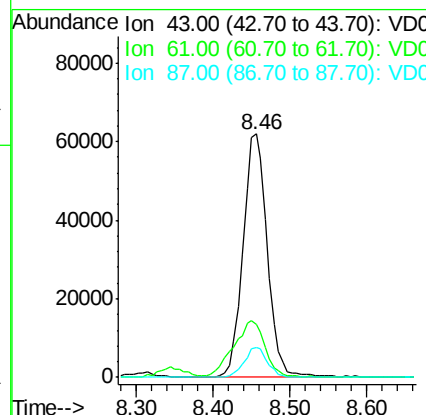
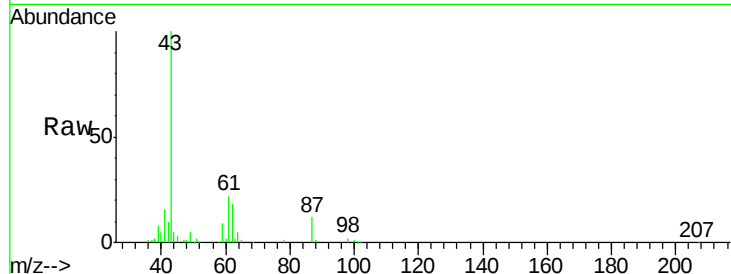
#43
Isopropyl Acetate
Concen: 51.40 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	30.3	24.2	36.4
87	11.9	9.5	14.3

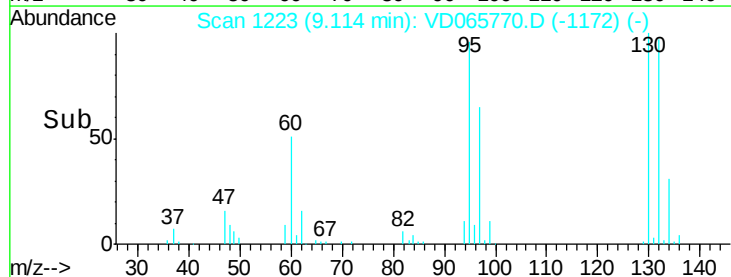
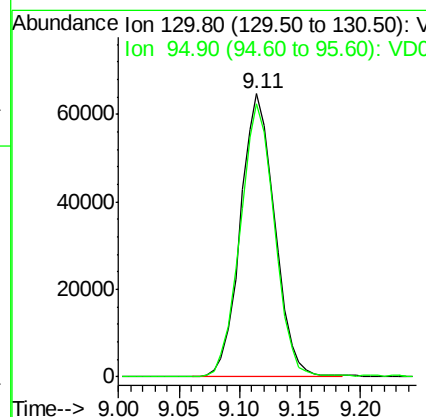
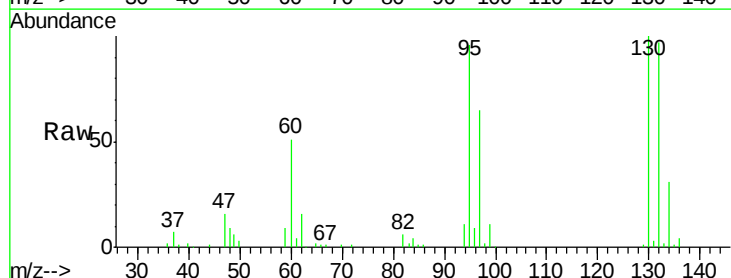
Manual Integrations
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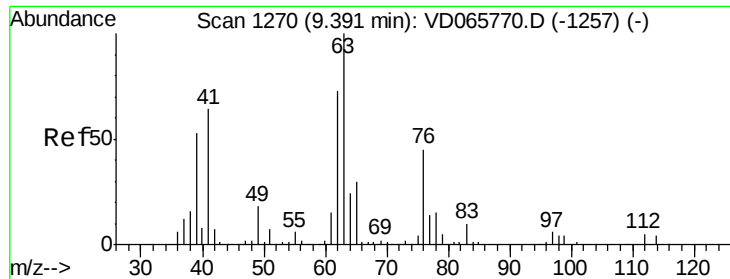
MMDadoda
6/5/2020 4:12:44 PM



#44
Trichloroethene
Concen: 49.04 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	192.8





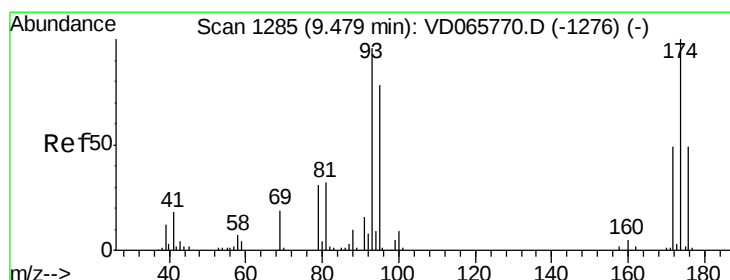
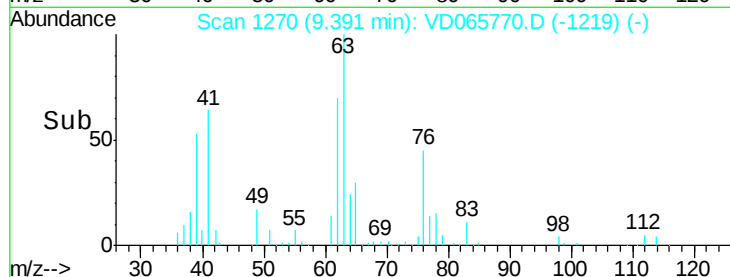
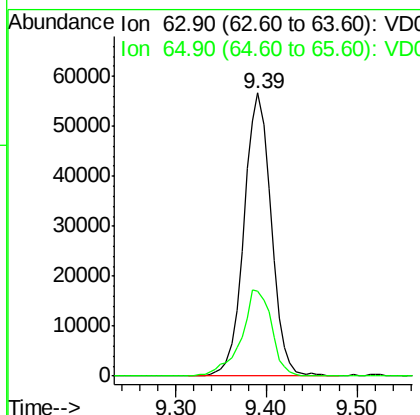
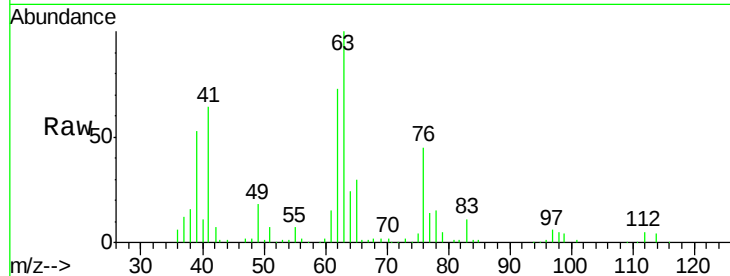
#45
 1,2-Dichloropropane
 Concen: 49.59 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 63 Resp: 118014
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.2 36.2

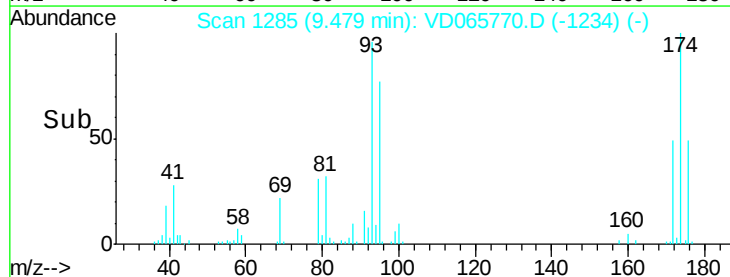
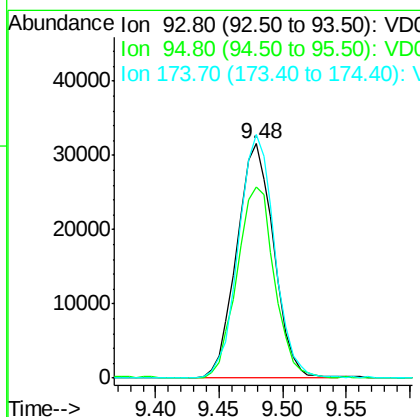
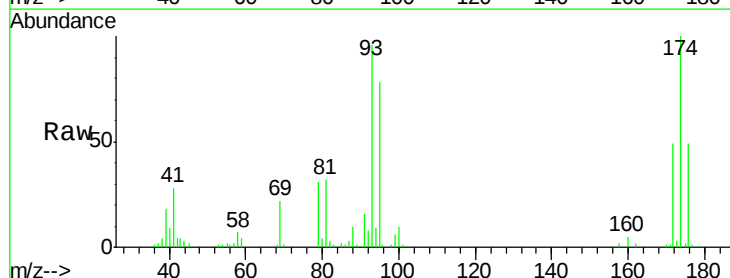
Manual Integrations
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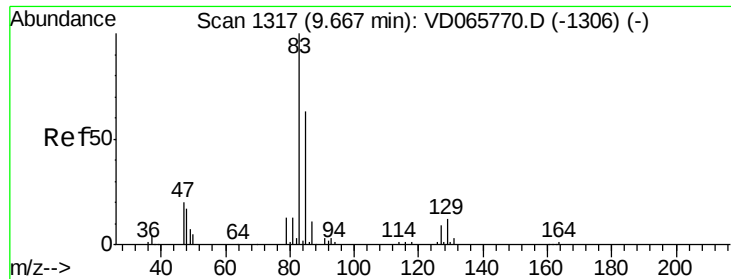
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#46
 Dibromomethane
 Concen: 49.95 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion: 93 Resp: 64112
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.8 98.6
 174 101.1 80.9 121.3





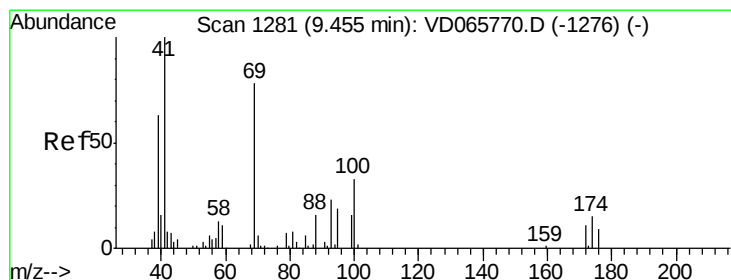
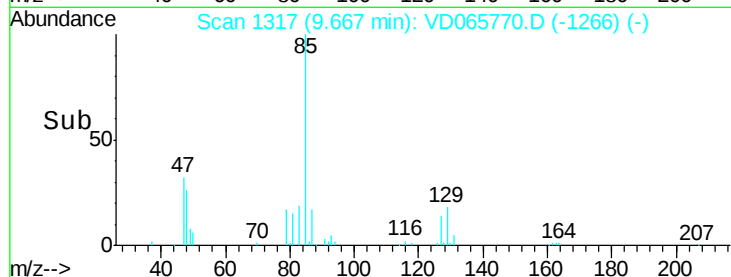
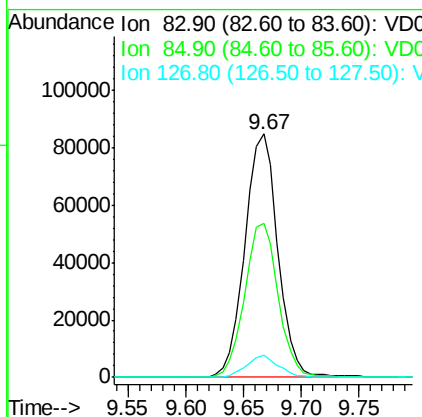
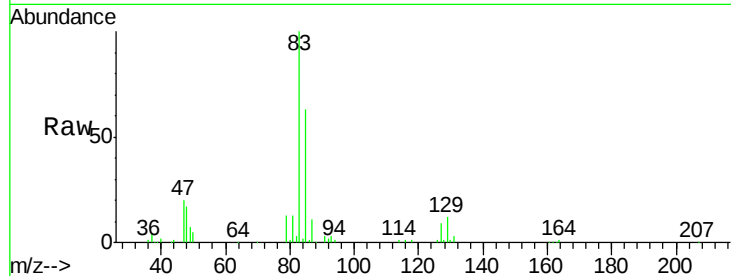
#47
Bromodichloromethane
Concen: 48.95 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.7	76.1
127	8.9	7.1	10.7

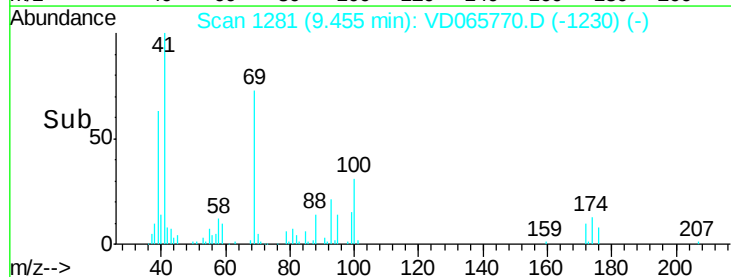
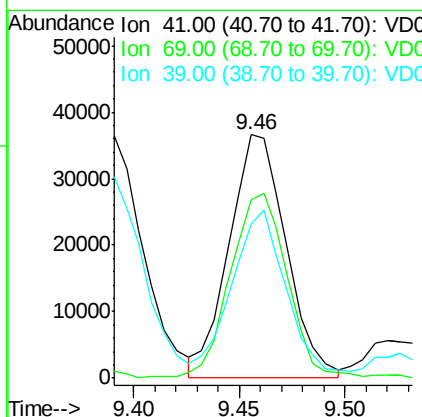
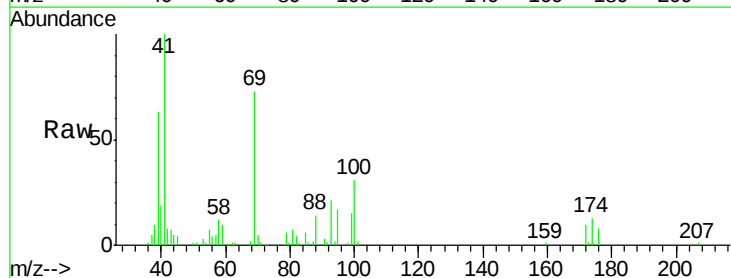
Manual Integrations
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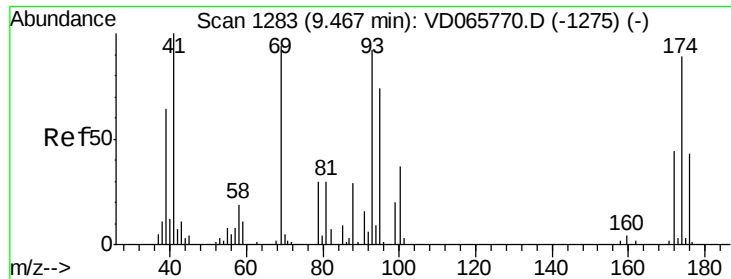
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#48
Methyl methacrylate
Concen: 52.88 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.1	60.9	91.3
39	60.1	48.1	72.1





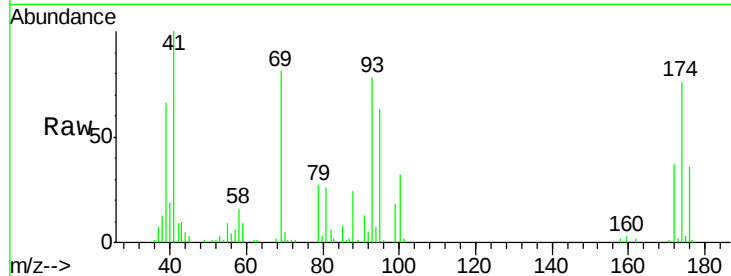
#49
1,4-Dioxane
Concen: 1070.73 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

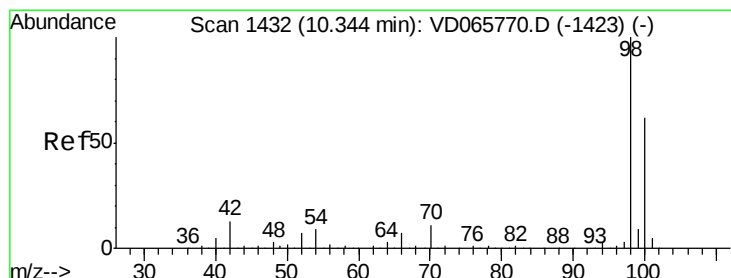
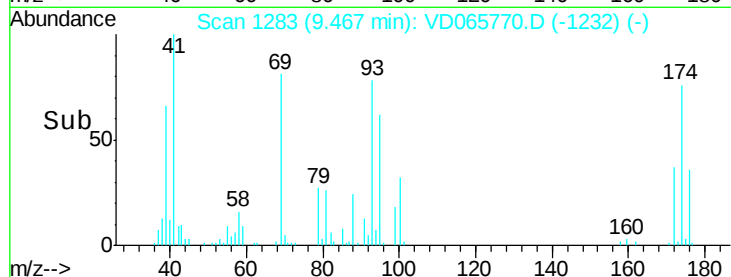
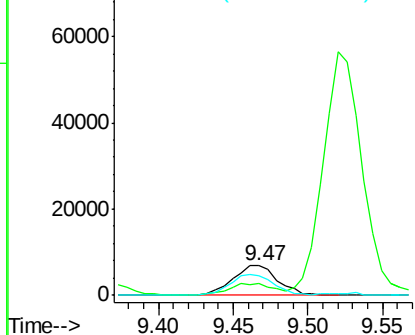
Tgt Ion	Ratio	Lower	Upper
88	100		
43	40.3	32.2	48.4
58	68.6	54.9	82.3

Manual Integrations
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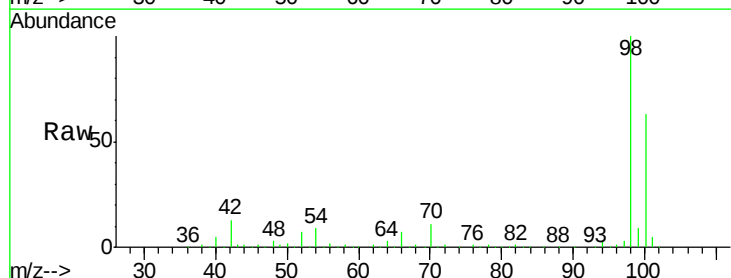


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

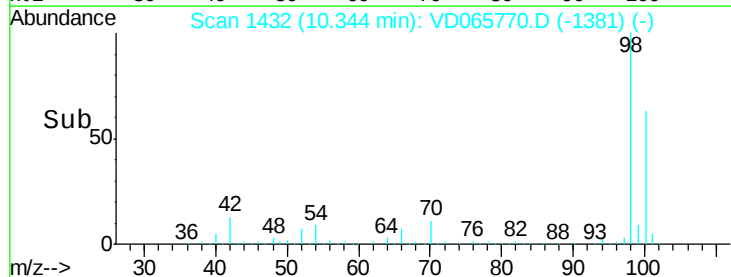
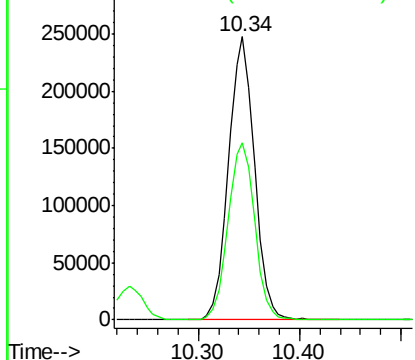


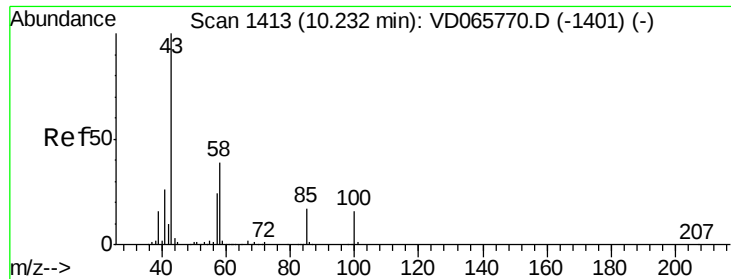
#50
Toluene-d8
Concen: 53.84 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.2



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





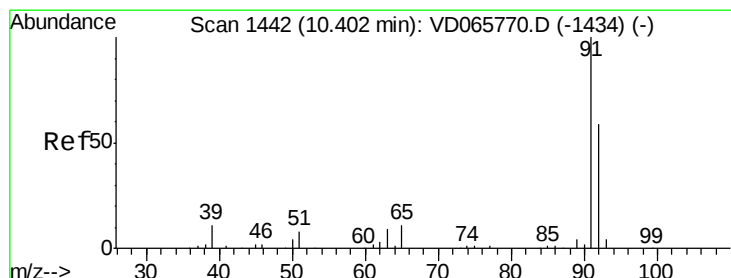
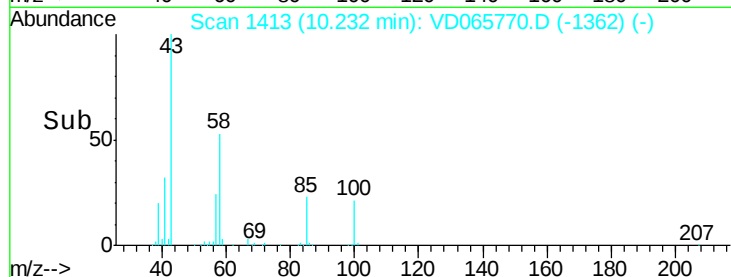
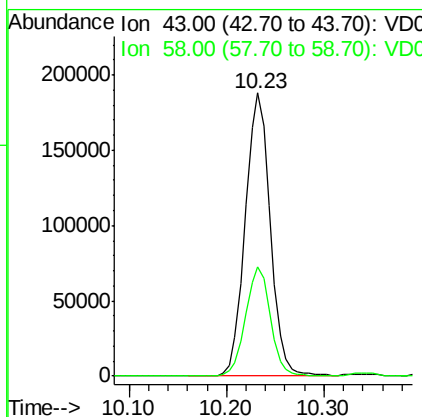
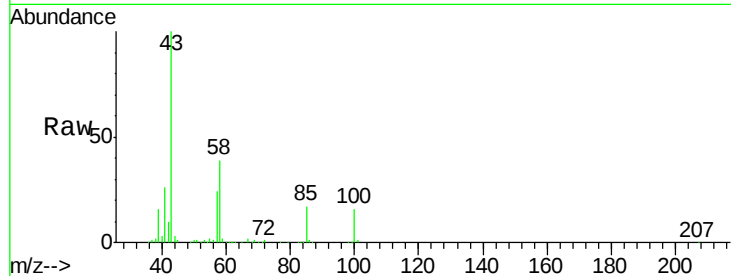
#51
4-Methyl-2-Pentanone
Concen: 261.35 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 338690
Ion Ratio Lower Upper
43 100
58 38.4 30.7 46.1

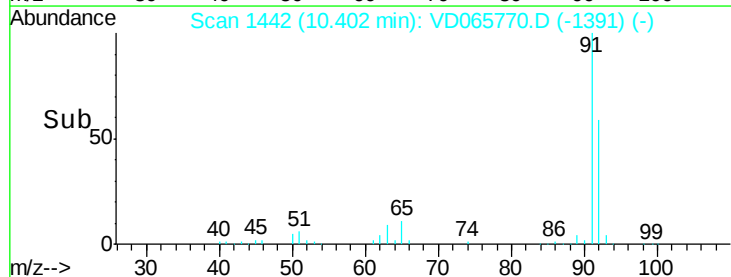
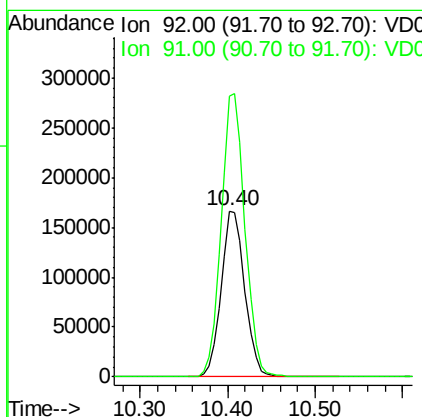
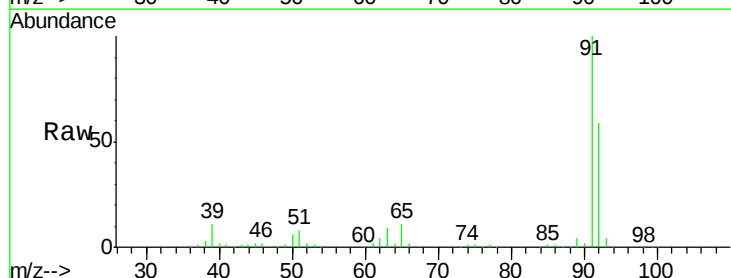
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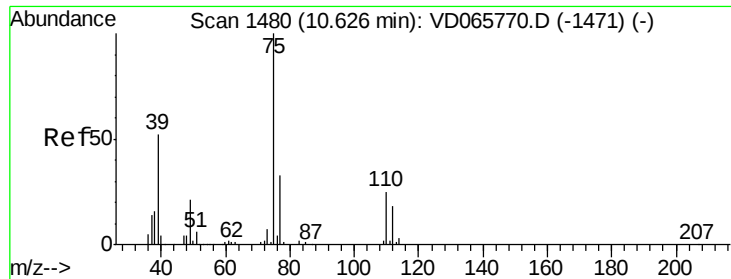
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#52
Toluene
Concen: 50.88 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion: 92 Resp: 306833
Ion Ratio Lower Upper
92 100
91 172.3 137.8 206.8





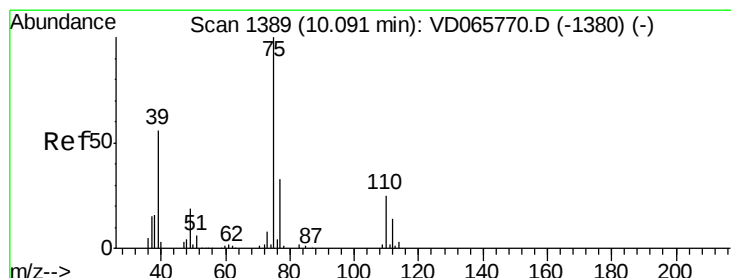
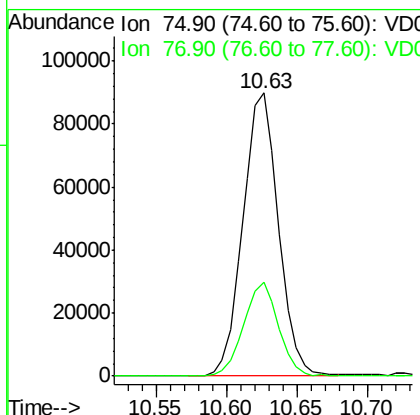
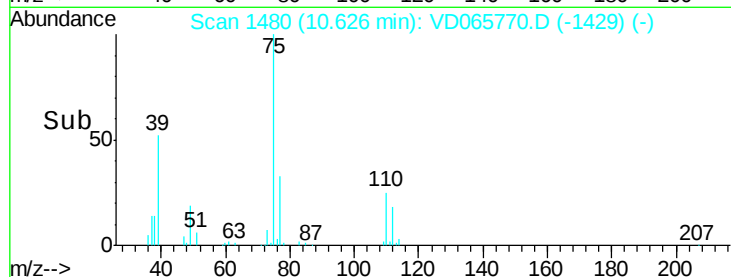
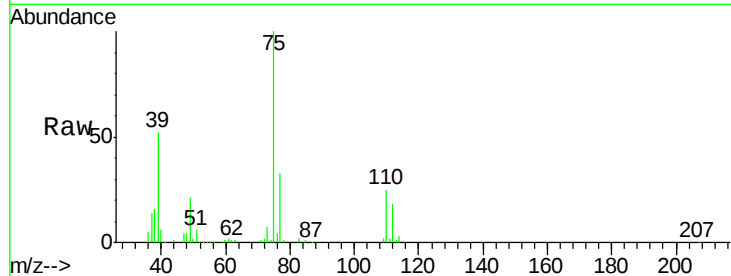
#53
 t-1,3-Dichloropropene
 Concen: 52.13 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 158732
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.4 39.6

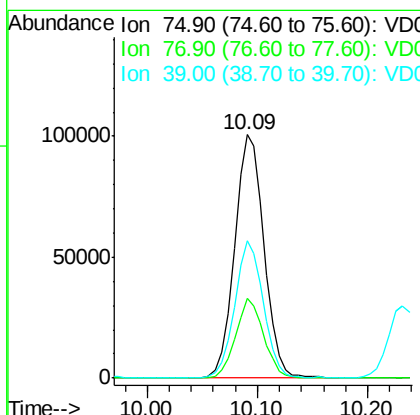
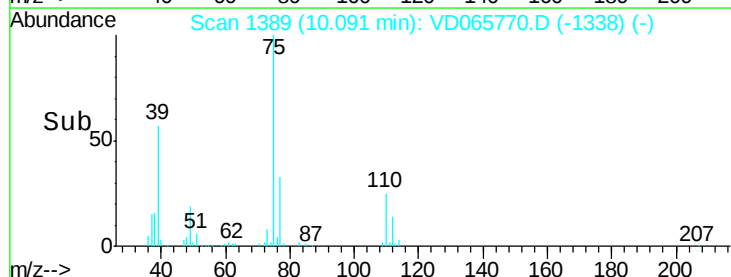
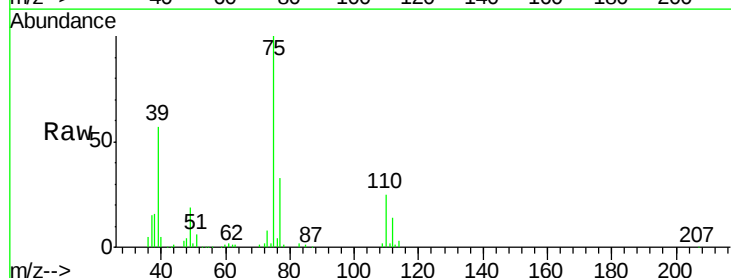
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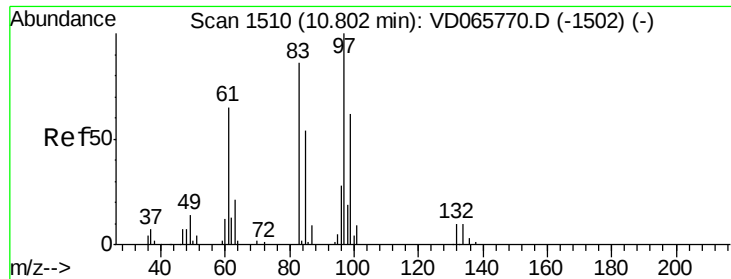
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#54
 cis-1,3-Dichloropropene
 Concen: 52.05 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion: 75 Resp: 187805
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.0 39.0
 39 56.3 45.0 67.6





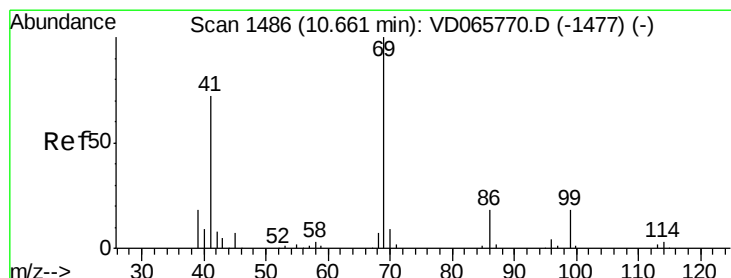
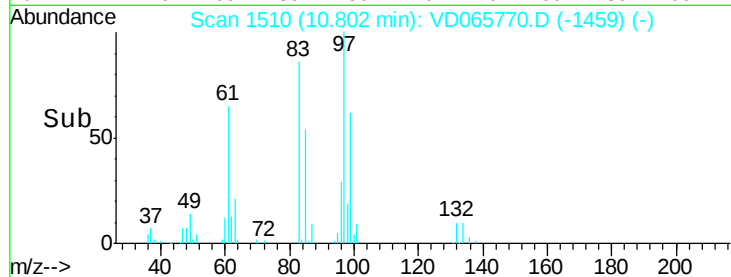
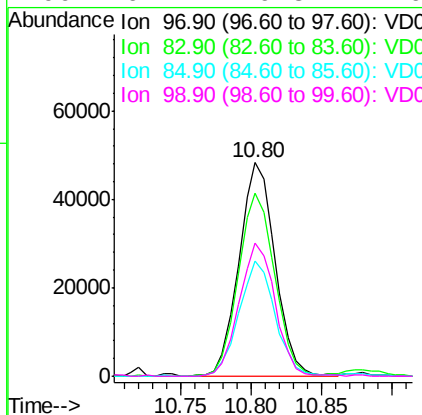
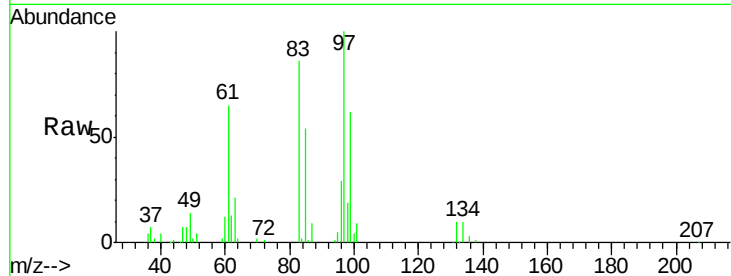
#55
 1,1,2-Trichloroethane
 Concen: 50.79 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.7	103.1
85	53.8	43.0	64.6
99	62.2	49.8	74.6

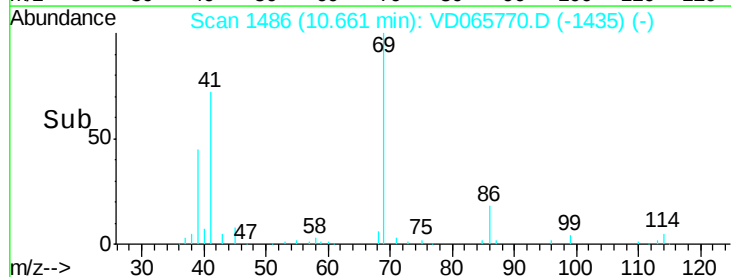
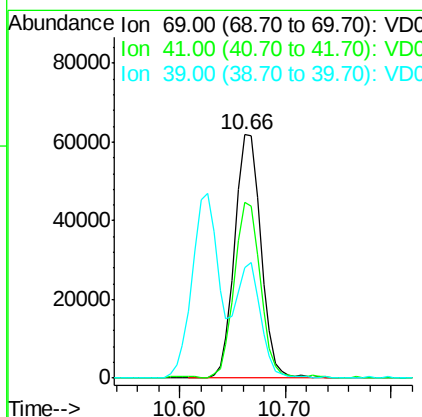
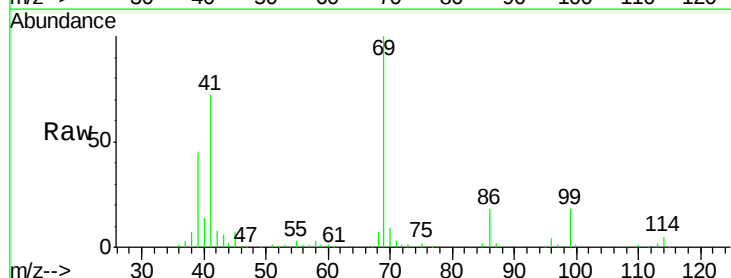
Manual Integrations
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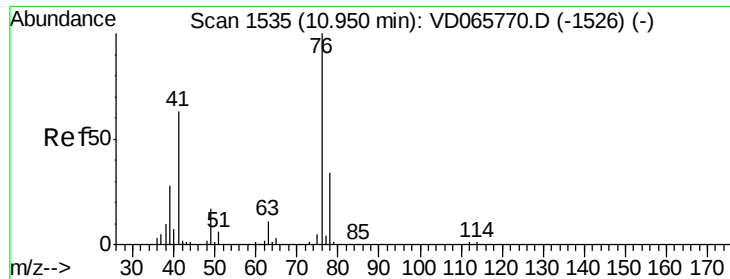
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#56
 Ethyl methacrylate
 Concen: 54.93 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.1	56.9	85.3
39	45.0	36.0	54.0





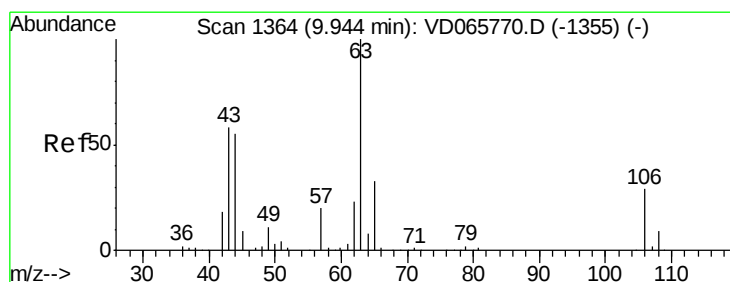
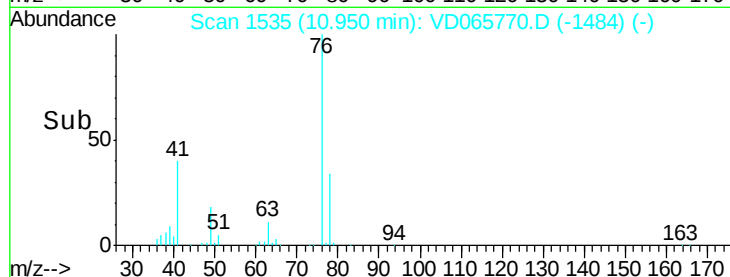
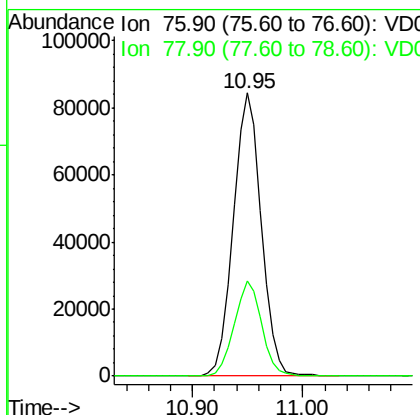
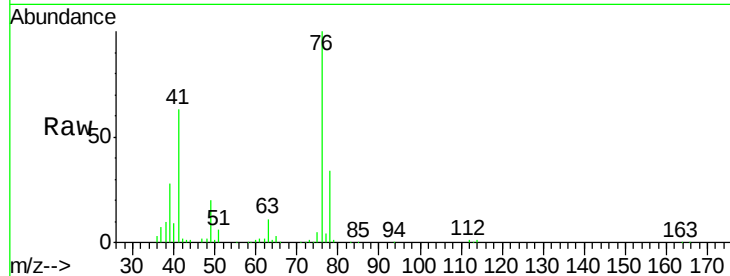
#57
 1,3-Dichloropropane
 Concen: 50.76 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 76 Resp: 149897
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.3 39.5

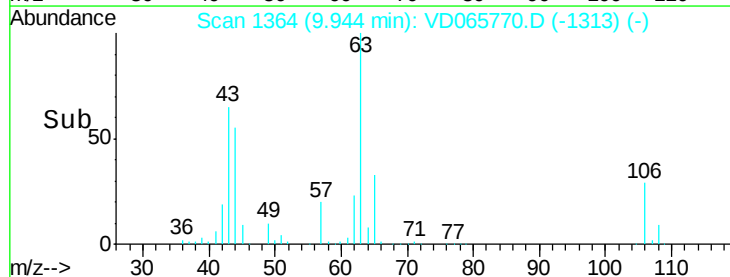
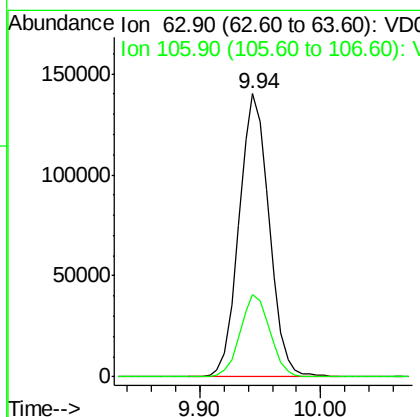
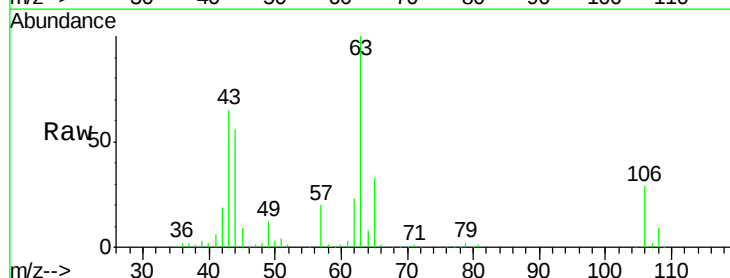
Manual Integrations
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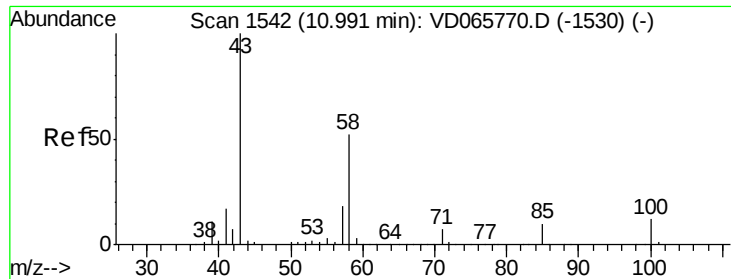
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 6/5/2020 4:12:44 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.64 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion: 63 Resp: 244190
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.2 34.8





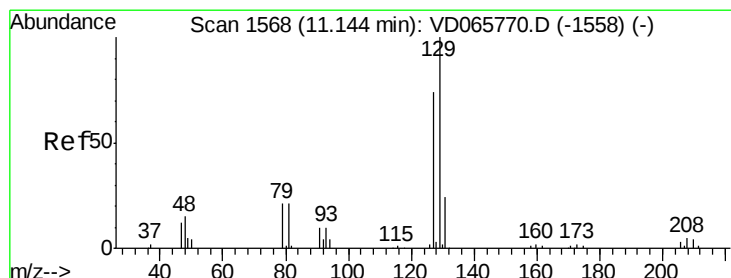
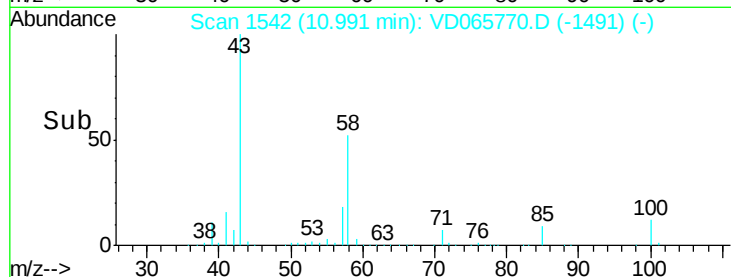
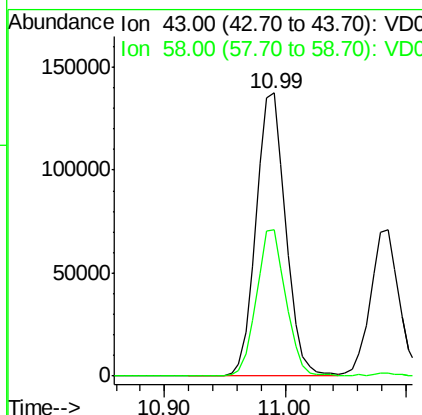
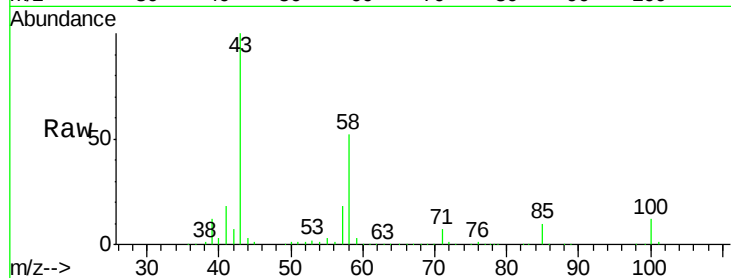
#59
2-Hexanone
Concen: 272.01 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 234938
Ion Ratio Lower Upper
43 100
58 51.3 25.7 77.0

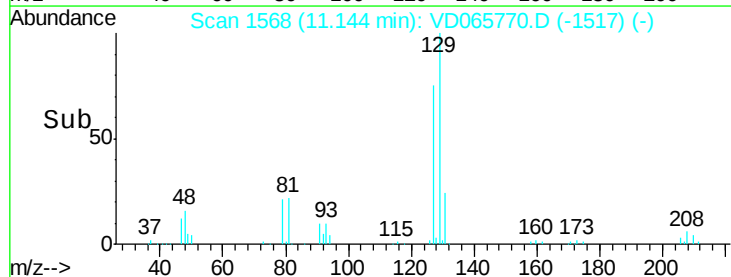
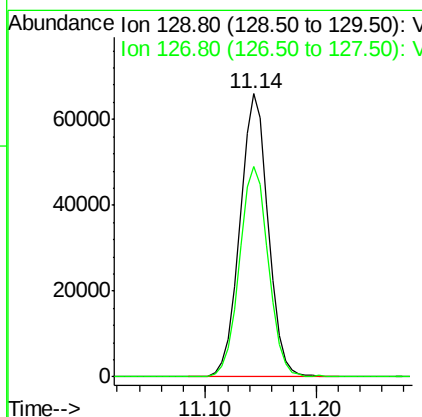
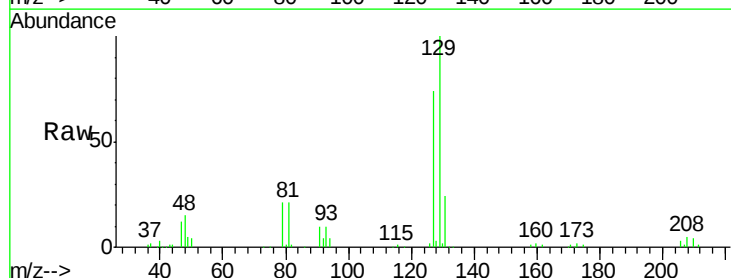
Manual Integrations
APPROVED

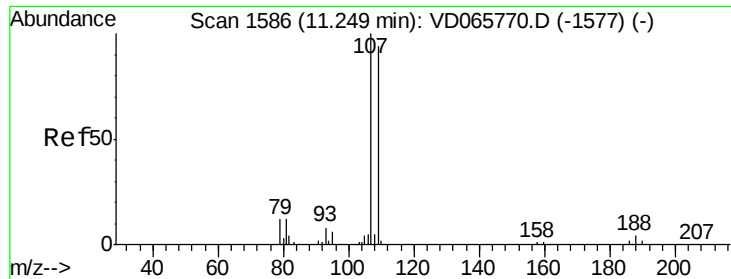
MMDadoda
6/5/2020 4:12:44 PM



#60
Dibromochloromethane
Concen: 51.63 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion: 129 Resp: 118396
Ion Ratio Lower Upper
129 100
127 75.9 38.0 113.9





#61

1,2-Dibromoethane

Concen: 51.66 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 107 Resp: 85781

Ion Ratio Lower Upper

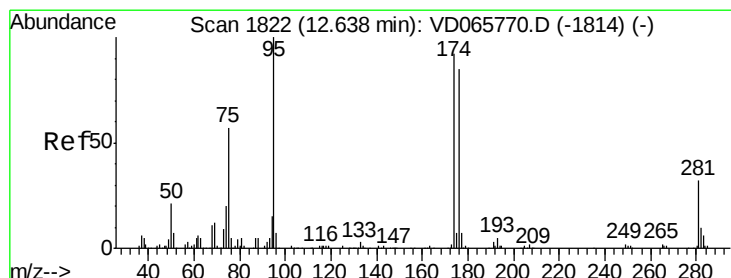
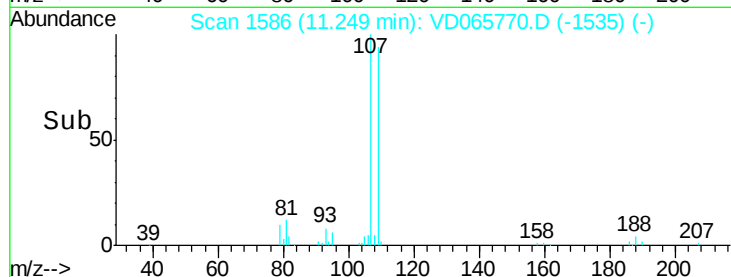
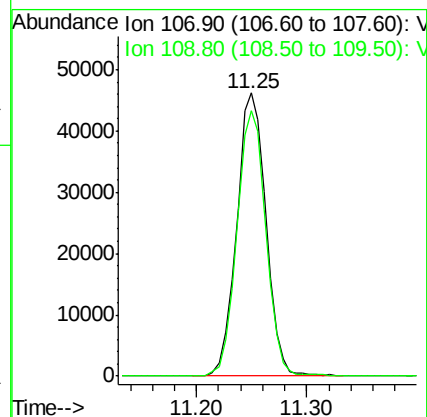
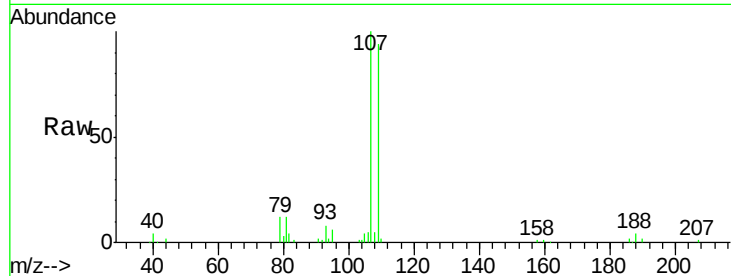
107 100

109 93.0 74.4 111.6

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 52.91 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

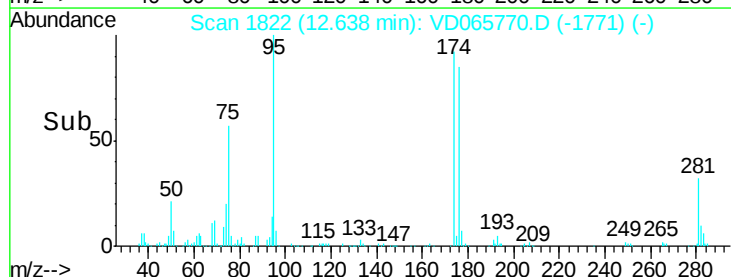
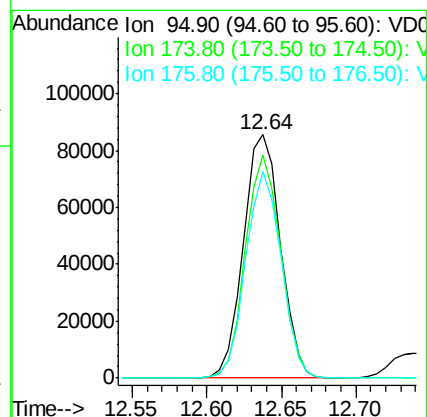
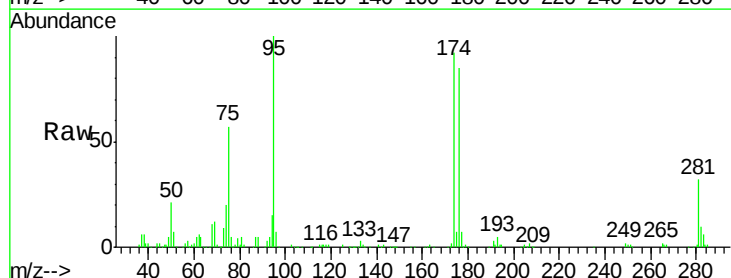
Tgt Ion: 95 Resp: 146731

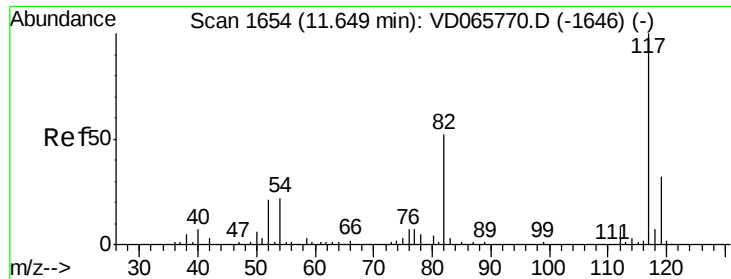
Ion Ratio Lower Upper

95 100

174 87.6 0.0 175.2

176 81.5 0.0 163.0





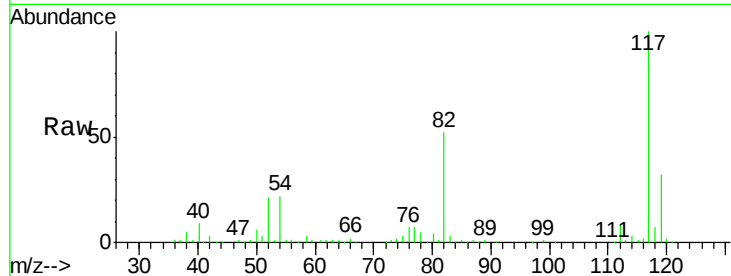
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	334481		
82	52.4	41.9	62.9	
119	31.6	25.3	37.9	

Manual Integrations
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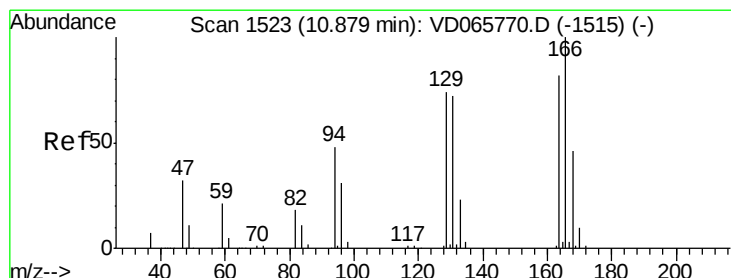
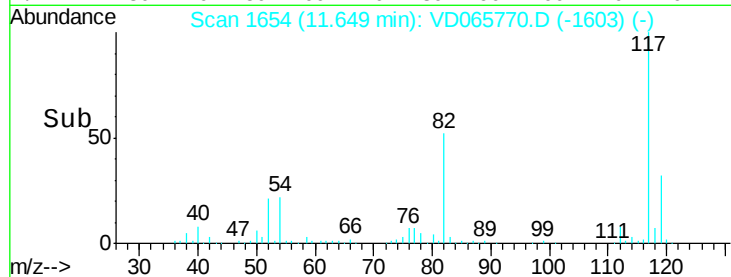
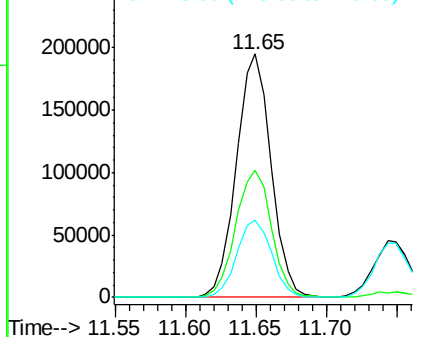


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 47.03 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	108899		
166	122.7	98.2	147.2	
129	90.4	72.3	108.5	
131	88.1	70.5	105.7	

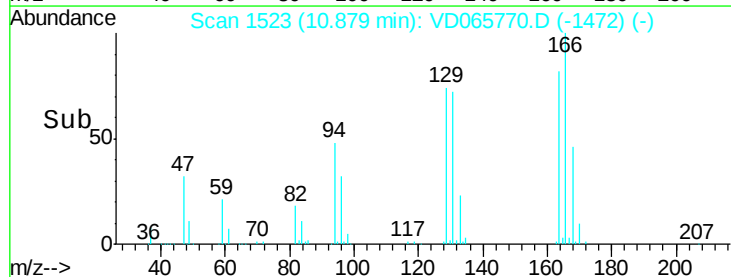
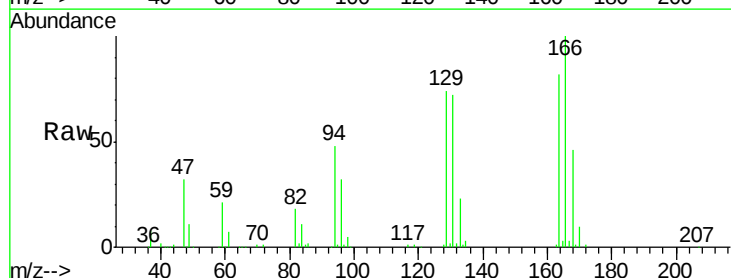
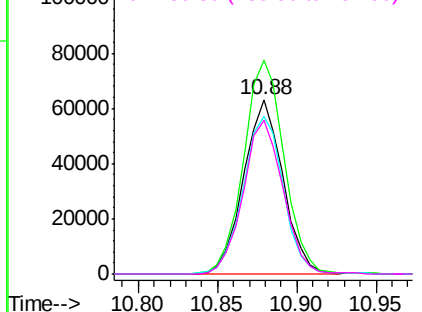
Abundance

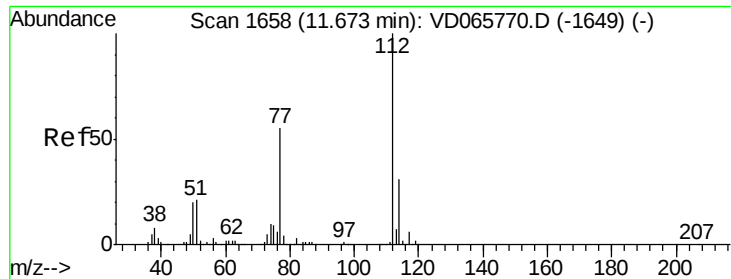
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





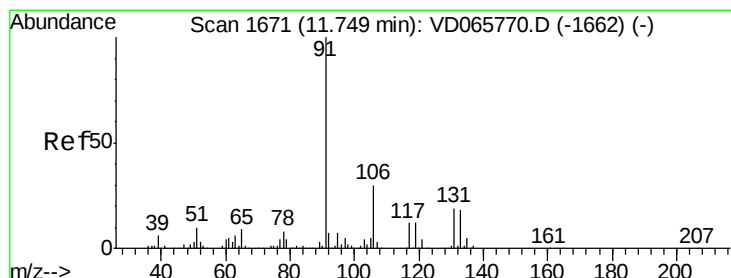
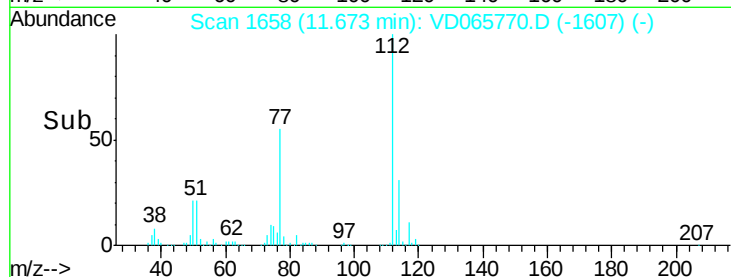
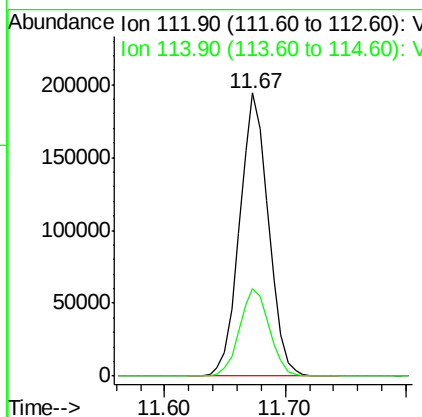
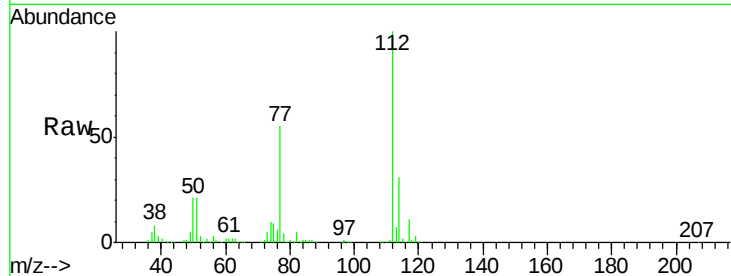
#65
Chlorobenzene
Concen: 48.87 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 323390
Ion Ratio Lower Upper
112 100
114 30.9 24.7 37.1

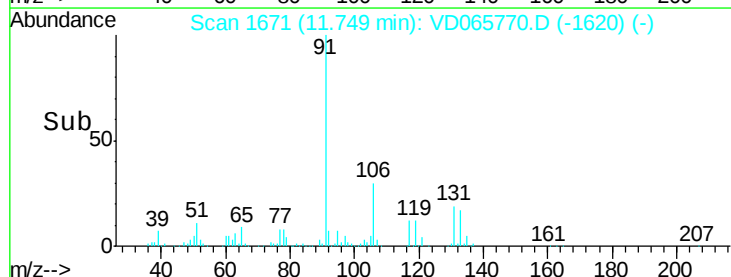
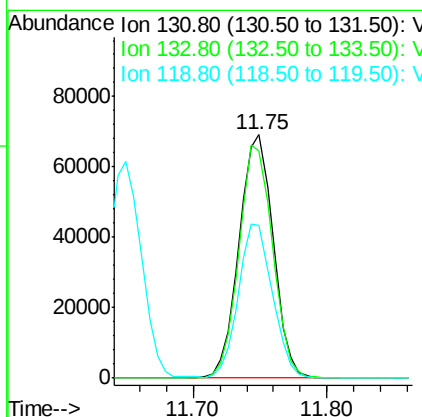
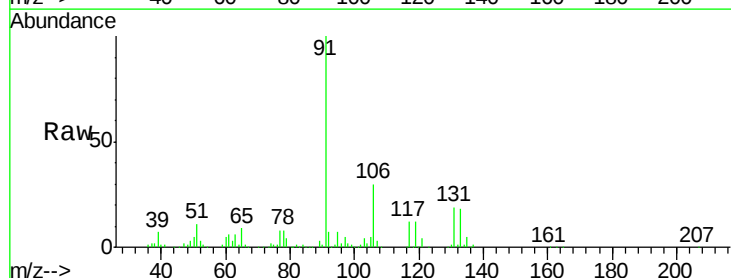
Manual Integrations
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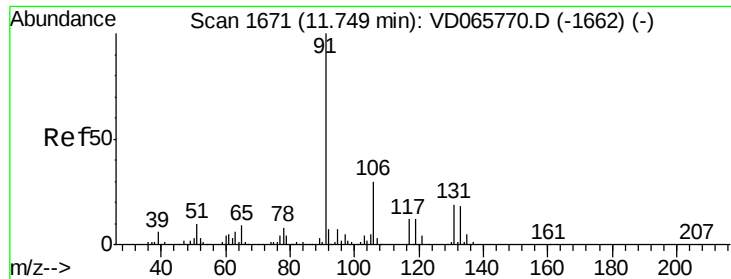
MMDadoda
6/5/2020 4:12:44 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.94 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion:131 Resp: 122420
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 63.2 31.6 94.8





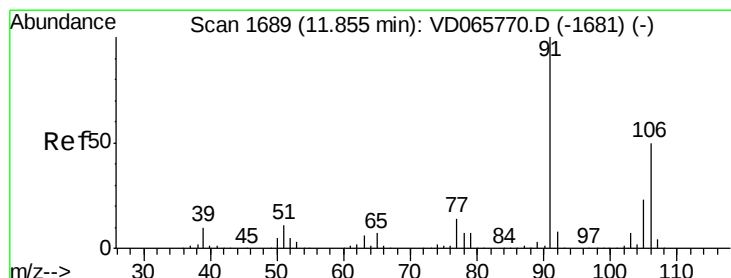
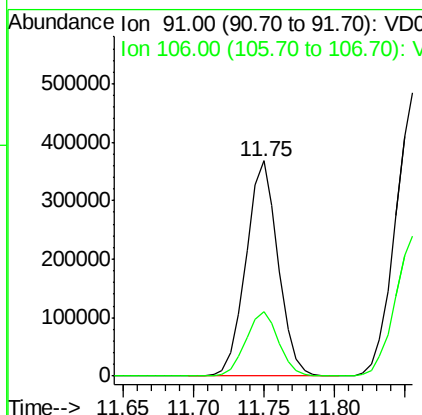
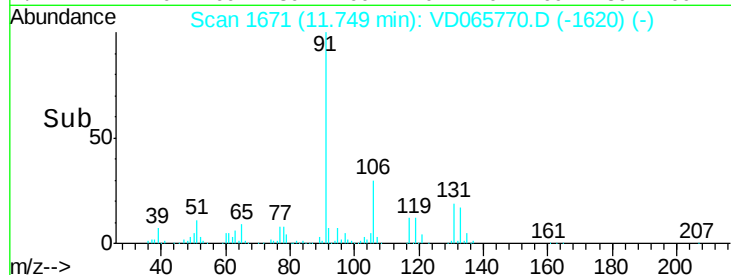
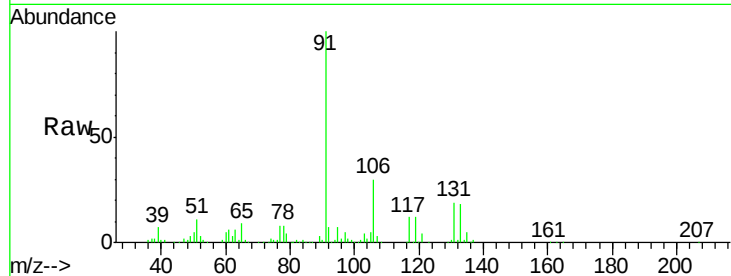
#67
Ethyl Benzene
Concen: 50.16 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 586879
Ion Ratio Lower Upper
91 100
106 30.1 24.1 36.1

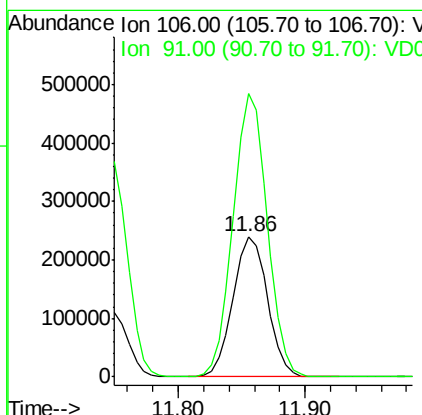
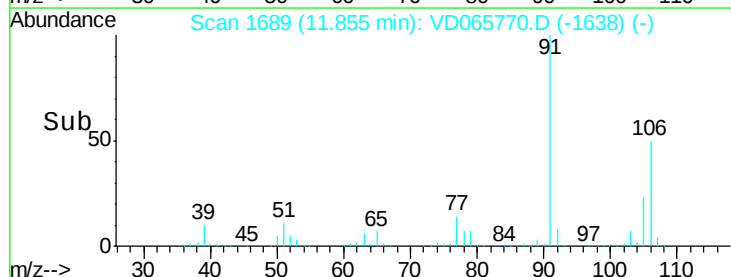
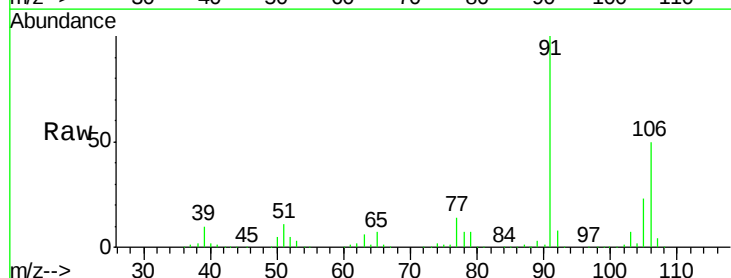
Manual Integrations
APPROVED

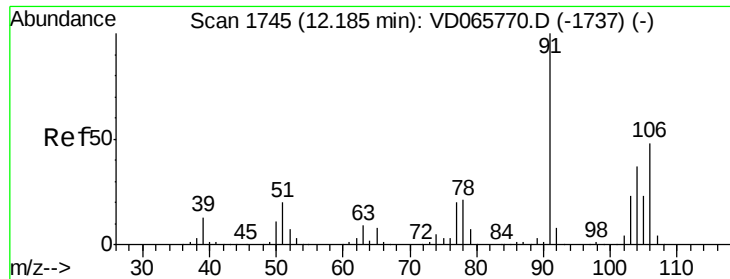
MMDadoda
6/5/2020 4:12:44 PM



#68
m/p-Xylenes
Concen: 100.65 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion: 106 Resp: 453380
Ion Ratio Lower Upper
106 100
91 199.3 159.4 239.2





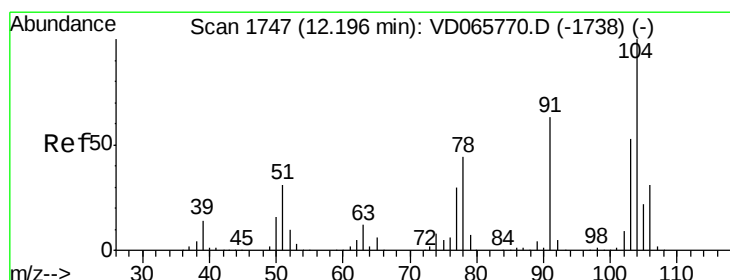
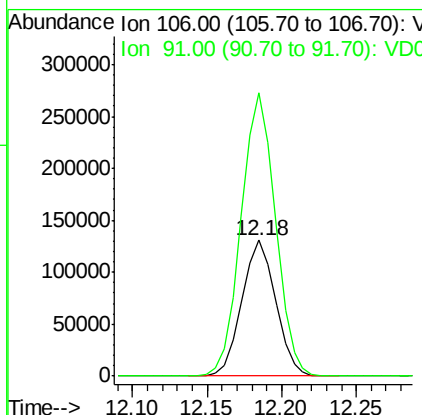
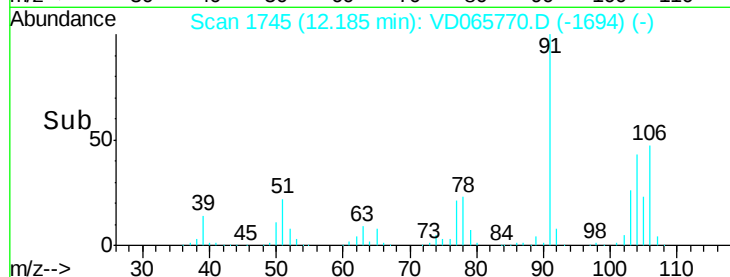
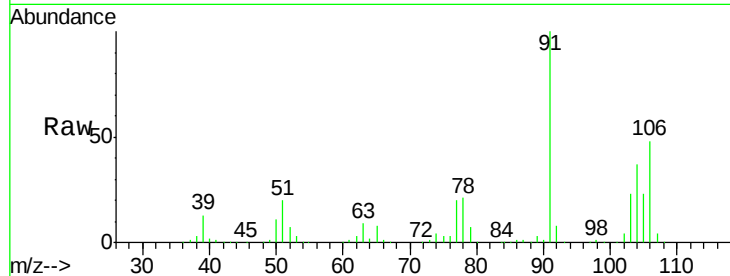
#69
o-Xylene
Concen: 51.64 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 206466
Ion Ratio Lower Upper
106 100
91 210.5 105.3 315.8

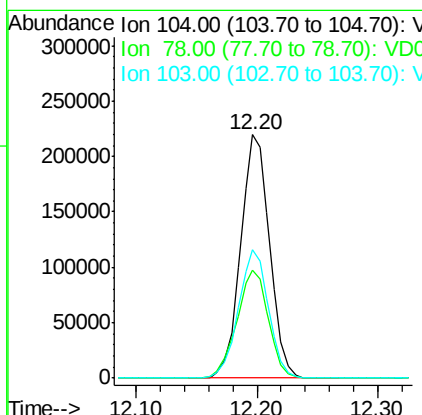
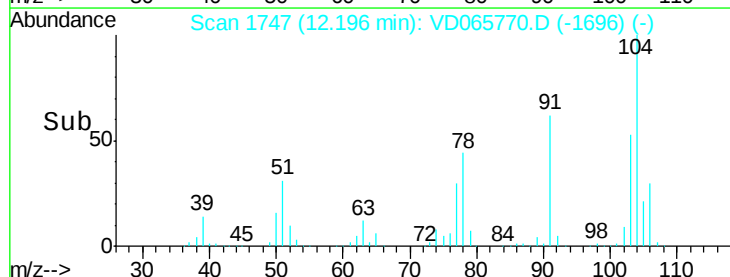
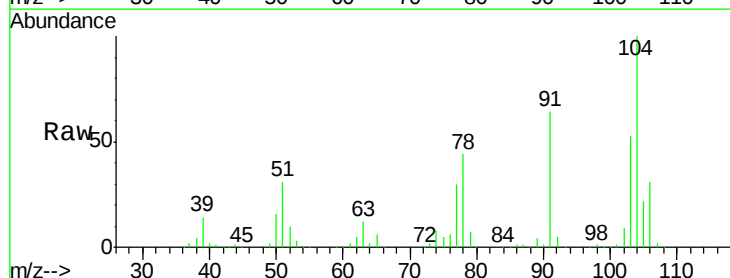
Manual Integrations
APPROVED

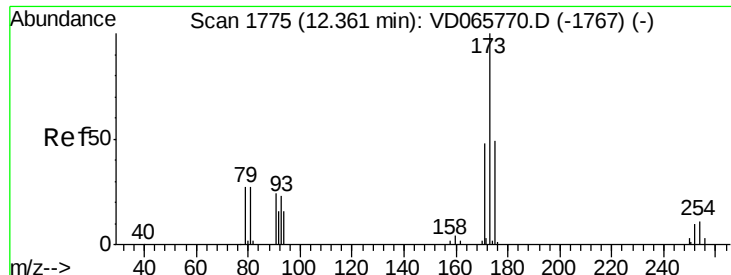
MMDadoda
6/5/2020 4:12:44 PM



#70
Styrene
Concen: 53.13 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion:104 Resp: 366882
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 54.9 43.9 65.9





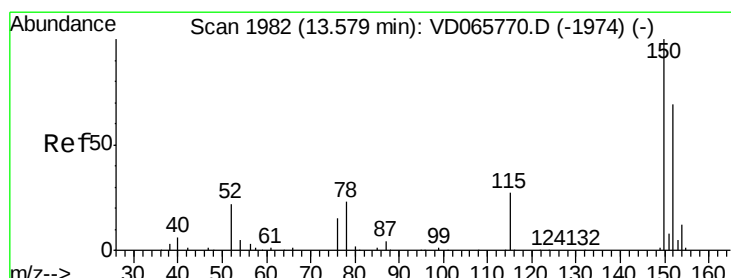
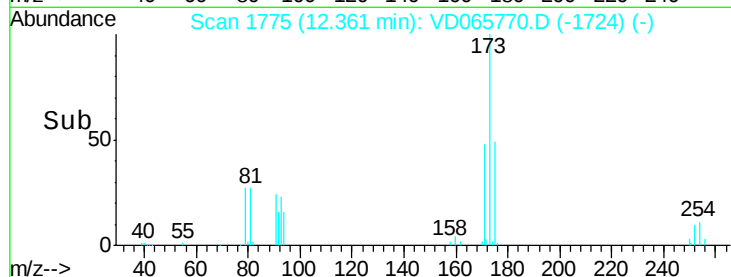
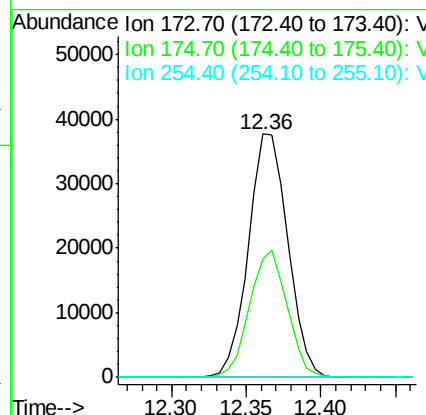
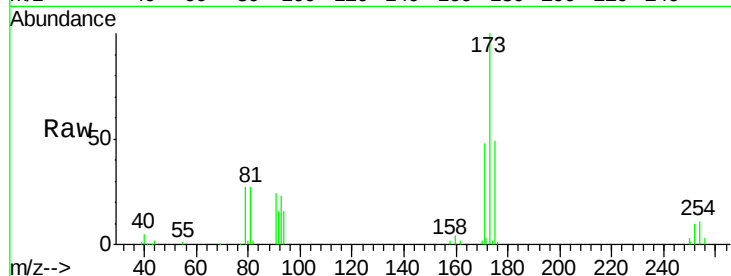
#71
Bromoform
Concen: 51.27 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.8	74.4
254	0.0	0.0	0.0

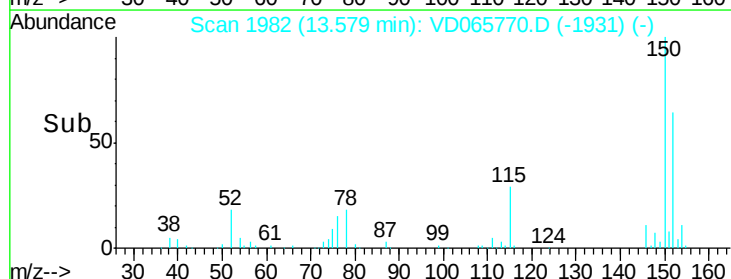
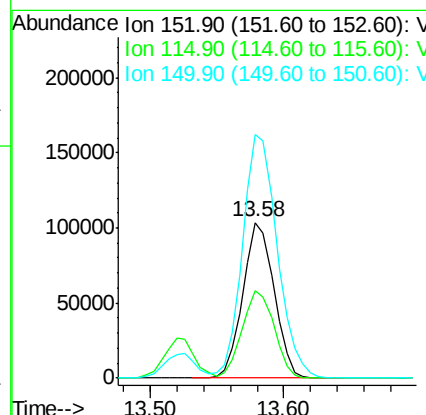
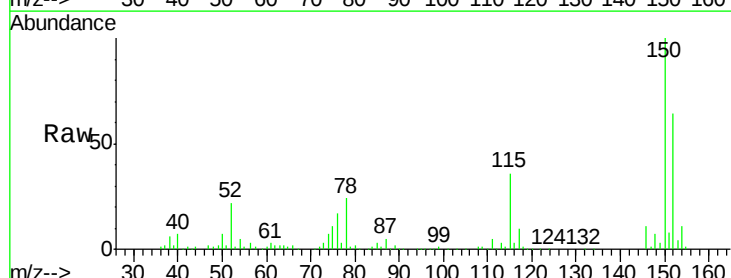
Manual Integrations
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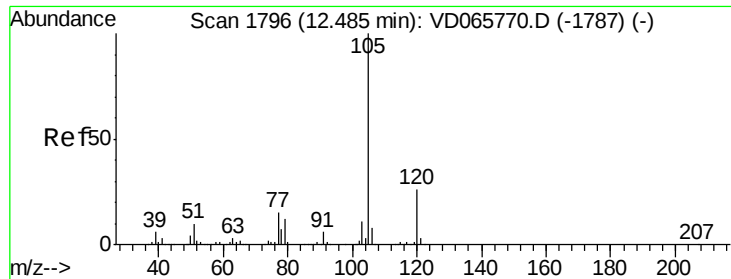
MMDadoda
6/5/2020 4:12:44 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.7	86.1
150	174.0	0.0	348.0





#73

Isopropylbenzene

Concen: 50.64 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 105 Resp: 572478

Ion Ratio Lower Upper

105 100

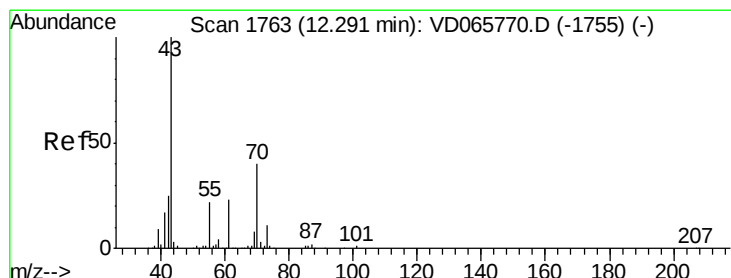
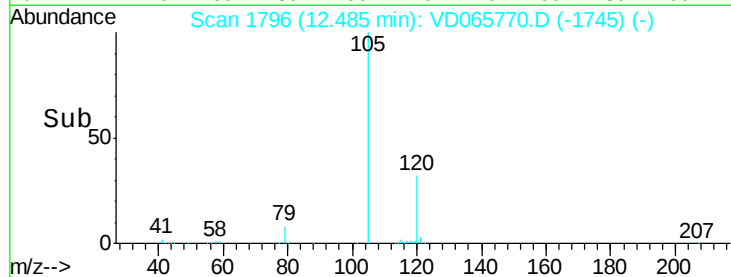
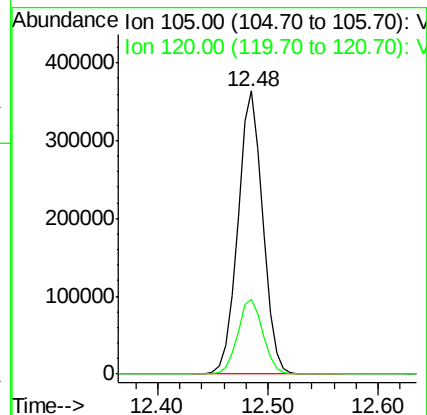
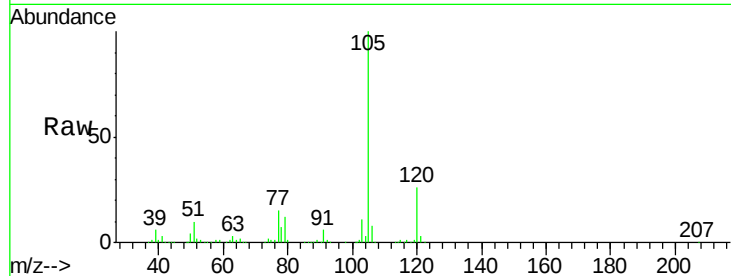
120 27.0 13.5 40.5

Manual Integrations

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MMDadoda

6/5/2020 4:12:44 PM



#74

N-ethyl acetate

Concen: 51.58 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Tgt Ion: 43 Resp: 129351

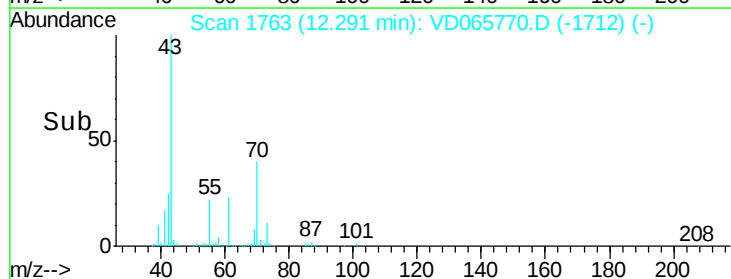
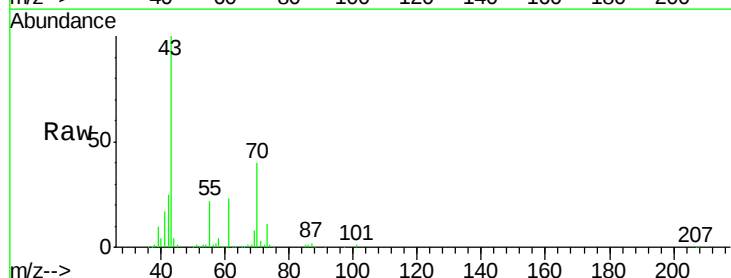
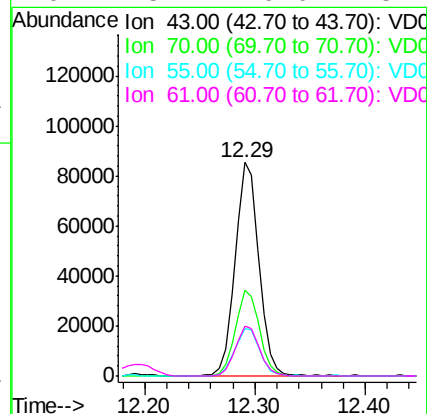
Ion Ratio Lower Upper

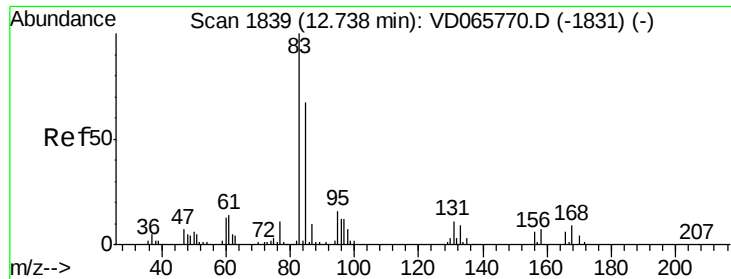
43 100

70 40.4 32.3 48.5

55 23.7 19.0 28.4

61 23.7 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.76 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

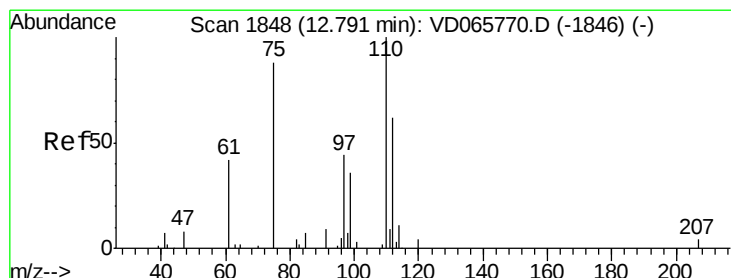
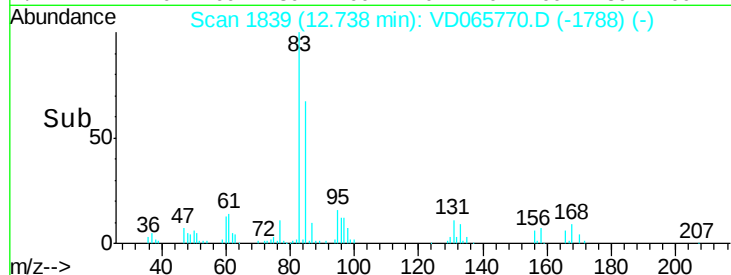
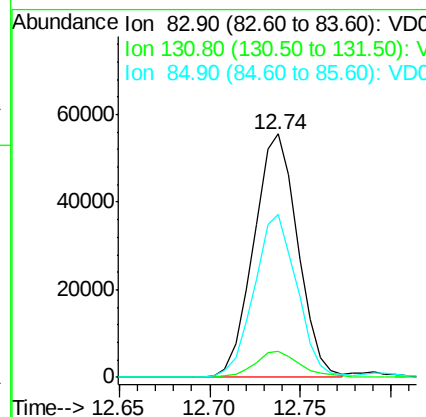
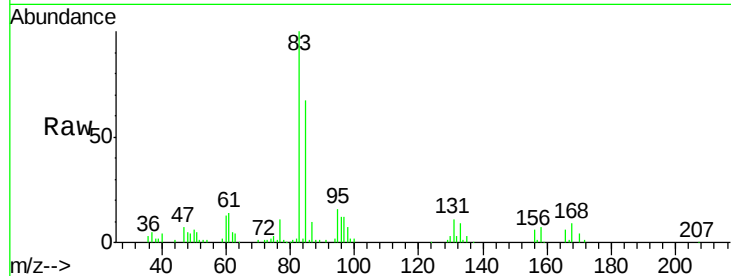
ClientSampleId :

VSTDICCC050

Tgt Ion:	83	Resp:	93865
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.4
85	65.0	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 45.44 ug/l m

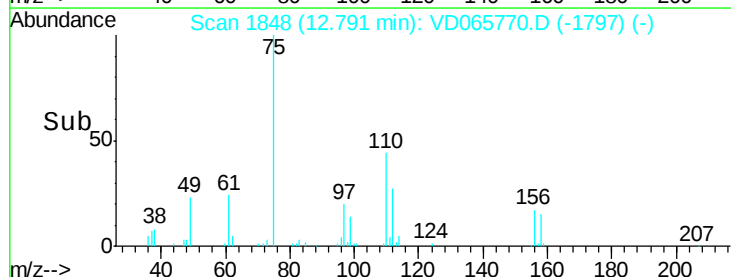
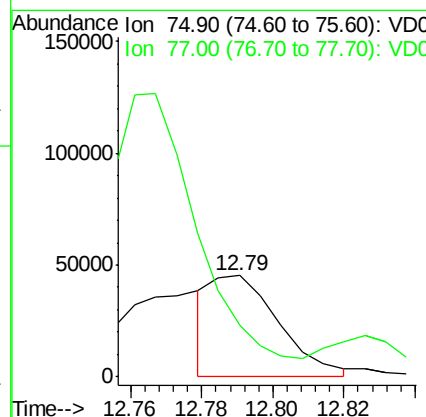
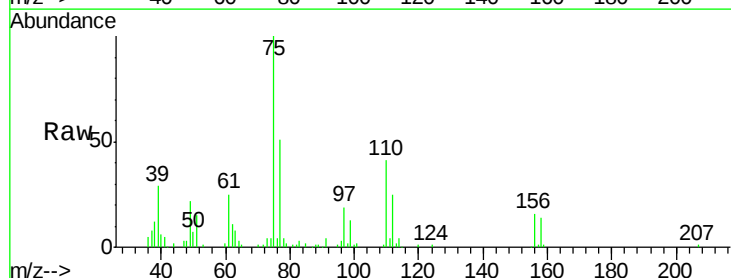
RT: 12.79 min Scan# 1848

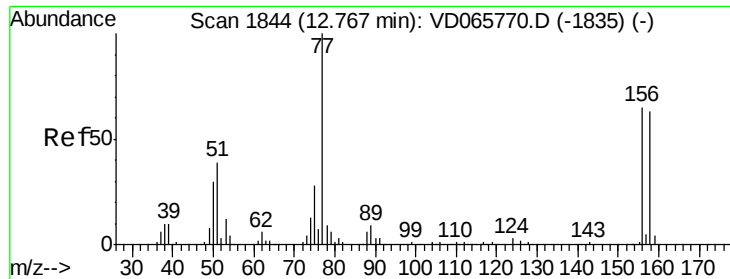
Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Tgt Ion:	75	Resp:	59748
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.31 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

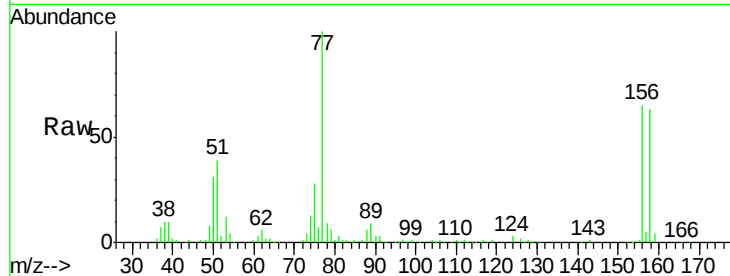
ClientSampleId :

VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	137543		
77	174.5	87.3	261.8	
158	96.0	48.0	144.0	

Manual Integrations
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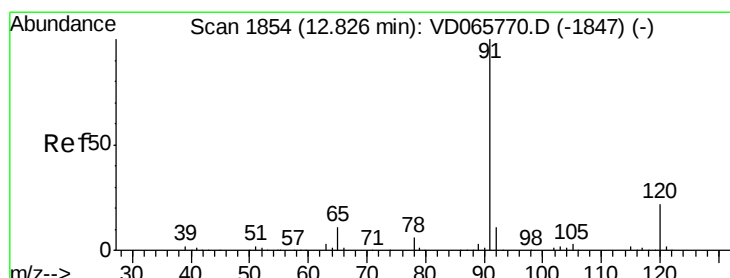
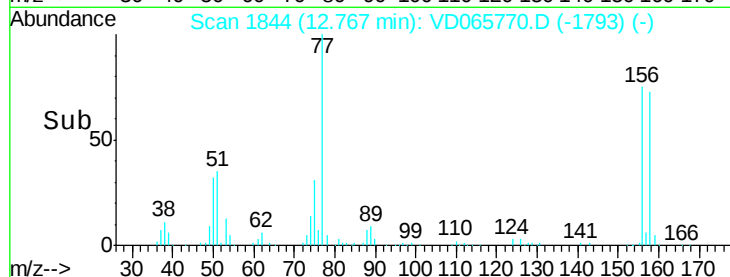
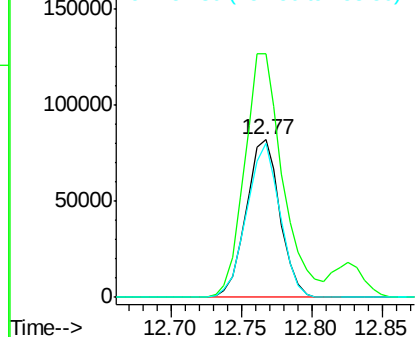
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.23 ug/l

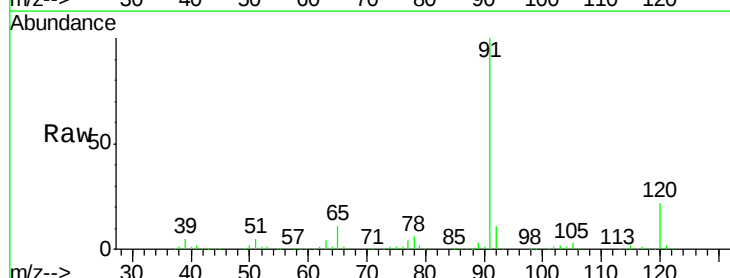
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065770.D

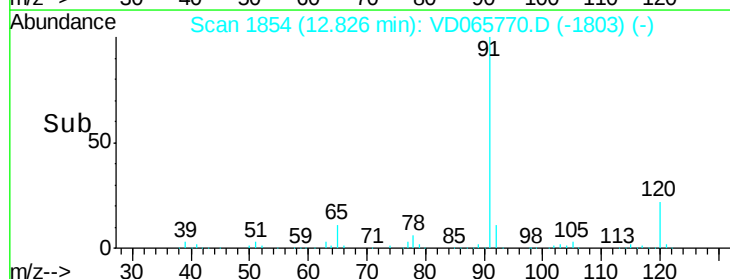
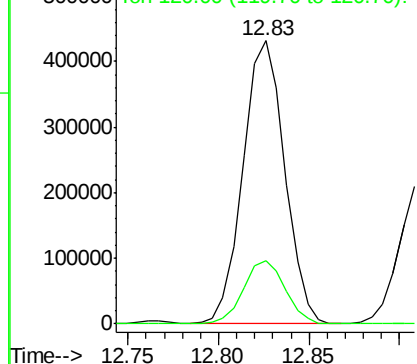
Acq: 05 Jun 2020 11:51

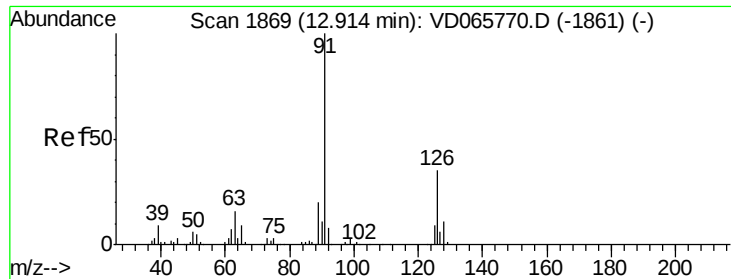
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	689207		
120	22.5	11.3	33.8	



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





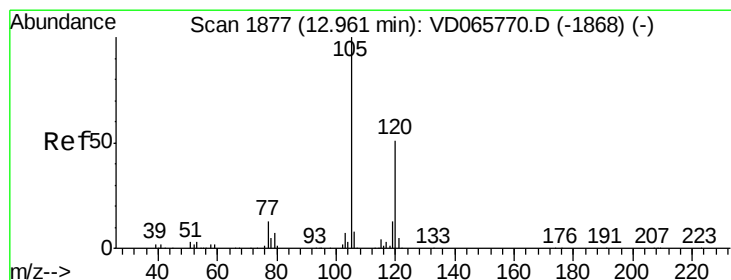
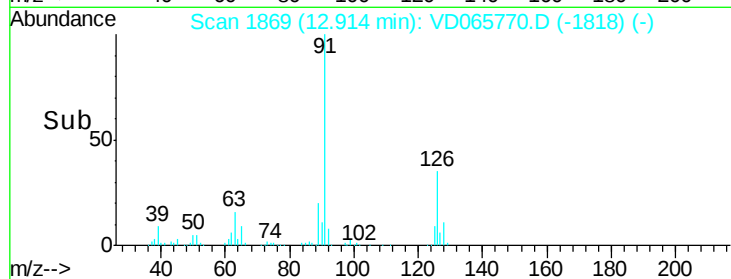
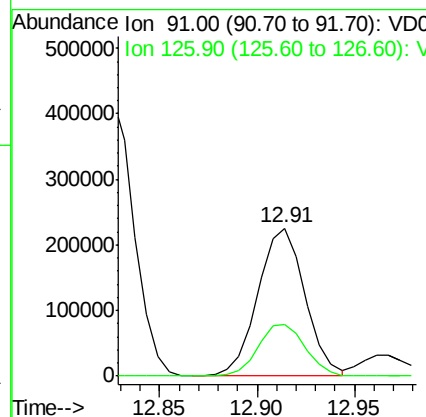
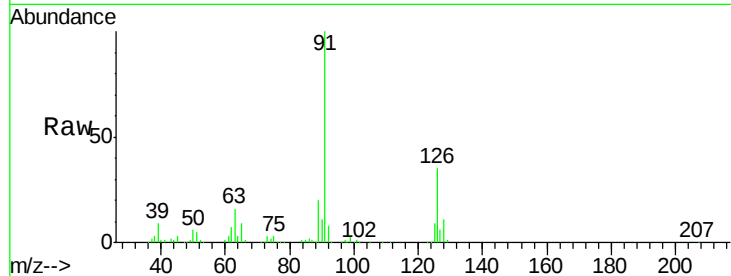
#79
 2-Chlorotoluene
 Concen: 50.09 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 91 Resp: 377275
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.6

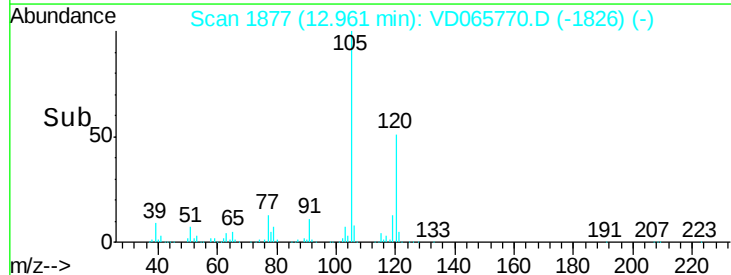
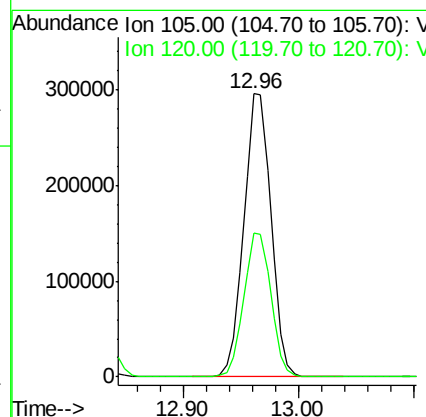
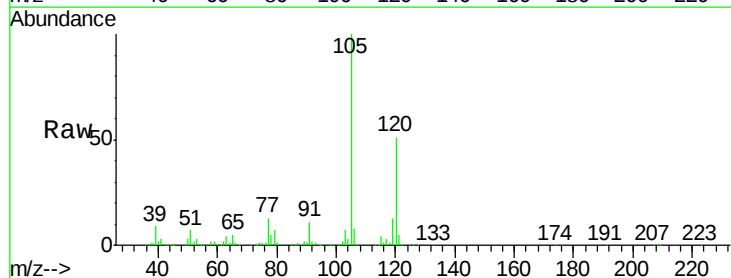
Manual Integrations
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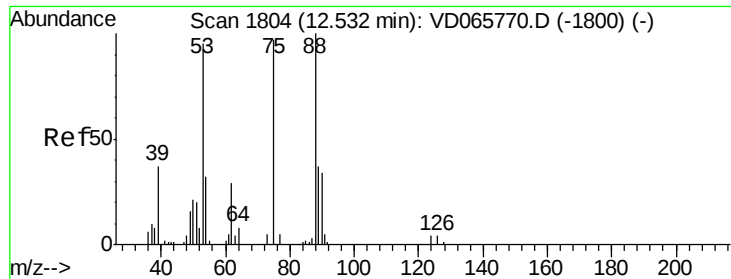
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.24 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion: 105 Resp: 481760
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 52.04 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

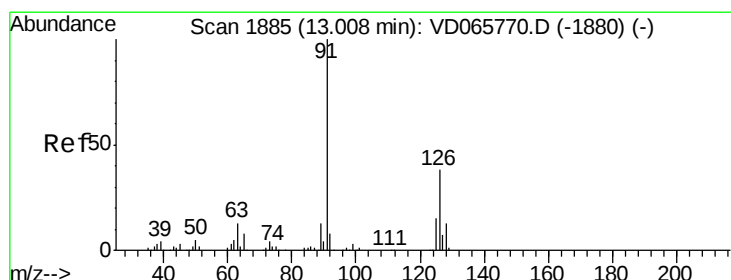
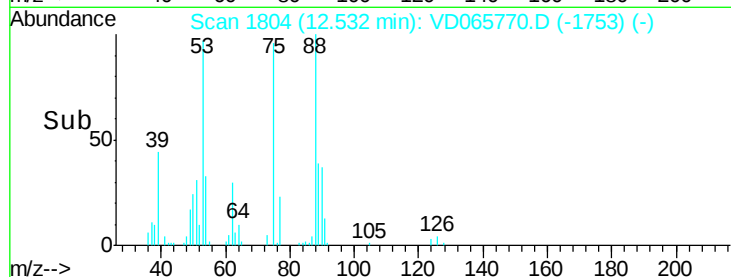
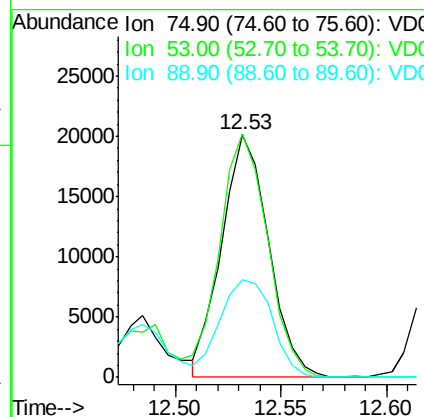
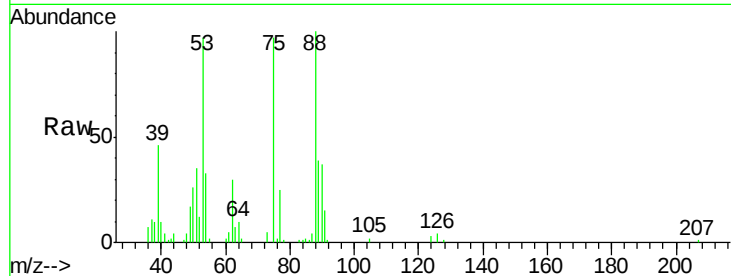
ClientSampleId :

VSTDICCC050

Tgt Ion:	75	Resp:	31007
Ion	Ratio	Lower	Upper
75	100		
53	103.2	82.6	123.8
89	44.9	35.9	53.9

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#82

4-Chlorotoluene

Concen: 49.18 ug/l

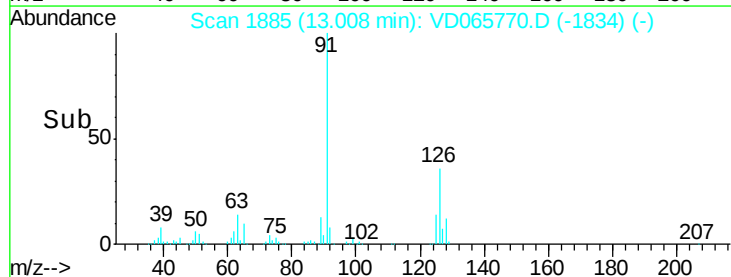
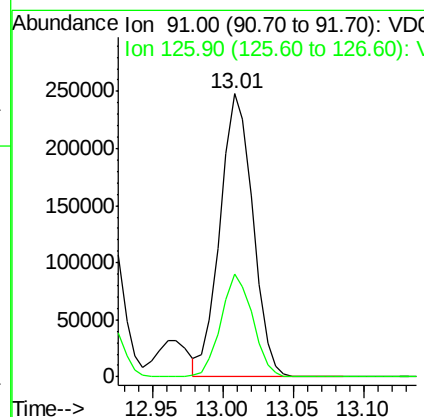
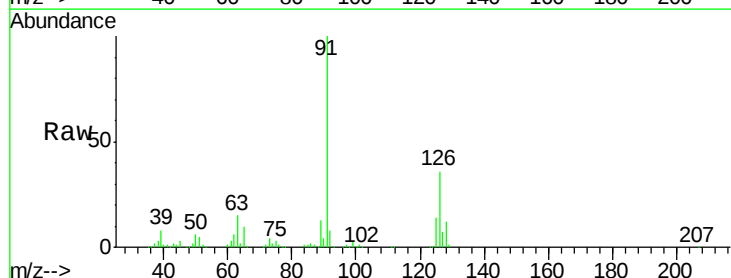
RT: 13.01 min Scan# 1885

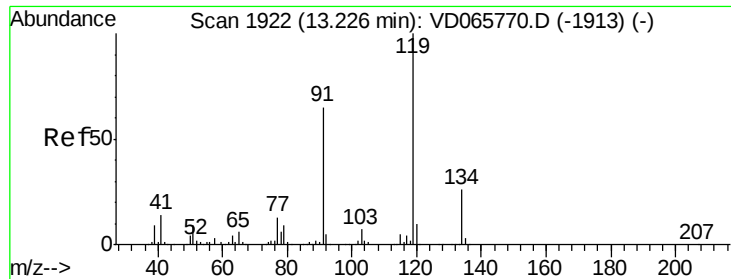
Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Tgt Ion:	91	Resp:	400140
Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.6	52.8





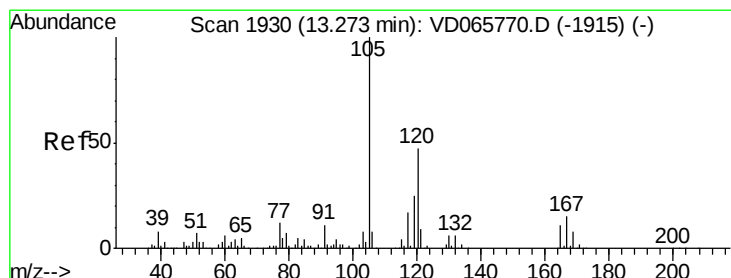
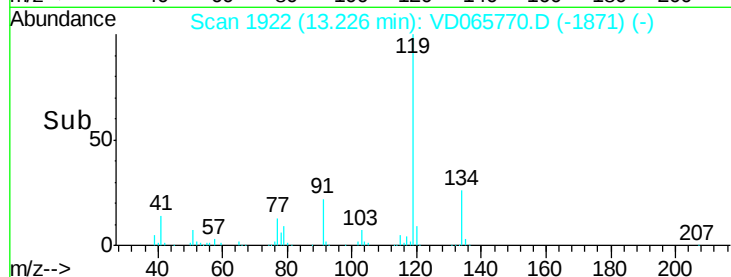
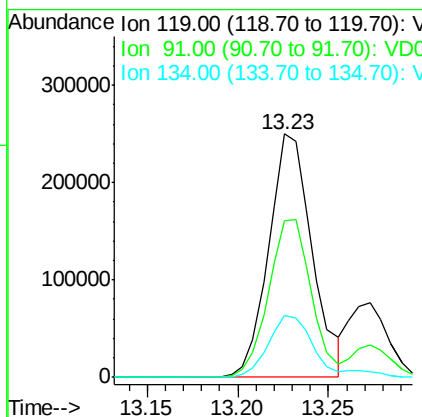
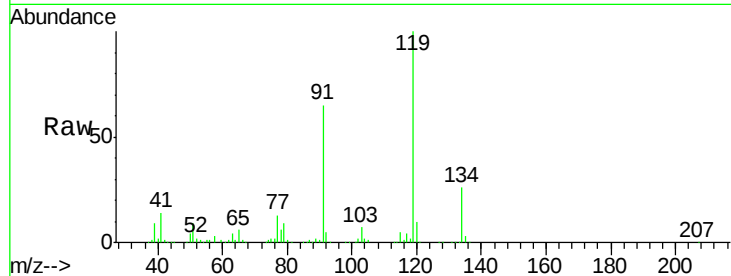
#83
tert-Butylbenzene
Concen: 51.25 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.0	32.0	96.0
134	27.6	13.8	41.4

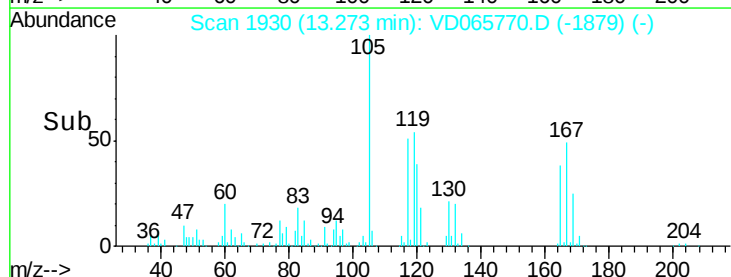
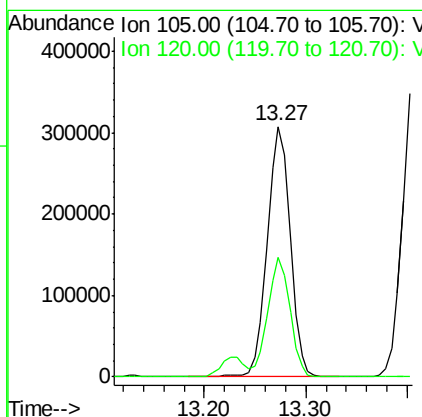
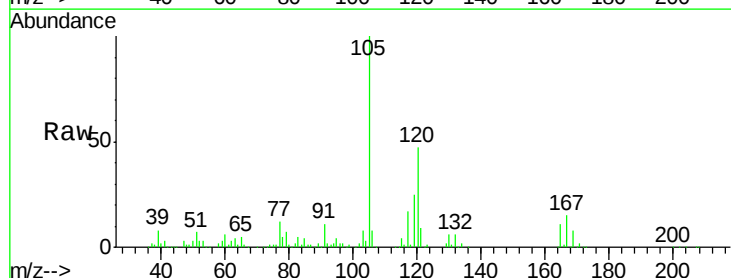
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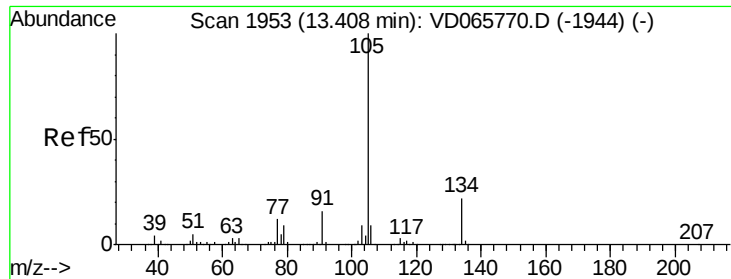
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#84
1,2,4-Trimethylbenzene
Concen: 51.47 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.3	69.8





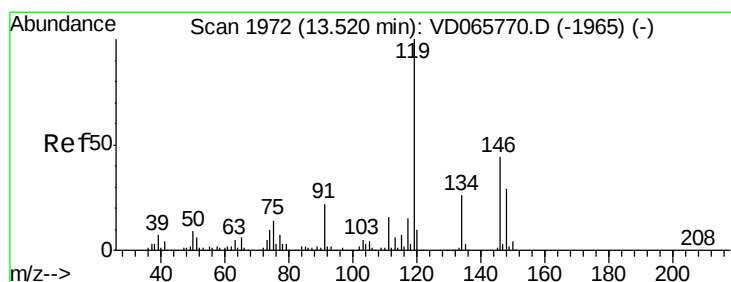
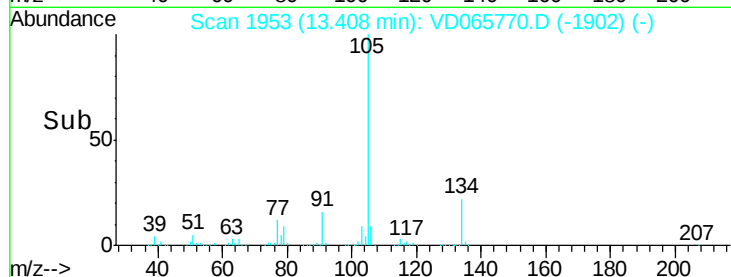
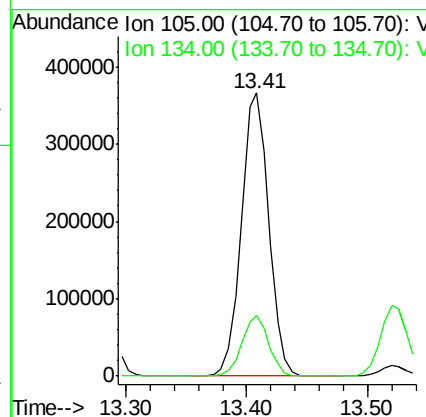
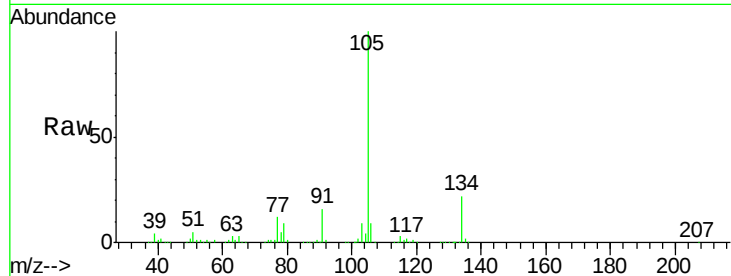
#85
 sec-Butylbenzene
 Concen: 50.71 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.4	31.4

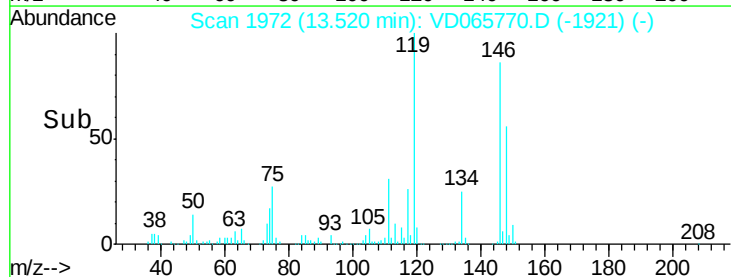
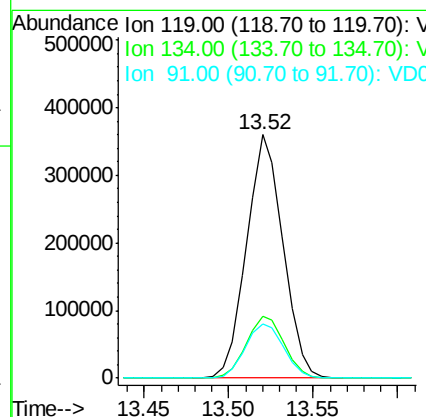
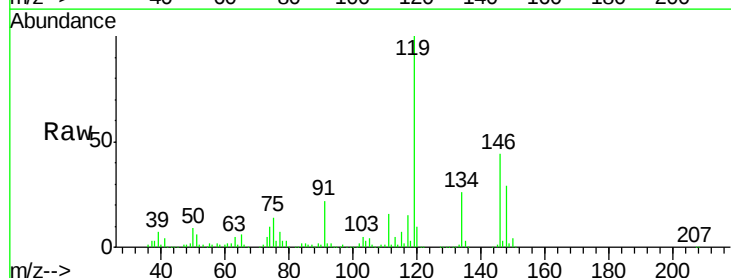
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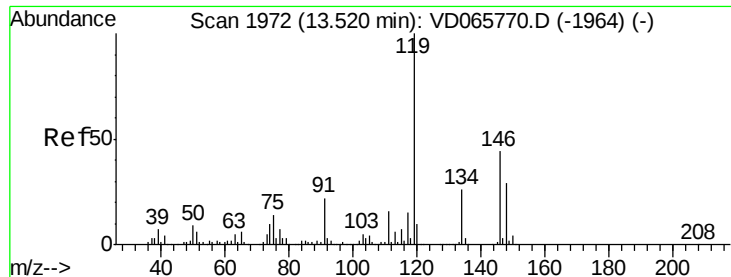
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#86
 p-Isopropyltoluene
 Concen: 52.11 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.3	39.9
91	23.6	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 48.92 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

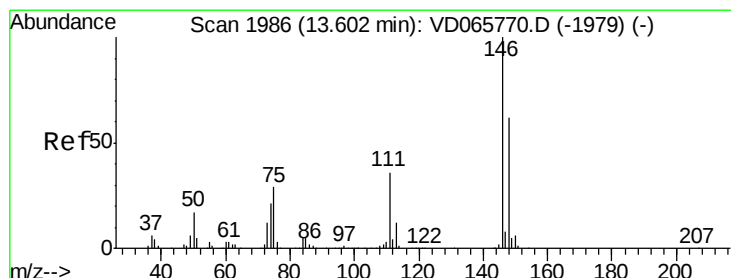
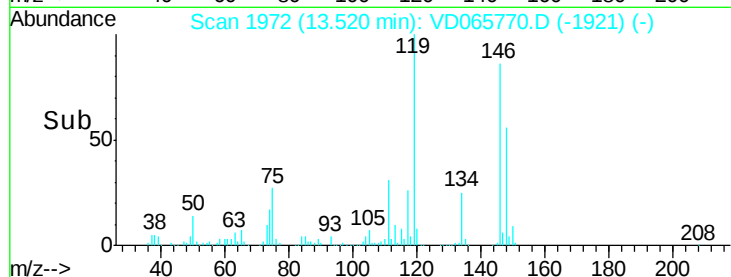
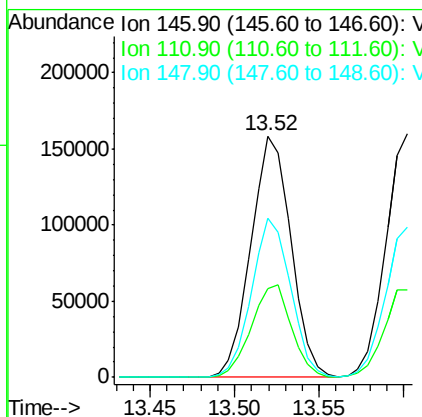
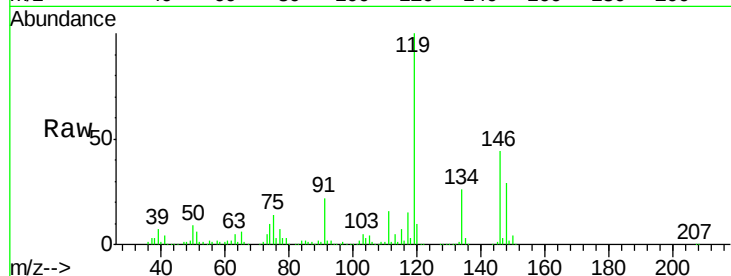
ClientSampleId :

VSTDICCC050

Tgt Ion:	146	Resp:	261737
Ion Ratio	Lower	Upper	
146	100		
111	38.4	19.2	57.6
148	64.2	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 48.87 ug/l

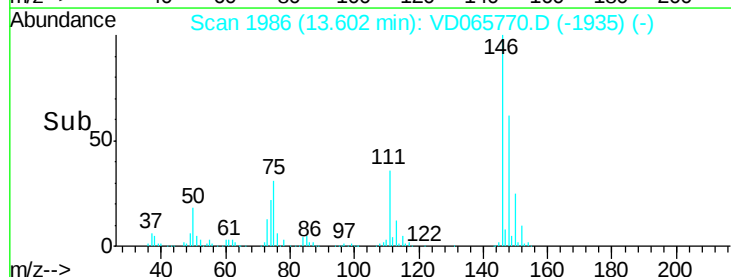
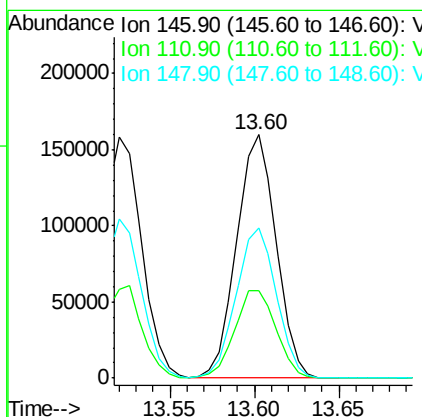
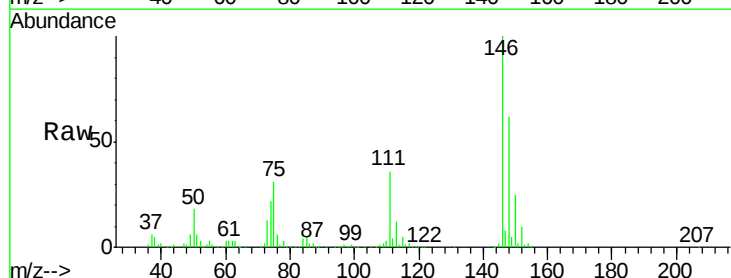
RT: 13.60 min Scan# 1986

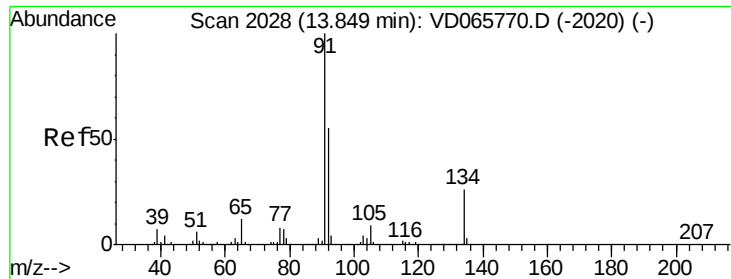
Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Tgt Ion:	146	Resp:	260867
Ion Ratio	Lower	Upper	
146	100		
111	37.8	18.9	56.7
148	63.1	31.6	94.7





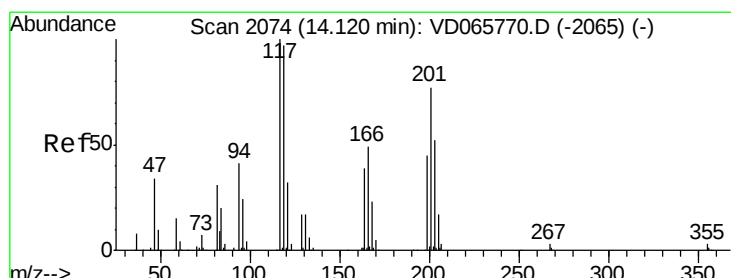
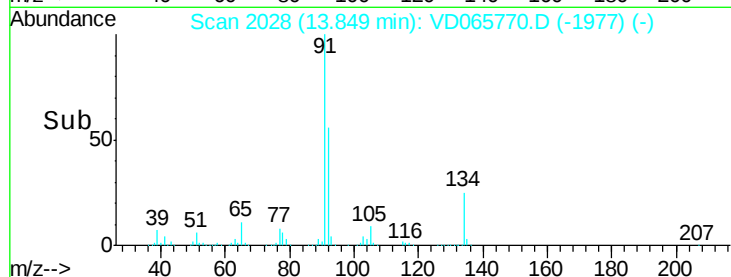
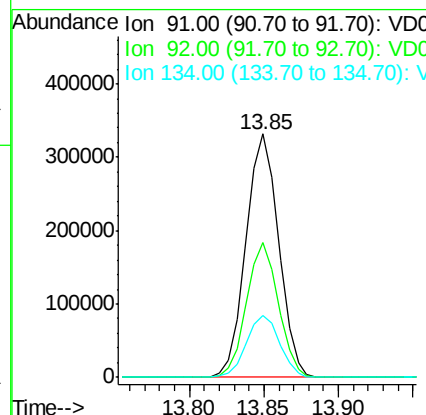
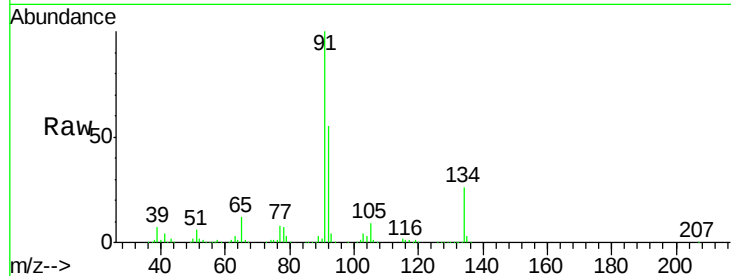
#89
n-Butylbenzene
Concen: 50.55 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.0	81.0
134	26.0	13.0	39.0

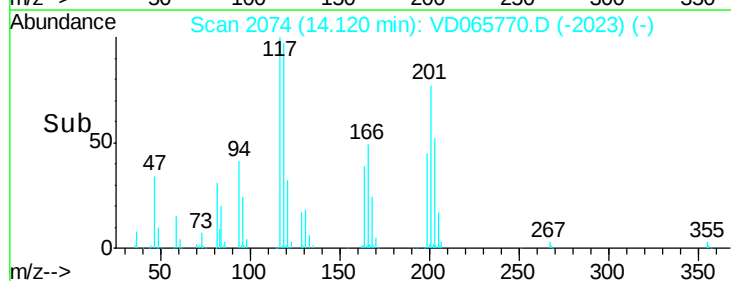
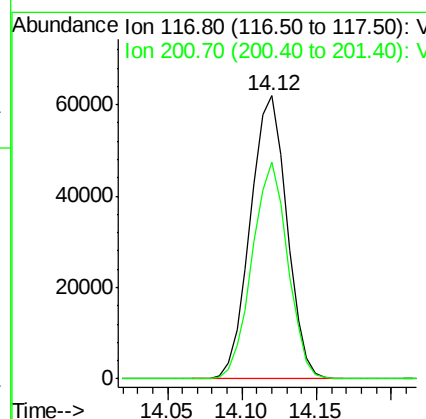
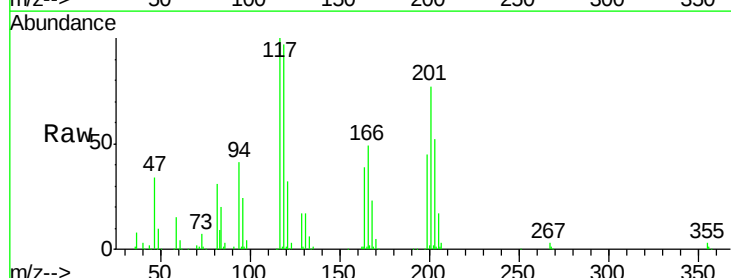
Manual Integrations
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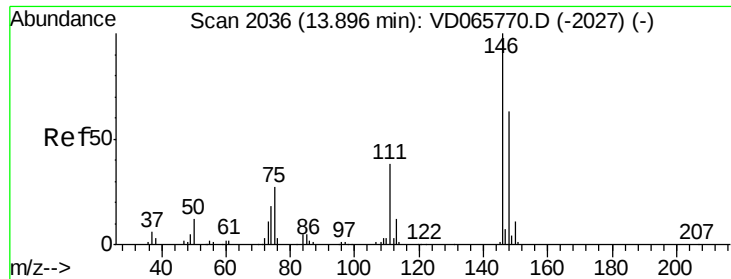
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#90
Hexachloroethane
Concen: 49.88 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.3	37.1	111.5





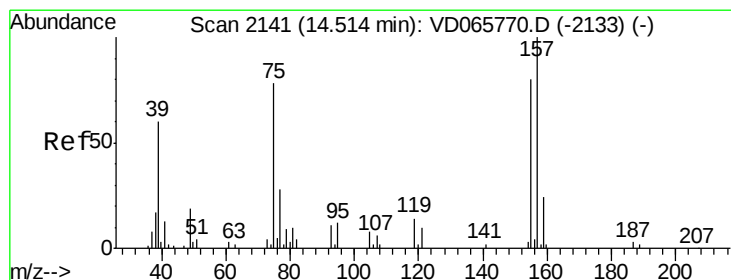
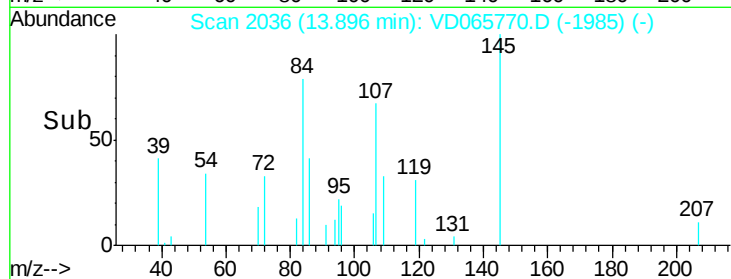
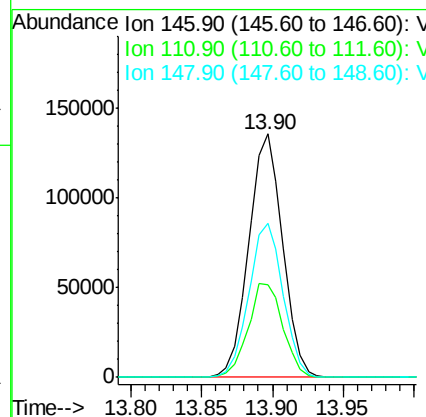
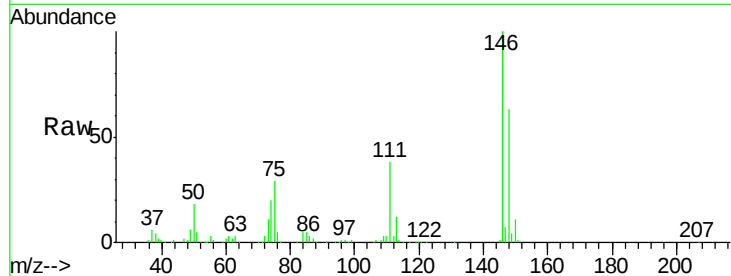
#91
 1,2-Dichlorobenzene
 Concen: 49.69 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	228033		
111	39.6	19.8	59.4	
148	63.8	31.9	95.7	

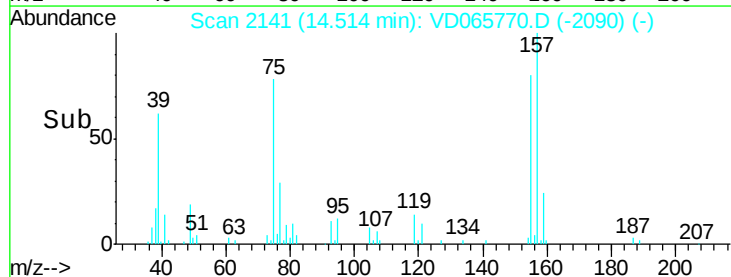
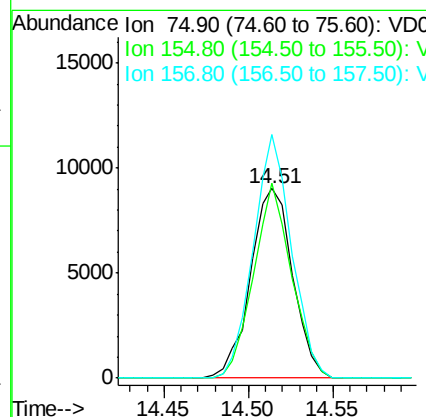
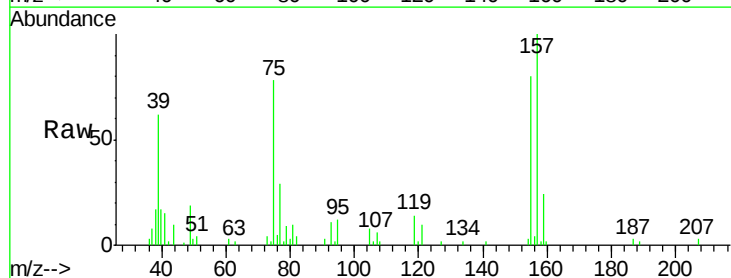
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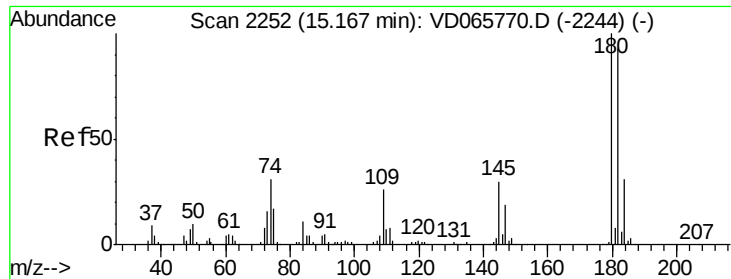
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.23 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15679		
155	92.6	46.3	138.9	
157	116.2	58.1	174.3	





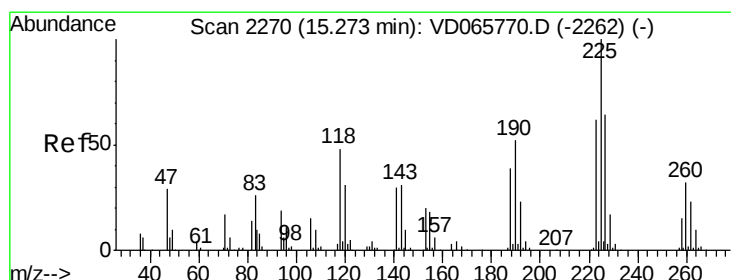
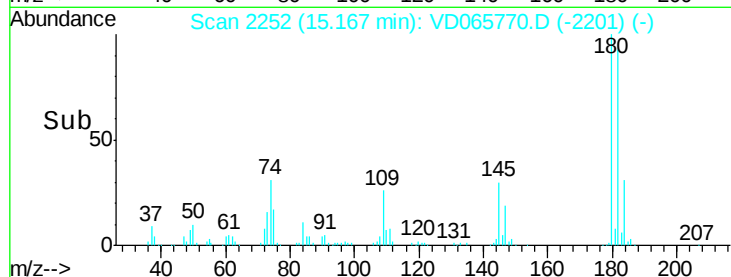
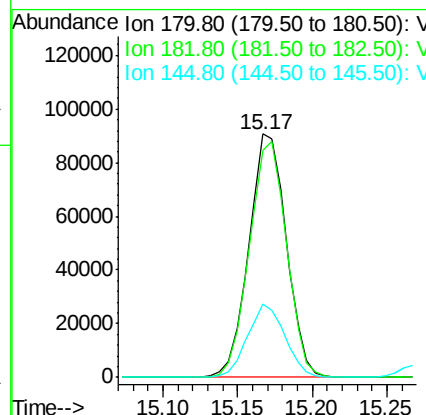
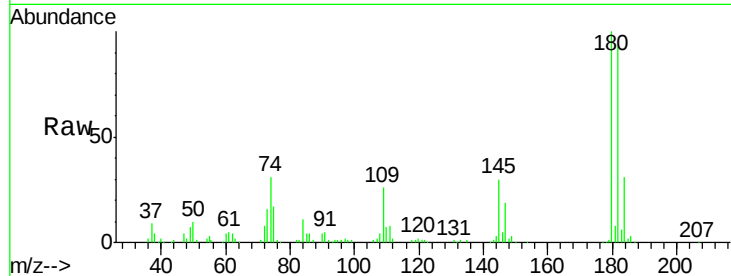
#93
1,2,4-Trichlorobenzene
Concen: 51.76 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	157347		
182	96.1	48.0	144.2	
145	29.9	14.9	44.9	

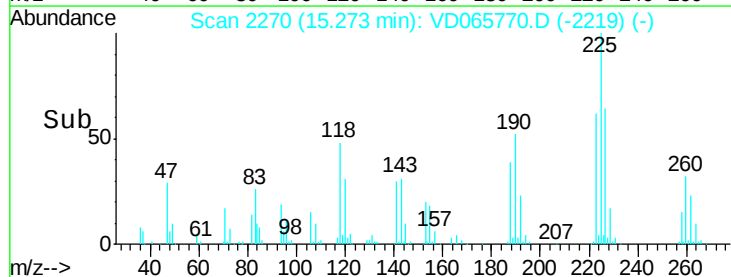
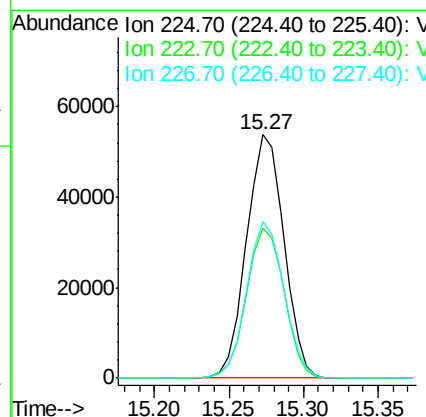
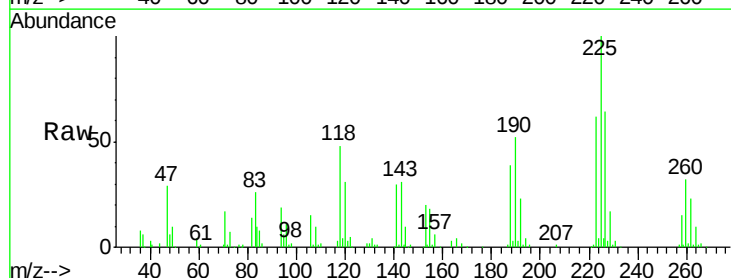
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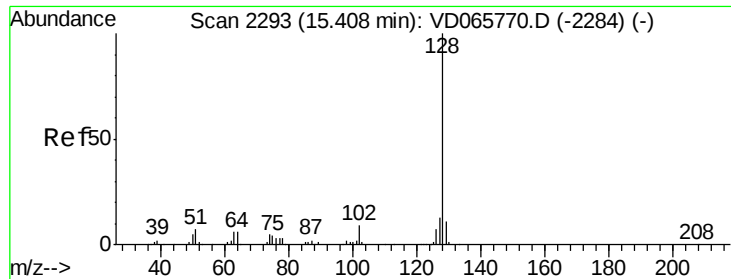
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#94
Hexachlorobutadiene
Concen: 50.05 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	93698		
223	61.8	30.9	92.7	
227	63.8	31.9	95.7	





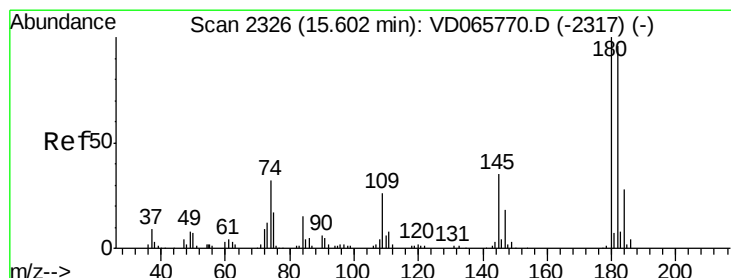
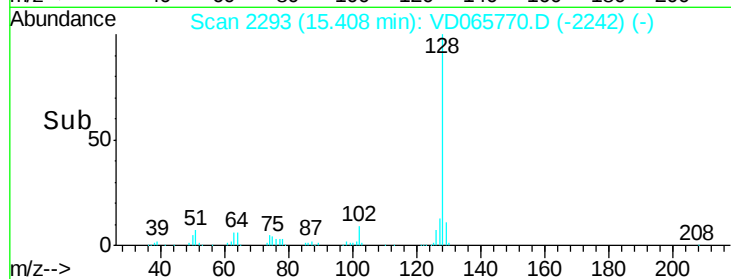
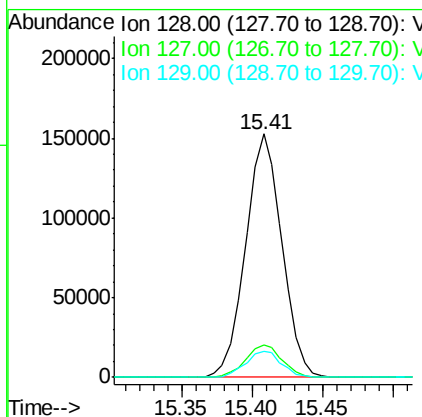
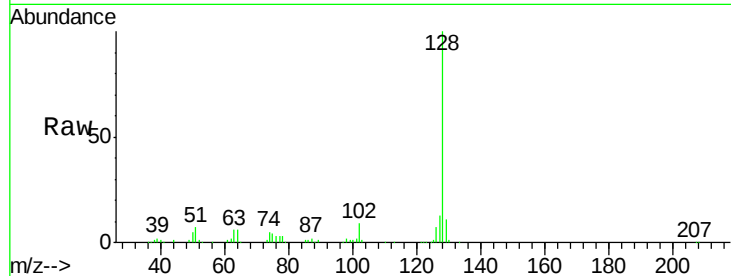
#95
Naphthalene
Concen: 54.10 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.7	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.60 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.0	141.2
145	32.4	16.2	48.6

