

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060520\
 Data File : VD065769.D
 Acq On : 05 Jun 2020 11:24
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/5/2020 4:12:42 PM

Quant Time: Jun 05 12:51:16 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	216656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	343709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	316162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	158668	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	42246	19.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.96%	
35) Dibromofluoromethane	7.91	113	40865	18.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.52%	
50) Toluene-d8	10.34	98	150079	18.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.86%	
62) 4-Bromofluorobenzene	12.64	95	52087	19.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	38157	21.61	ug/l	98
3) Chloromethane	2.21	50	63627	21.21	ug/l	99
4) Vinyl Chloride	2.35	62	73124	21.35	ug/l	99
5) Bromomethane	2.76	94	49869	20.80	ug/l	90
6) Chloroethane	2.91	64	48770	21.12	ug/l	99
7) Trichlorofluoromethane	3.27	101	81521	21.17	ug/l	92
8) Diethyl Ether	3.71	74	19199	19.69	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.09	101	47142	20.61	ug/l	99
10) Methyl Iodide	4.30	142	43070	21.59	ug/l	99
11) Tert butyl alcohol	5.23	59	15230	86.67	ug/l #	74
12) 1,1-Dichloroethene	4.07	96	43070	20.99	ug/l	97
13) Acrolein	3.91	56	13005	100.82	ug/l	96
14) Allyl chloride	4.71	41	68941	20.71	ug/l	97
15) Acrylonitrile	5.43	53	44779	101.40	ug/l	98
16) Acetone	4.16	43	39204	95.43	ug/l	90
17) Carbon Disulfide	4.40	76	145923	21.09	ug/l #	94
18) Methyl Acetate	4.72	43	19709	17.44	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	94539	20.93	ug/l	98
20) Methylene Chloride	4.96	84	50056	18.61	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	47210	19.89	ug/l	92
22) Diisopropyl ether	6.37	45	139899	20.91	ug/l	100
23) Vinyl Acetate	6.31	43	396218	108.11	ug/l	98
24) 1,1-Dichloroethane	6.27	63	84854	20.48	ug/l	96
25) 2-Butanone	7.21	43	55626	98.37	ug/l	96
26) 2,2-Dichloropropane	7.21	77	73726	20.02	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	53139	21.02	ug/l	98
28) Bromochloromethane	7.54	49	30733	19.66	ug/l	99
29) Tetrahydrofuran	7.57	42	36757	103.27	ug/l	98
30) Chloroform	7.71	83	87242	20.37	ug/l	98
31) Cyclohexane	7.98	56	79793	19.57	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	81737	20.70	ug/l	99
36) 1,1-Dichloropropene	8.11	75	69549	20.58	ug/l	99
37) Ethyl Acetate	7.30	43	25304	19.26	ug/l #	91
38) Carbon Tetrachloride	8.10	117	74023	20.88	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	80933	20.63	ug/l	98
40) Benzene	8.35	78	190205	20.83	ug/l	96
41) Methacrylonitrile	7.54	41	18236m	22.25	ug/l	
42) 1,2-Dichloroethane	8.43	62	56740	20.30	ug/l	99
43) Isopropyl Acetate	8.45	43	53084	20.59	ug/l	98
44) Trichloroethene	9.11	130	51845	20.44	ug/l	96
45) 1,2-Dichloropropane	9.38	63	47282	20.48	ug/l	98
46) Dibromomethane	9.48	93	25210	20.25	ug/l	99
47) Bromodichloromethane	9.66	83	67461	20.12	ug/l	98
48) Methyl methacrylate	9.46	41	26616	21.09	ug/l	97
49) 1,4-Dioxane	9.47	88	5477	418.62	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	131538	104.64	ug/l	97
52) Toluene	10.40	92	122635	20.96	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	61149	20.70	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	72946	20.84	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	34638	20.95	ug/l	91
56) Ethyl methacrylate	10.67	69	39084	20.86	ug/l	98
57) 1,3-Dichloropropane	10.95	76	57933	20.23	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	90030	102.49	ug/l	100
59) 2-Hexanone	10.99	43	88394	105.51	ug/l	99
60) Dibromochloromethane	11.14	129	45367	20.39	ug/l	100
61) 1,2-Dibromoethane	11.25	107	33167	20.59	ug/l	99
64) Tetrachloroethene	10.88	164	43940	20.07	ug/l	93
65) Chlorobenzene	11.67	112	128109	20.48	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	48699	21.02	ug/l	99
67) Ethyl Benzene	11.75	91	232142	20.99	ug/l	97
68) m/p-Xylenes	11.86	106	180478	42.39	ug/l	99
69) o-Xylene	12.18	106	80070	21.19	ug/l	99
70) Styrene	12.20	104	138985	21.29	ug/l	98
71) Bromoform	12.37	173	26594	21.01	ug/l	# 92
73) Isopropylbenzene	12.48	105	221945	20.77	ug/l	99
74) N-amyl acetate	12.29	43	49058	20.69	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	37860	20.38	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	21727m	17.48	ug/l	
77) Bromobenzene	12.76	156	53367	21.06	ug/l	99
78) n-propylbenzene	12.83	91	269596	20.79	ug/l	99
79) 2-Chlorotoluene	12.91	91	148059	20.80	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	184470	20.76	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	11674	20.73	ug/l	97
82) 4-Chlorotoluene	13.01	91	157933	20.54	ug/l	100
83) tert-Butylbenzene	13.23	119	159709	20.77	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	186704	20.98	ug/l	100
85) sec-Butylbenzene	13.41	105	227949	21.15	ug/l	99
86) p-Isopropyltoluene	13.52	119	204136	20.86	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	106347	21.02	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	102207	20.25	ug/l	98
89) n-Butylbenzene	13.85	91	195313	20.76	ug/l	98
90) Hexachloroethane	14.12	117	41242	20.74	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	91669	21.13	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6097	19.84	ug/l	90

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ClientSampleId :
VSTDICC020

Manual Integrations
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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	59796	20.81	ug/l	98
94) Hexachlorobutadiene	15.27	225	36431	20.59	ug/l	94
95) Naphthalene	15.41	128	100632	20.98	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	52286	21.16	ug/l	98

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

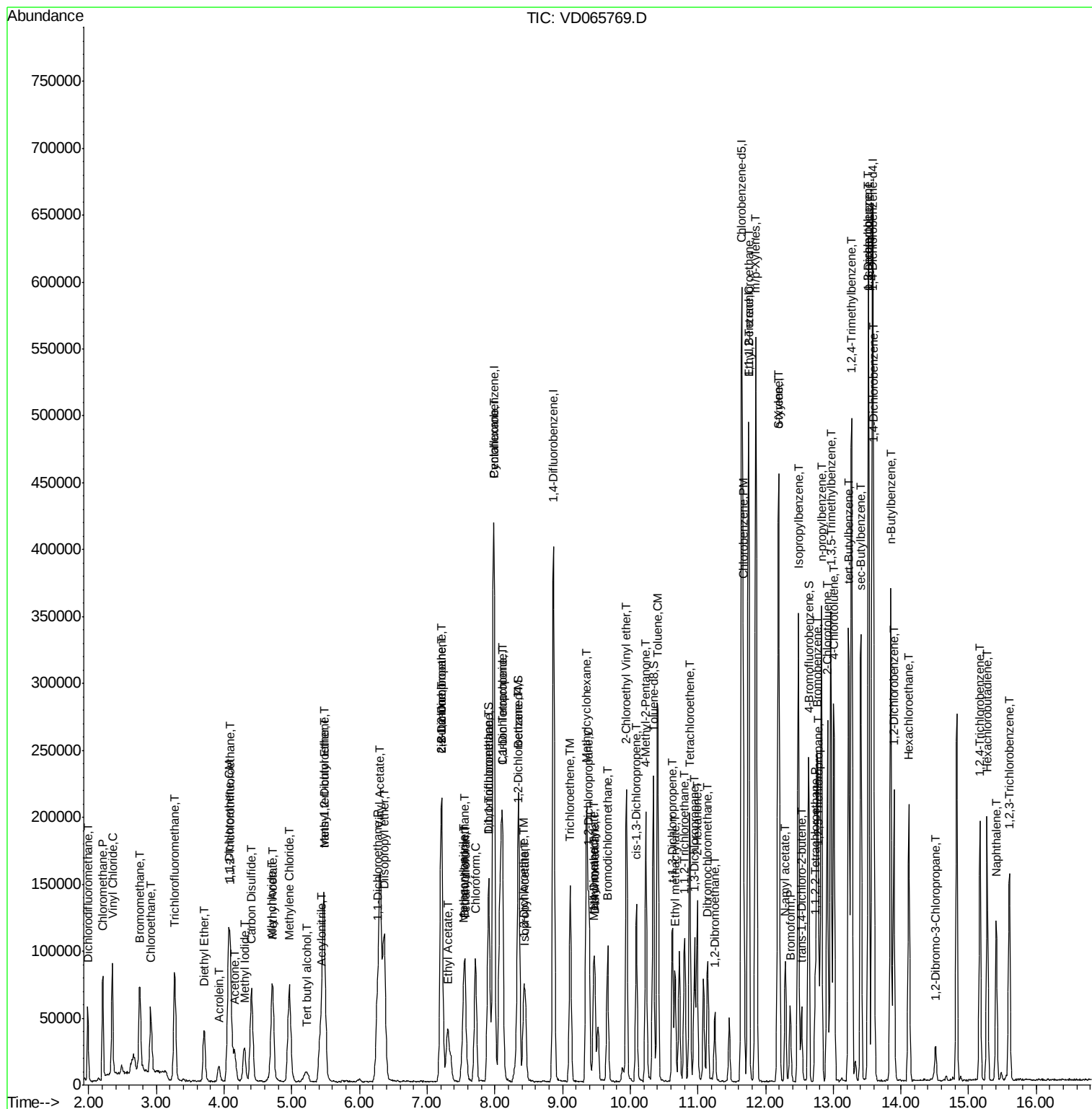
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 Data File : VD065769.D
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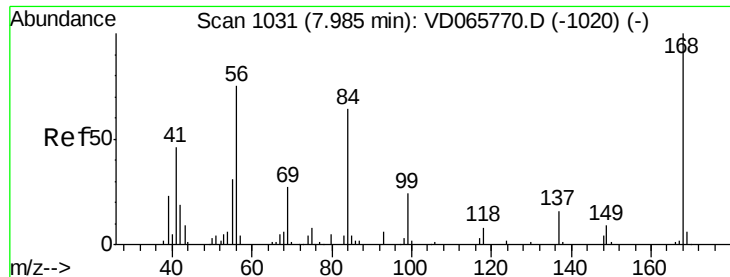
Instrument :
 MSVOA_D
 Client Sampled :
 VSTDIC020

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 168 Resp: 216656

Ion Ratio Lower Upper

168 100

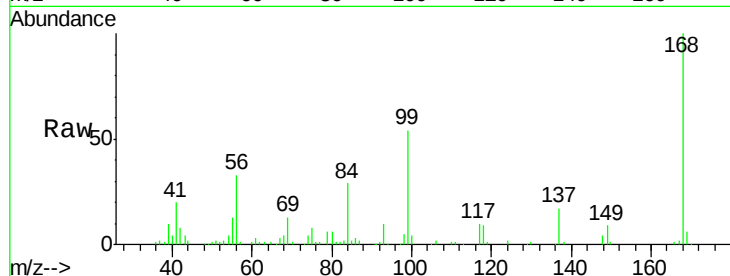
99 54.1 45.3 67.9

Manual Integrations

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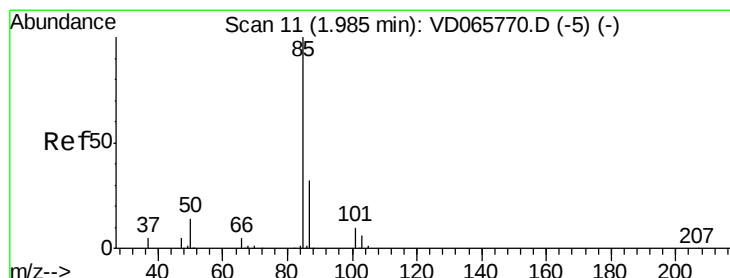
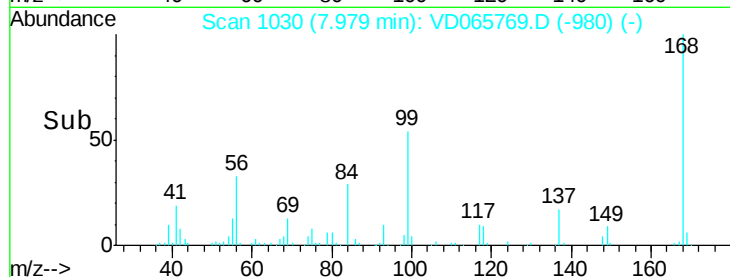
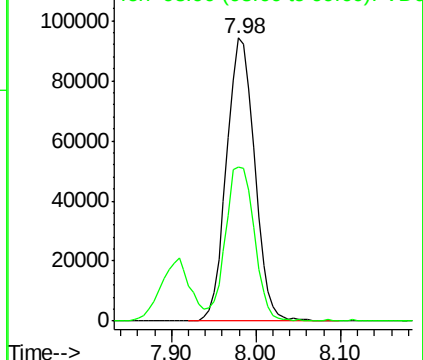
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6/5/2020 4:12:42 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 21.61 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065769.D

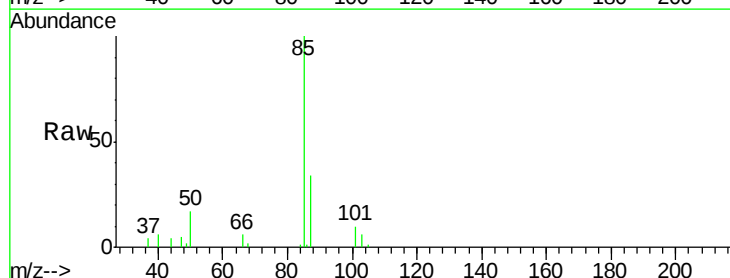
Acq: 05 Jun 2020 11:24

Tgt Ion: 85 Resp: 38157

Ion Ratio Lower Upper

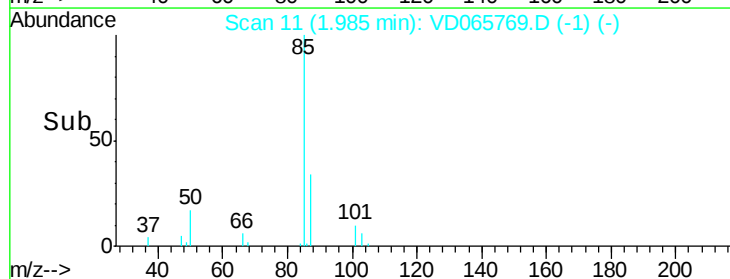
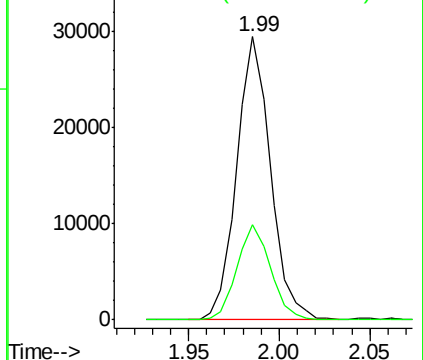
85 100

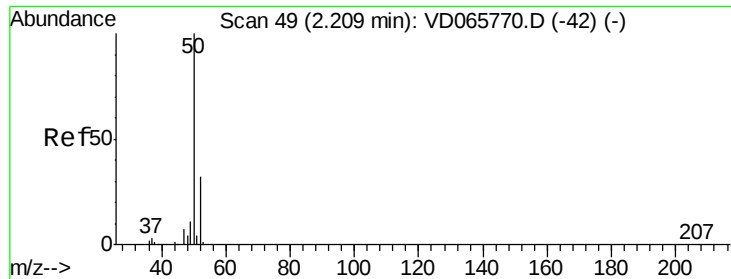
87 33.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.21 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 50 Resp: 63627

Ion Ratio Lower Upper

50 100

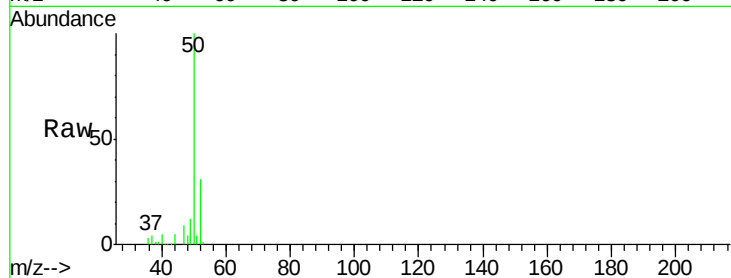
52 31.4 25.6 38.4

Manual Integrations

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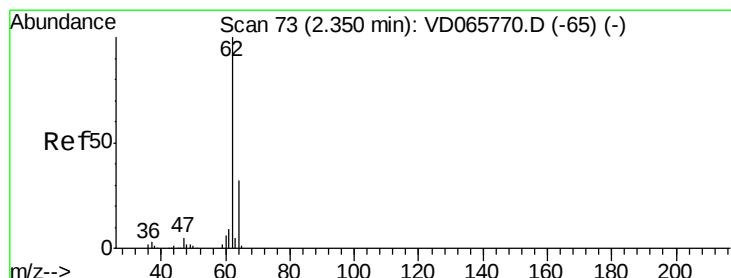
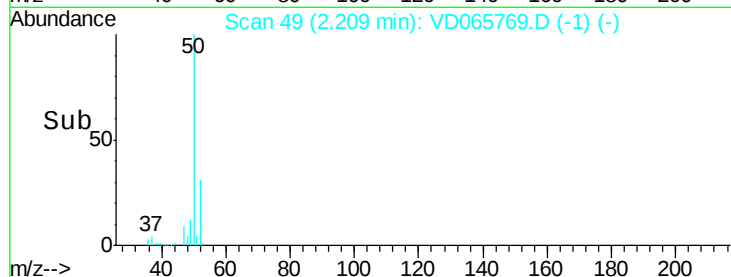
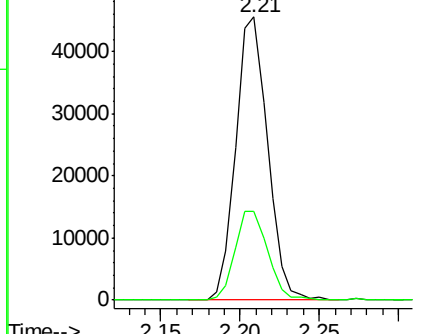
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.35 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065769.D

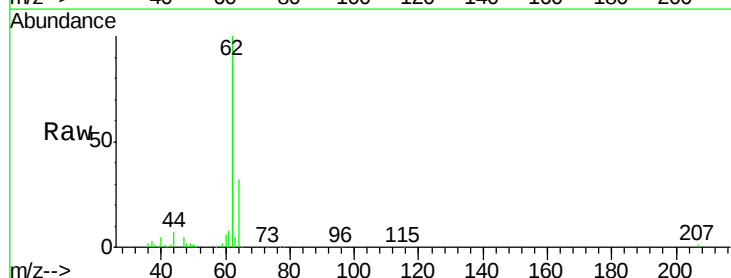
Acq: 05 Jun 2020 11:24

Tgt Ion: 62 Resp: 73124

Ion Ratio Lower Upper

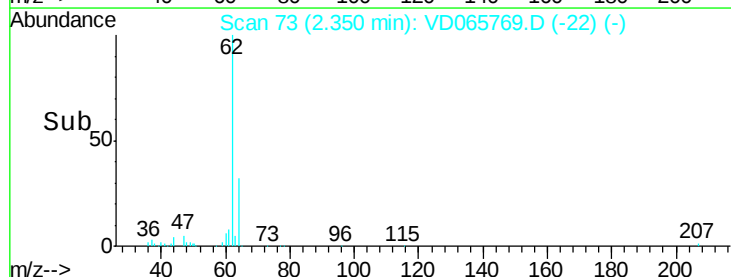
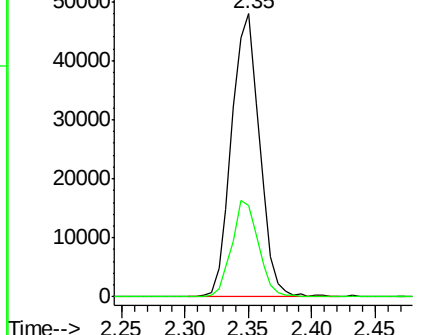
62 100

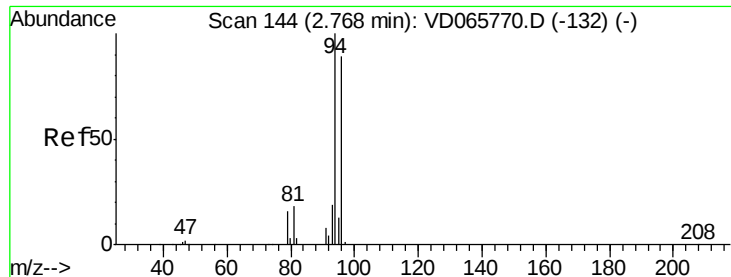
64 32.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.80 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 94 Resp: 49869

Ion Ratio Lower Upper

94 100

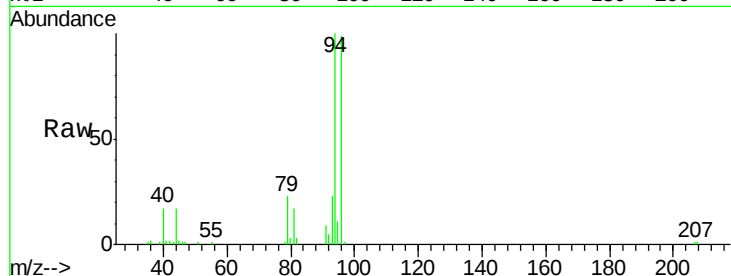
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Manual Integrations

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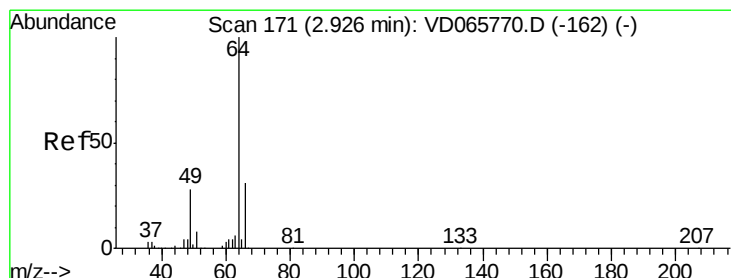
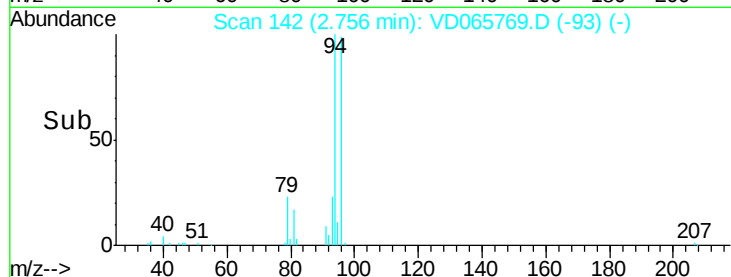
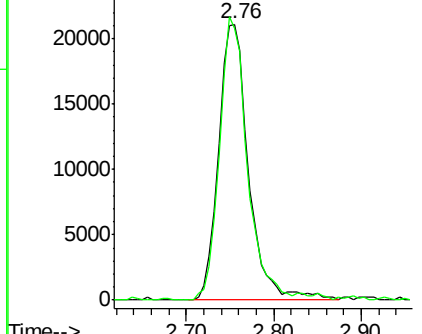
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.12 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD065769.D

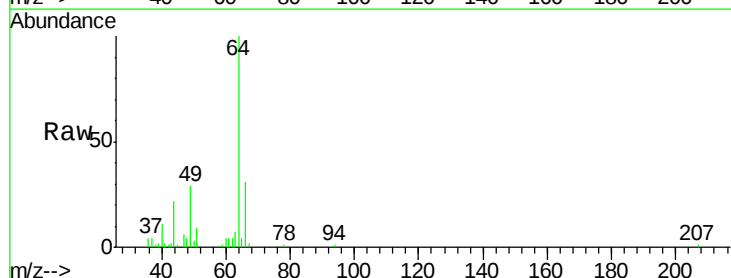
Acq: 05 Jun 2020 11:24

Tgt Ion: 64 Resp: 48770

Ion Ratio Lower Upper

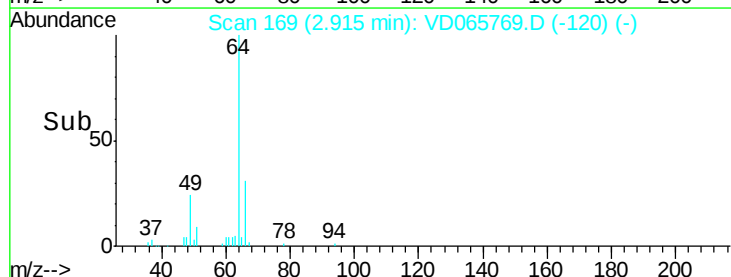
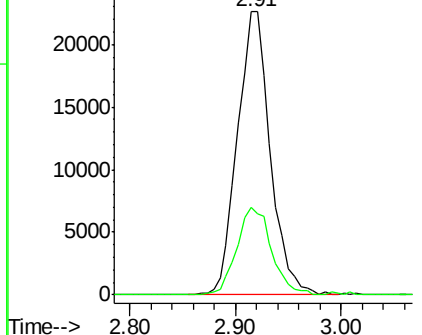
64 100

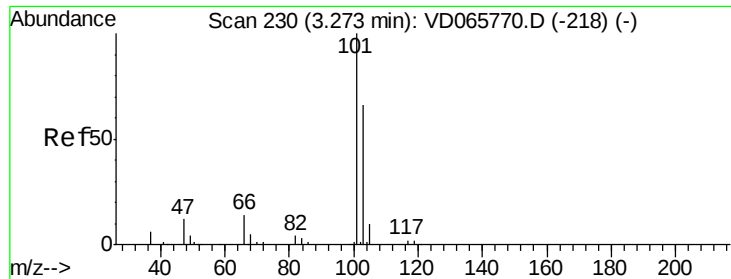
66 31.1 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

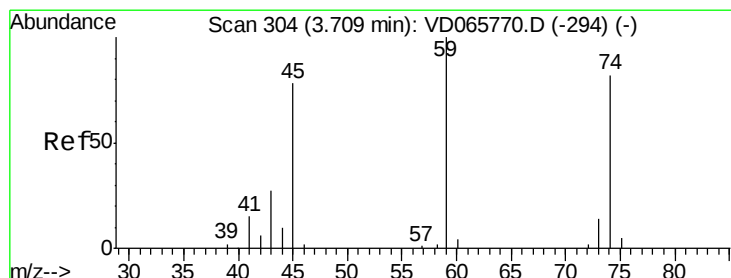
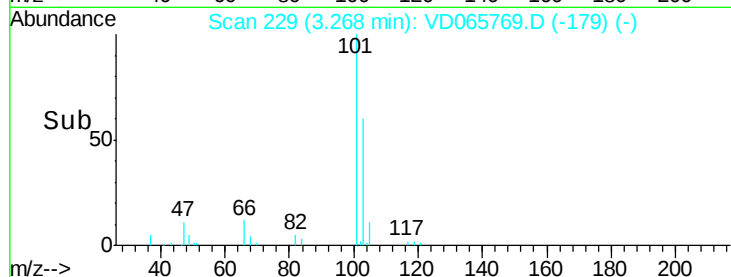
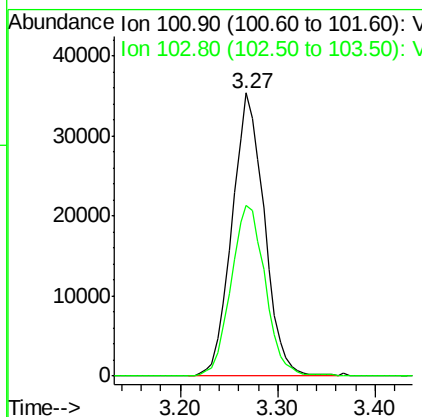
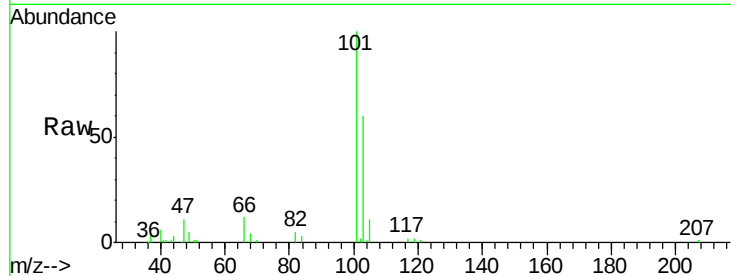
Trichlorofluoromethane
 Concen: 21.17 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

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 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
101	100		
103	60.1	53.1	79.7

Manual Integrations
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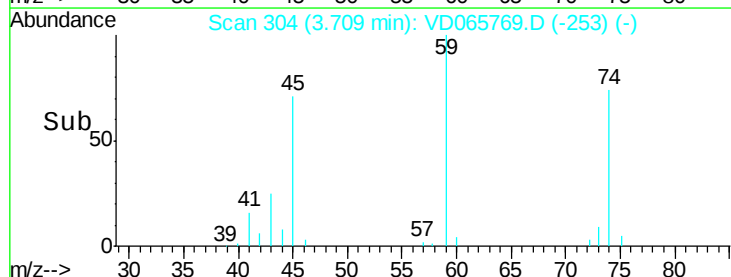
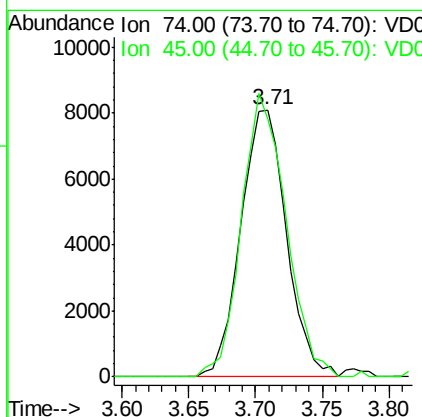
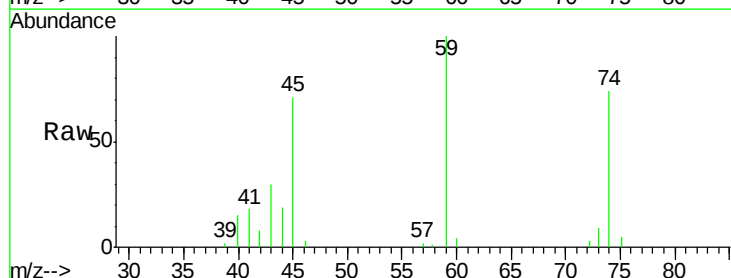
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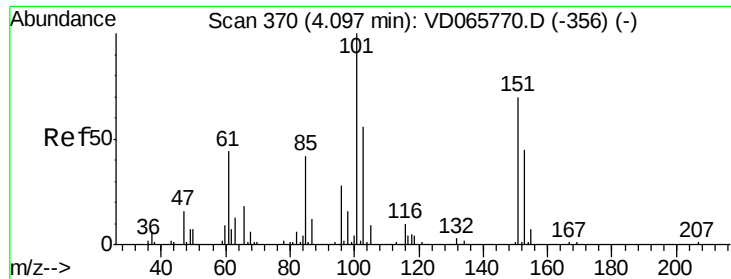


#8

Diethyl Ether
 Concen: 19.69 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.7	47.9	143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.61 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Instrument :

MSVOA_D

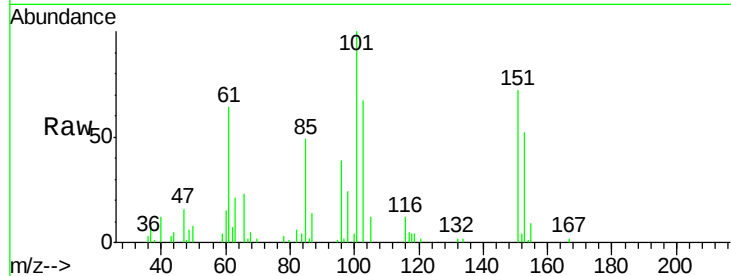
ClientSampleId :

VSTDIC020

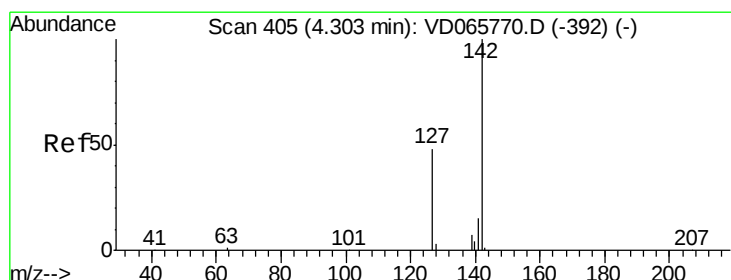
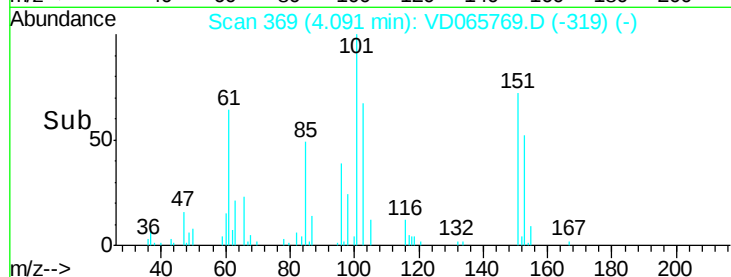
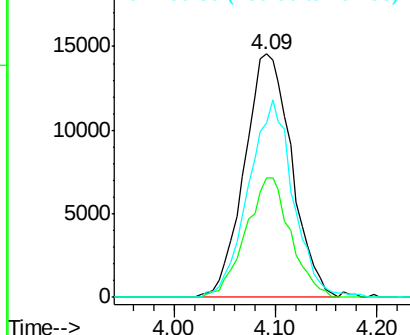
Tgt Ion:	101	Resp:	47142
Ion Ratio	Lower	Upper	
101	100		
85	46.7	36.5	54.7
151	76.9	61.8	92.6

Manual Integrations
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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: 21.59 ug/l

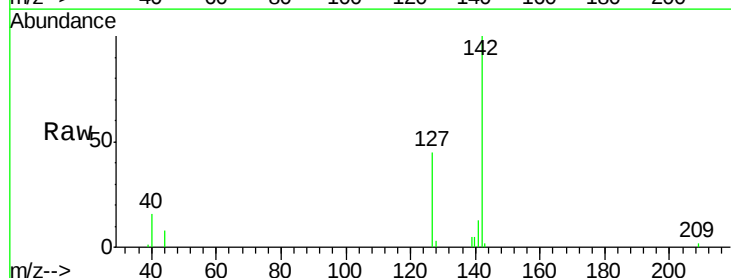
RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

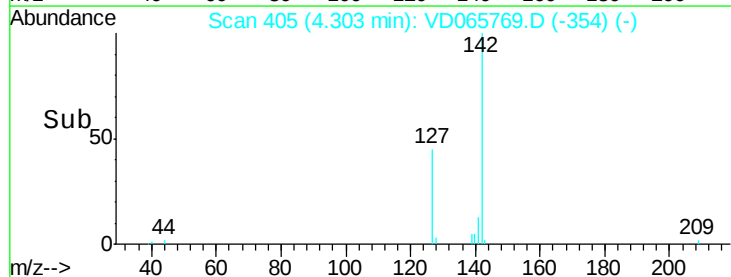
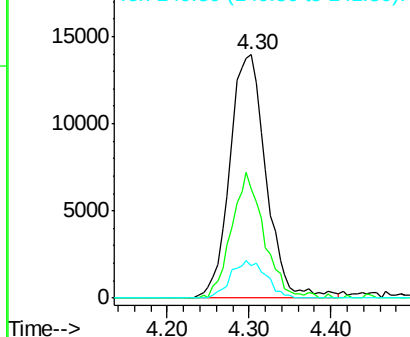
Lab File: VD065769.D

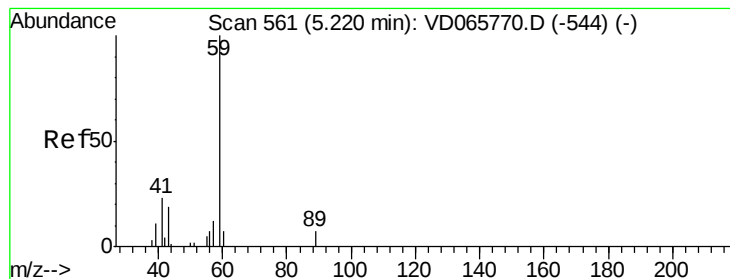
Acq: 05 Jun 2020 11:24

Tgt Ion:	142	Resp:	43070
Ion Ratio	Lower	Upper	
142	100		
127	46.3	37.6	56.4
141	14.8	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

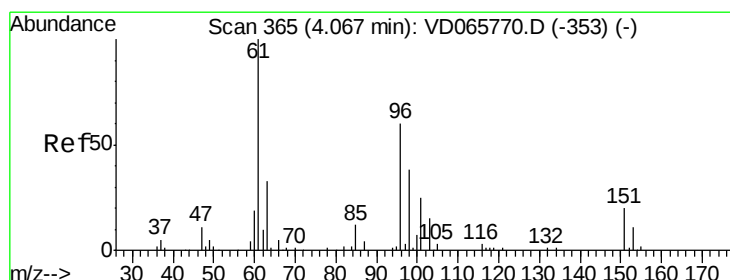
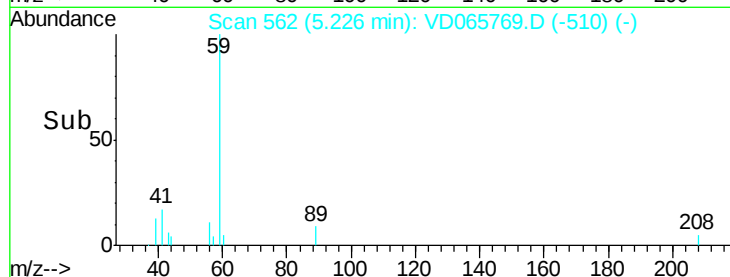
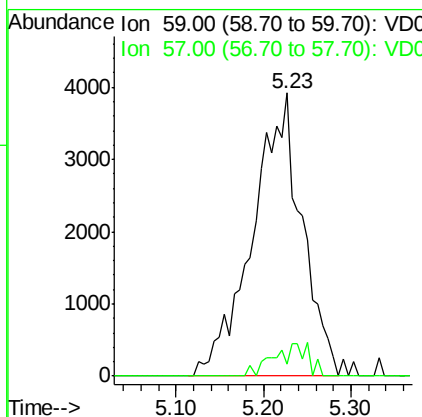
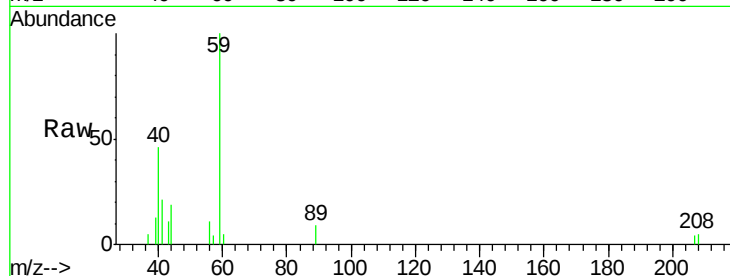
Tert butyl alcohol
Concen: 86.67 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.01 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.5	11.3#

Manual Integrations
APPROVED

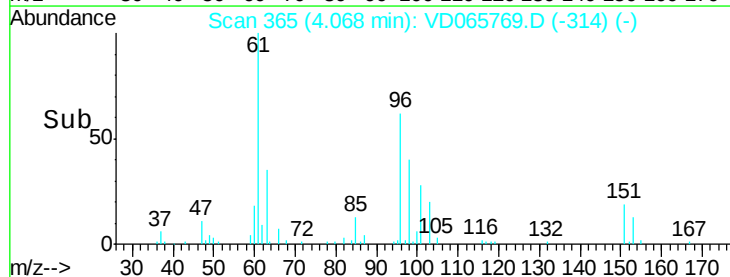
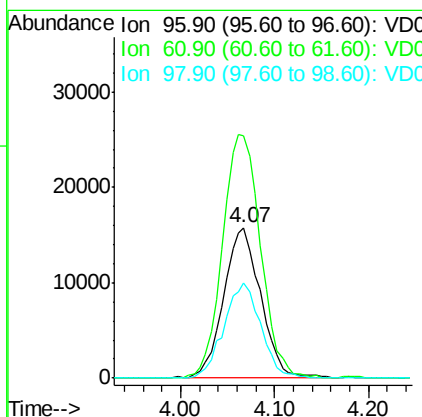
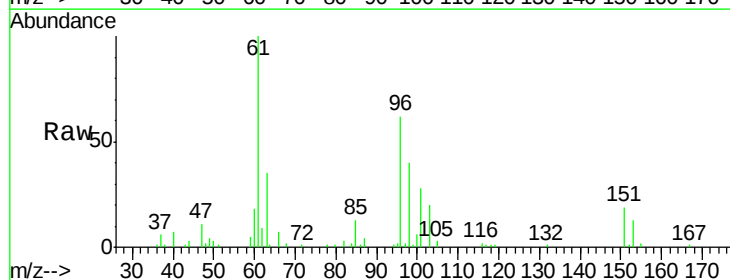
MMDadoda
6/5/2020 4:12:42 PM

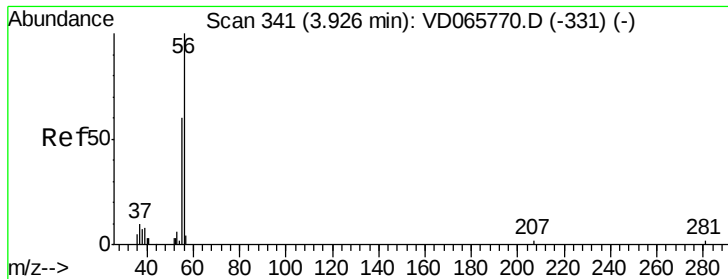


#12

1,1-Dichloroethene
Concen: 20.99 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.6	132.3	198.5
98	63.4	50.7	76.1





#13

Acrolein

Concen: 100.82 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 13005

Ion Ratio Lower Upper

56 100

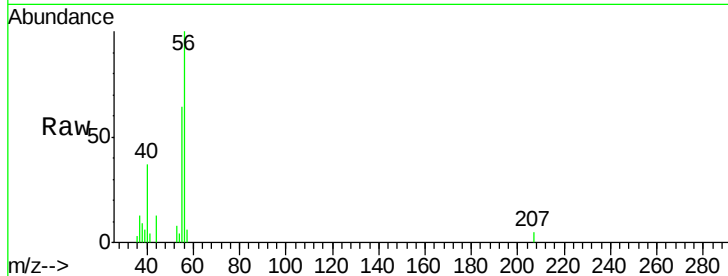
55 71.9 54.8 82.2

Manual Integrations

APPROVED

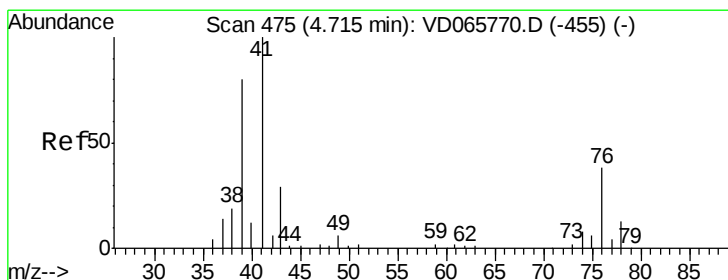
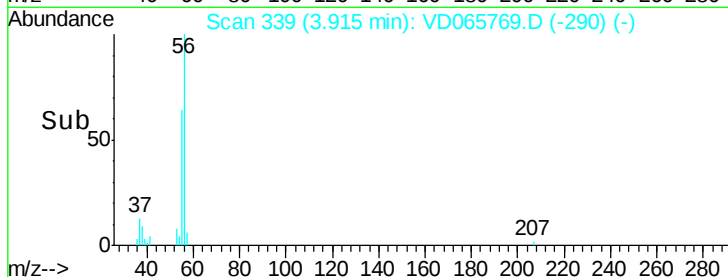
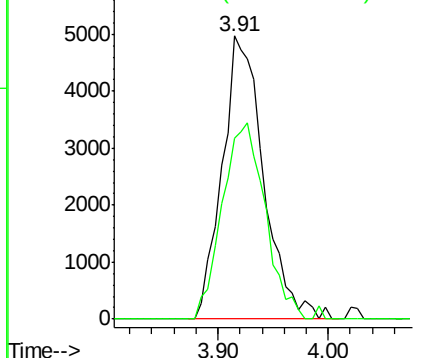
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 20.71 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

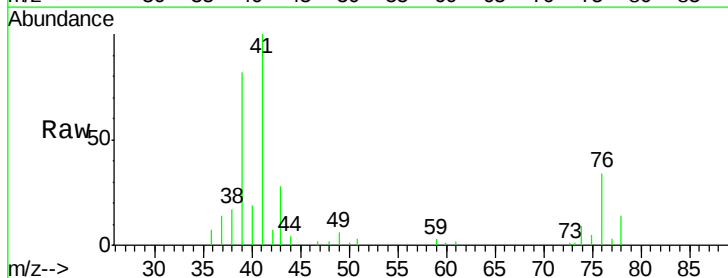
Tgt Ion: 41 Resp: 68941

Ion Ratio Lower Upper

41 100

39 78.6 60.9 91.3

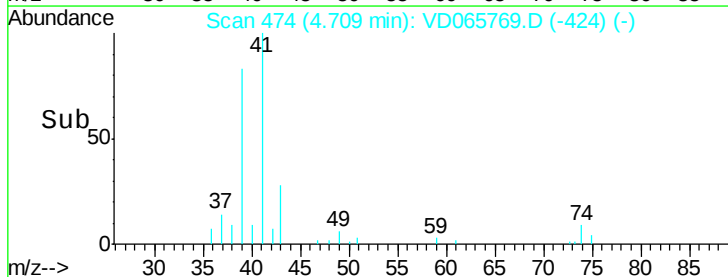
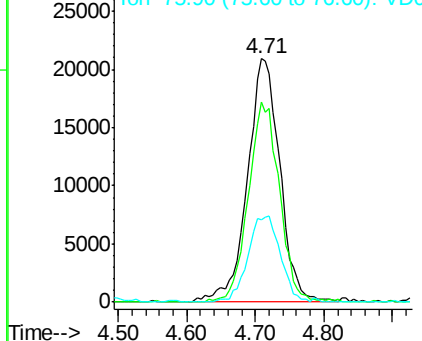
76 35.1 28.9 43.3

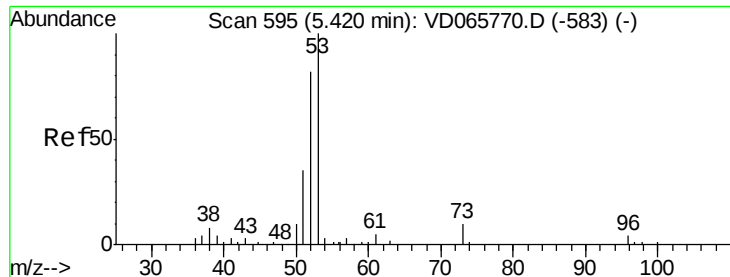


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 101.40 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Instrument :

MSVOA_D

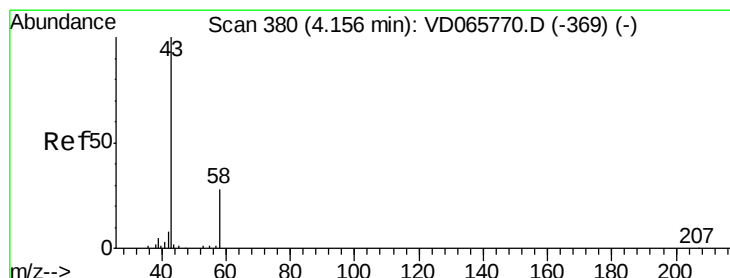
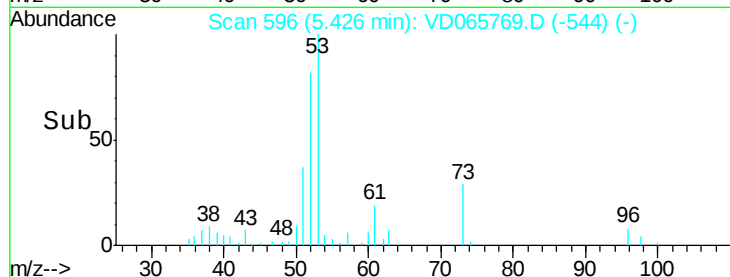
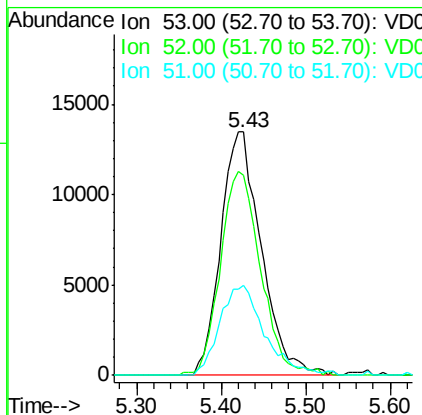
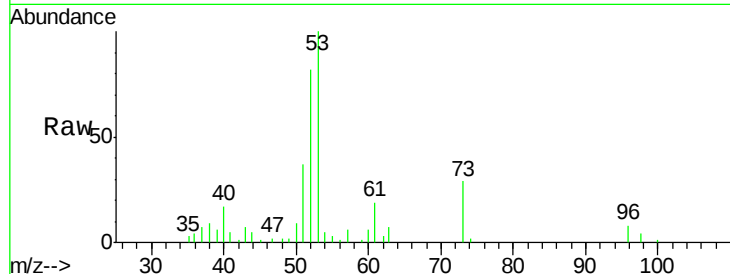
ClientSampleId :

VSTDIC020

Tgt Ion:	53	Resp:	44779
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.2	99.2
51	41.0	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 95.43 ug/l

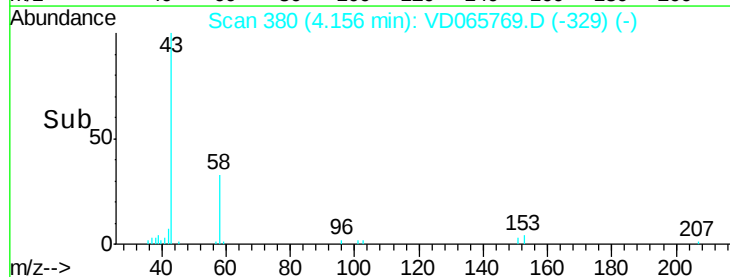
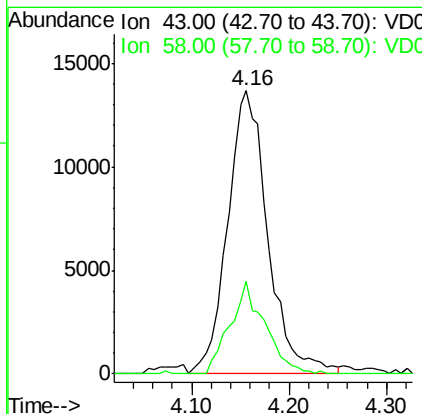
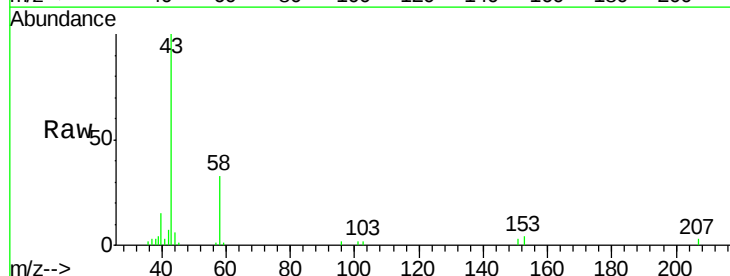
RT: 4.16 min Scan# 380

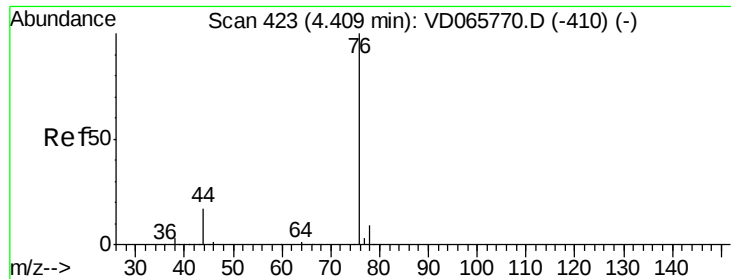
Delta R.T. 0.00 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Tgt Ion:	43	Resp:	39204
Ion	Ratio	Lower	Upper
43	100		
58	32.9	22.3	33.5





#17

Carbon Disulfide

Concen: 21.09 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 145923

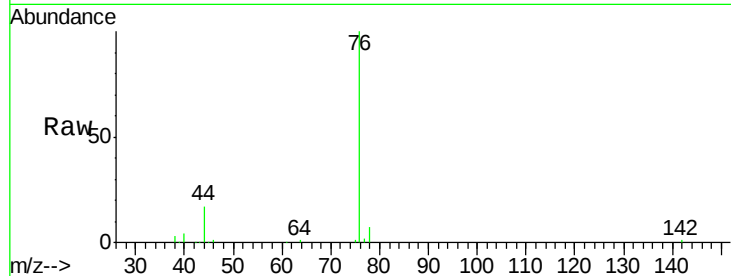
Ion Ratio Lower Upper

76 100

78 6.7 7.1 10.7#

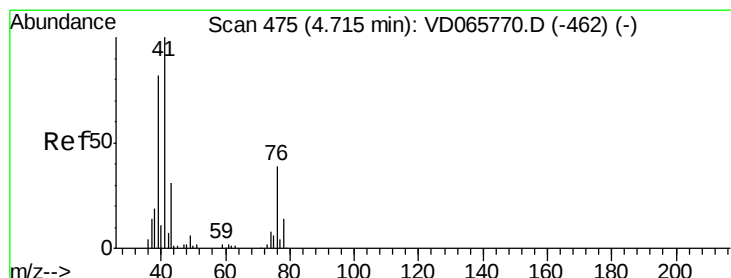
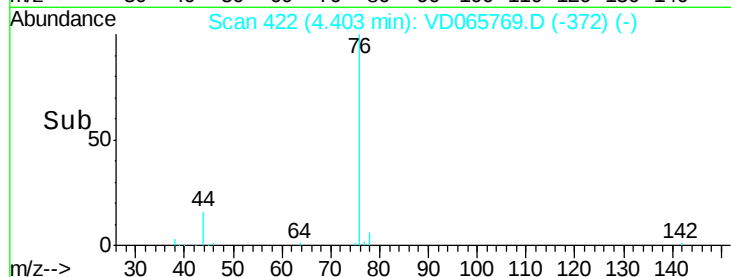
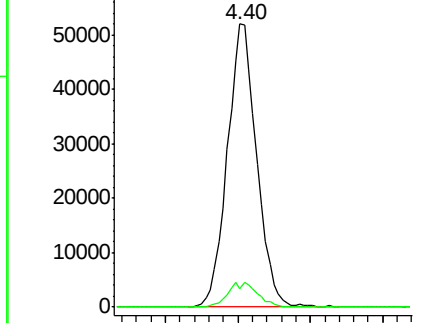
Manual Integrations
APPROVED

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 17.44 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD065769.D

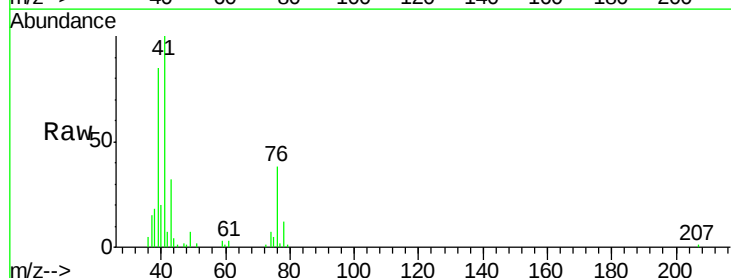
Acq: 05 Jun 2020 11:24

Tgt Ion: 43 Resp: 19709

Ion Ratio Lower Upper

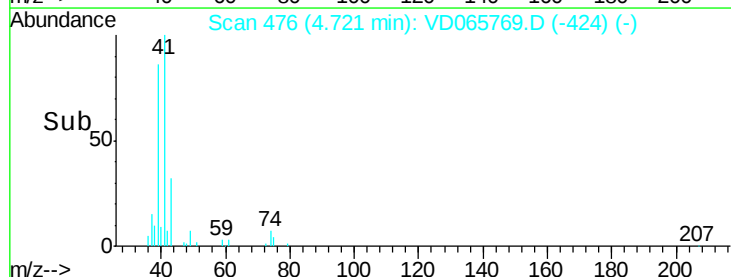
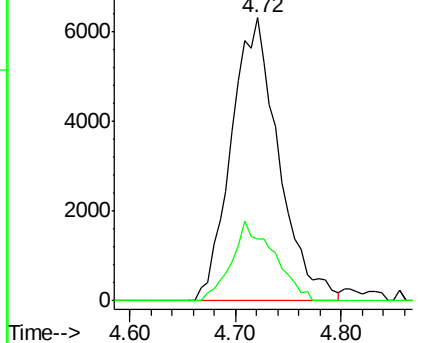
43 100

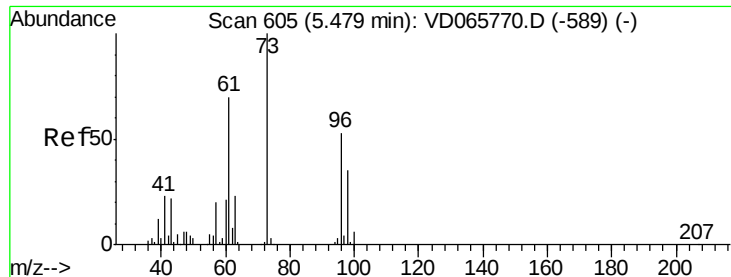
74 25.1 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





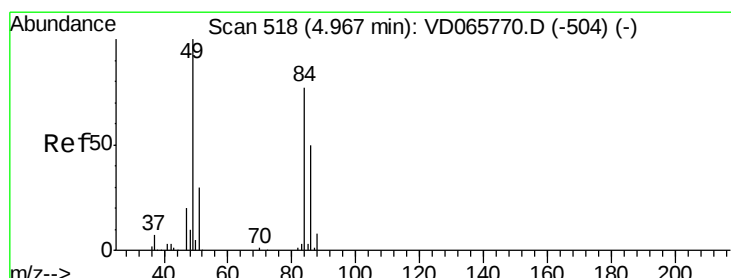
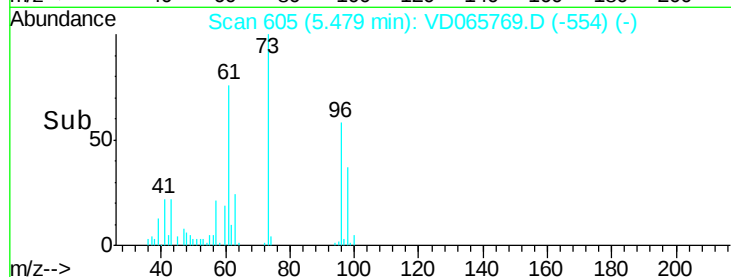
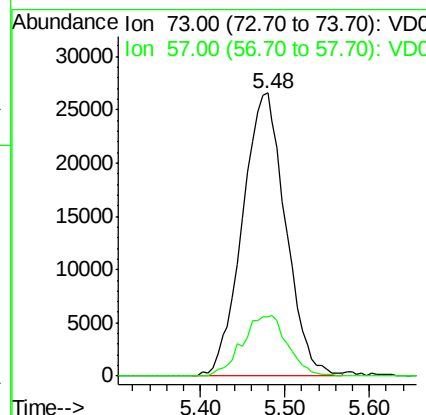
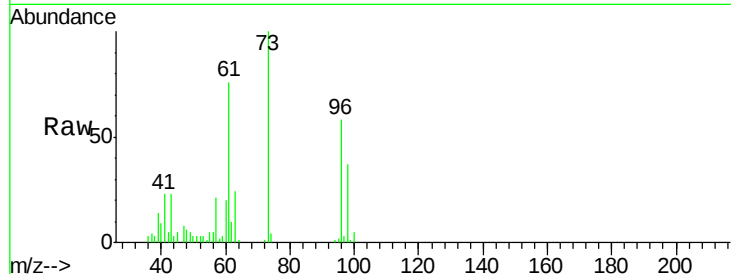
#19
Methyl tert-butyl Ether
Concen: 20.93 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 94539
Ion Ratio Lower Upper
73 100
57 21.0 16.2 24.2

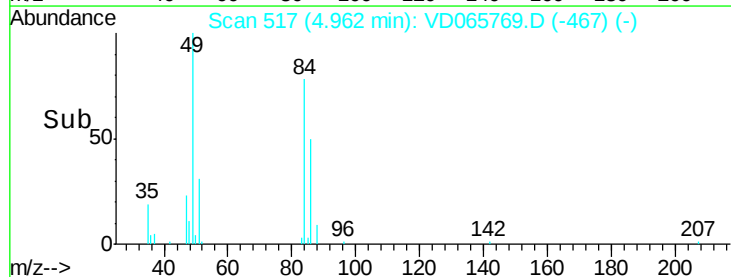
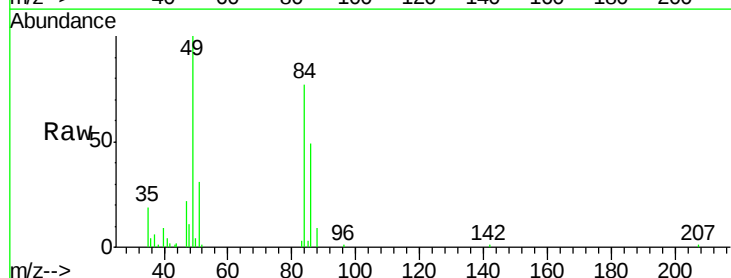
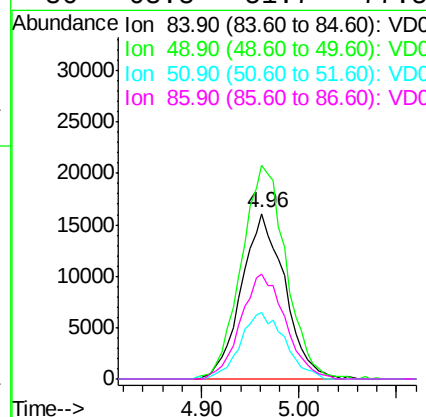
Manual Integrations
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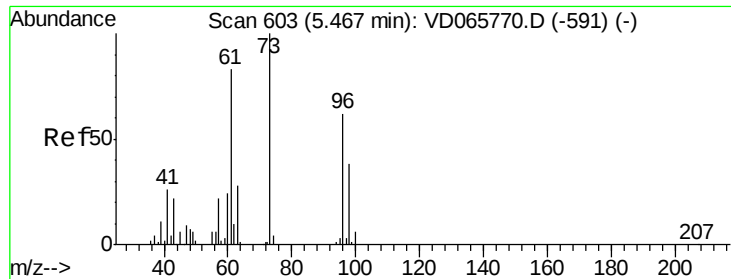
MMDadoda
6/5/2020 4:12:42 PM



#20
Methylene Chloride
Concen: 18.61 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion: 84 Resp: 50056
Ion Ratio Lower Upper
84 100
49 129.2 103.4 155.0
51 40.3 31.4 47.2
86 63.8 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 19.89 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Instrument :

MSVOA_D

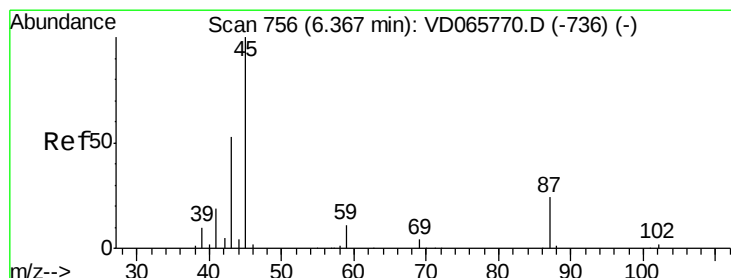
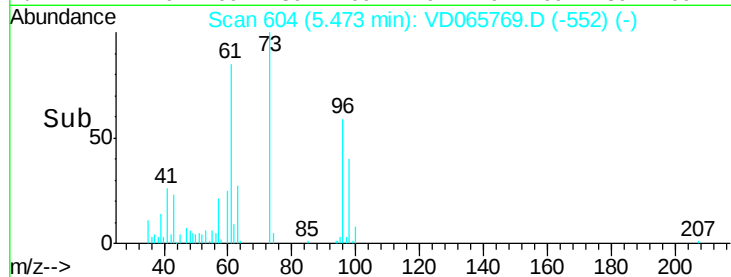
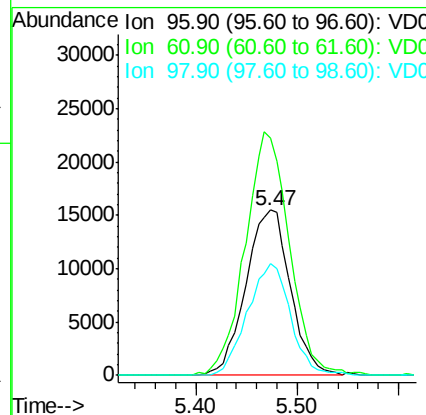
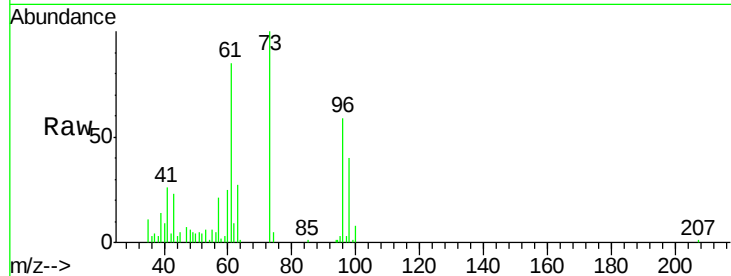
ClientSampleId :

VSTDIC020

Tgt Ion:	96	Resp:	47210
Ion	Ratio	Lower	Upper
96	100		
61	144.0	107.7	161.5
98	67.4	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.91 ug/l

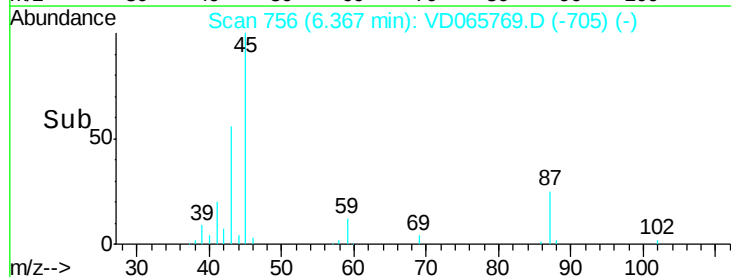
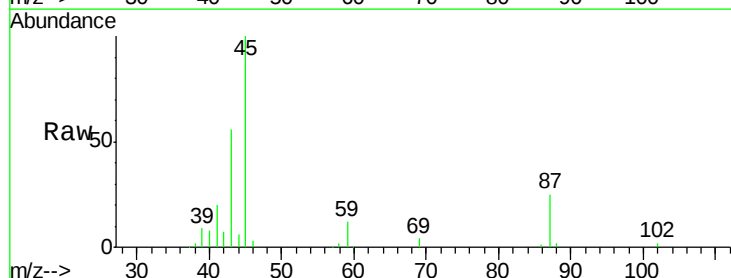
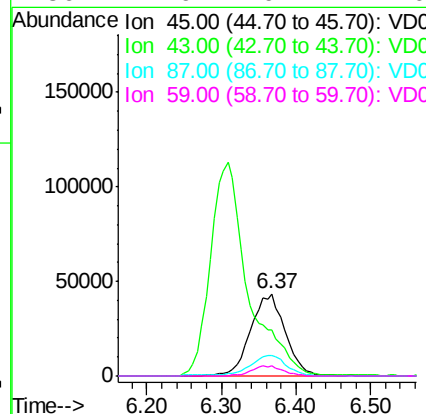
RT: 6.37 min Scan# 756

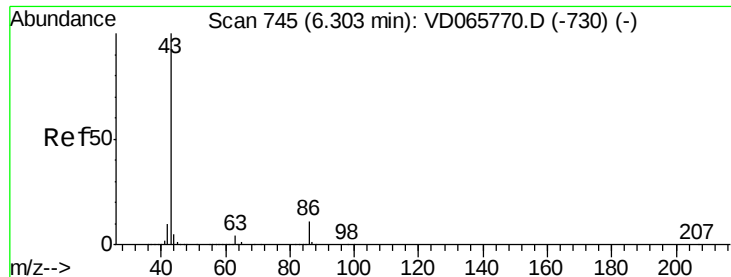
Delta R.T. 0.00 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Tgt Ion:	45	Resp:	139899
Ion	Ratio	Lower	Upper
45	100		
43	54.5	43.4	65.0
87	25.0	20.2	30.4
59	11.9	9.4	14.0





#23

Vinyl Acetate

Concen: 108.11 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 396218

Ion Ratio Lower Upper

43 100

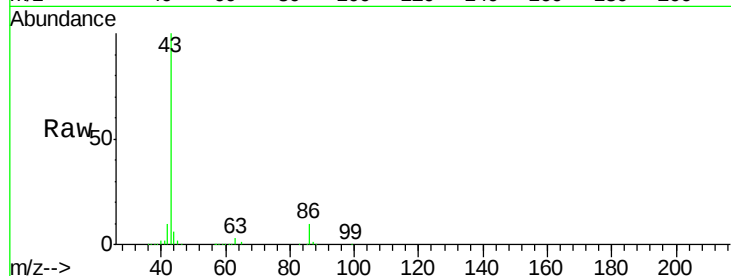
86 9.9 8.5 12.7

Manual Integrations

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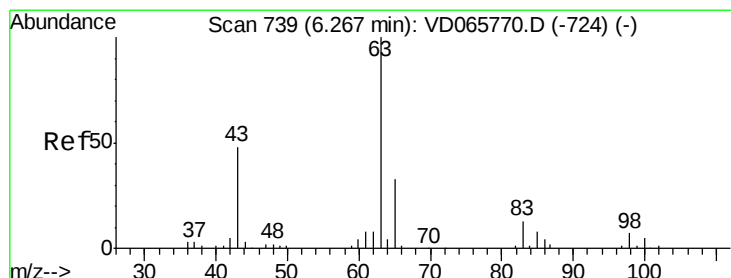
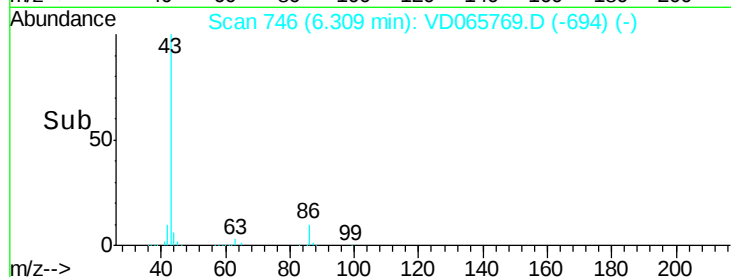
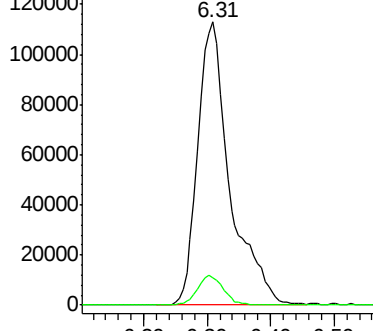
MMDadoda

6/5/2020 4:12:42 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.48 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

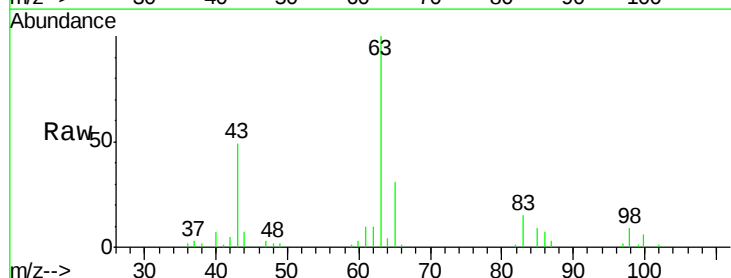
Tgt Ion: 63 Resp: 84854

Ion Ratio Lower Upper

63 100

98 8.6 3.5 10.5

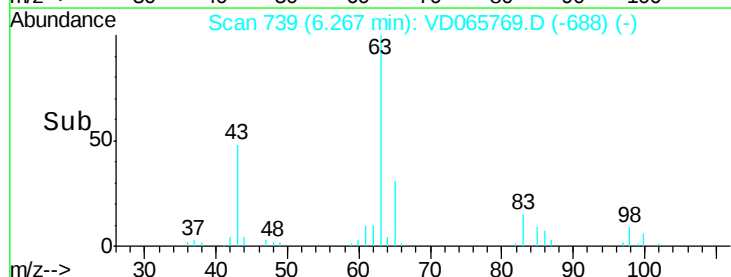
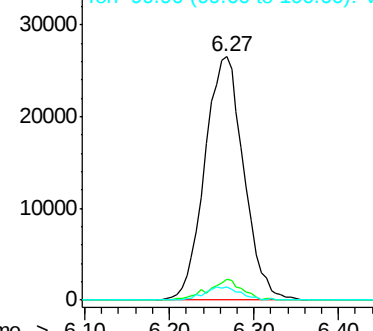
100 5.6 2.3 6.9

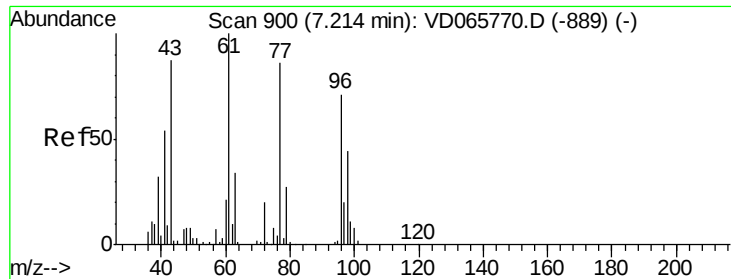


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





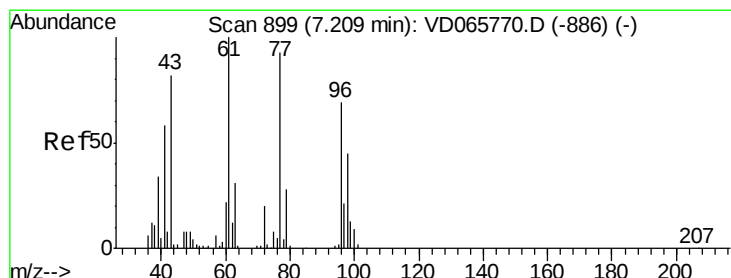
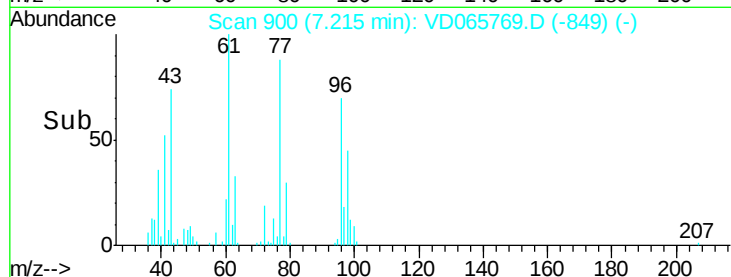
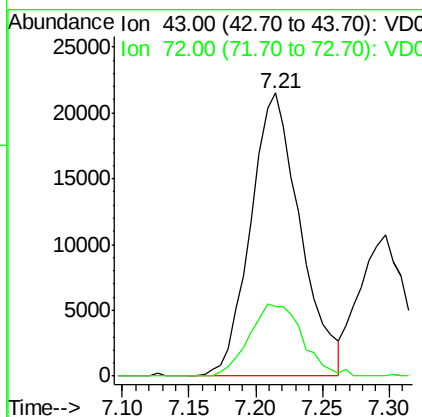
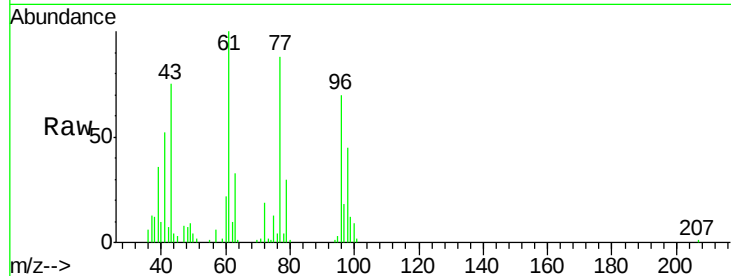
#25
2-Butanone
Concen: 98.37 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 55626
Ion Ratio Lower Upper
43 100
72 24.8 18.5 27.7

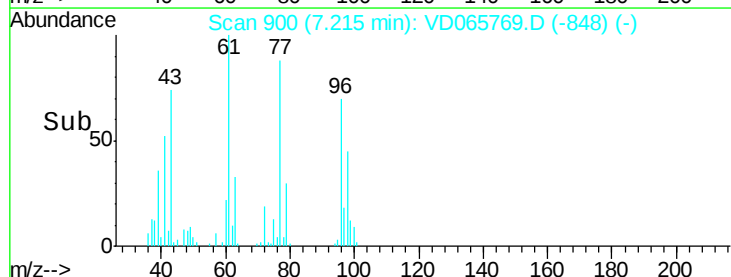
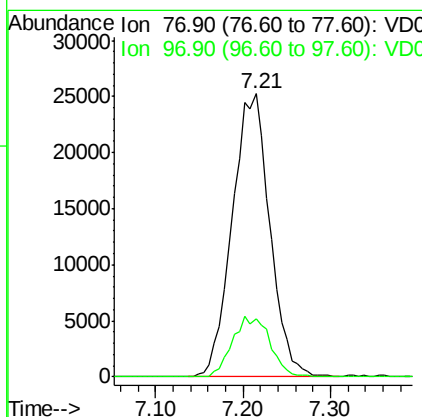
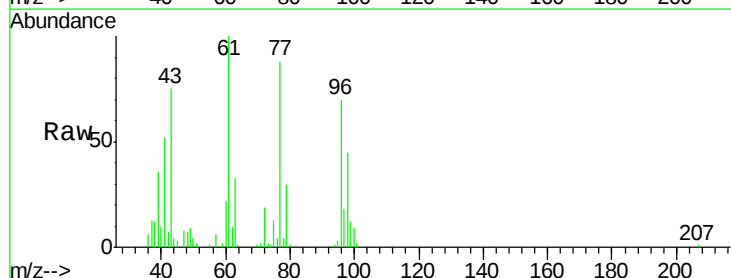
Manual Integrations
APPROVED

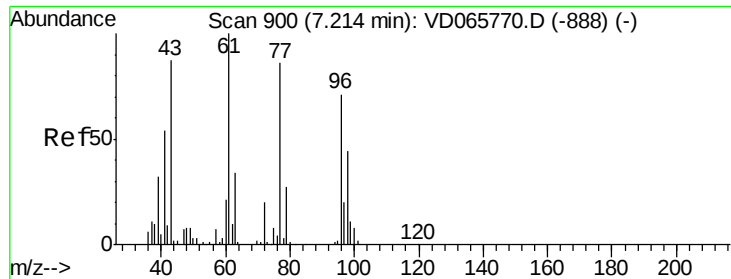
MMDadoda
6/5/2020 4:12:42 PM



#26
2,2-Dichloropropane
Concen: 20.02 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion: 77 Resp: 73726
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.7





#27

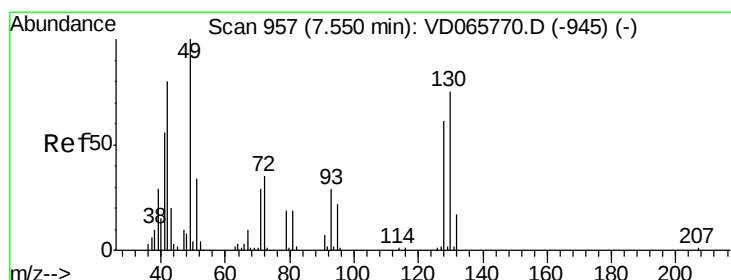
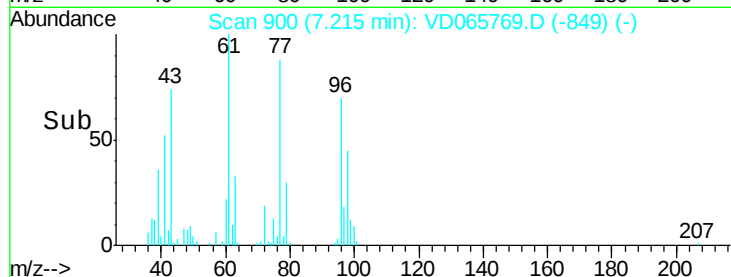
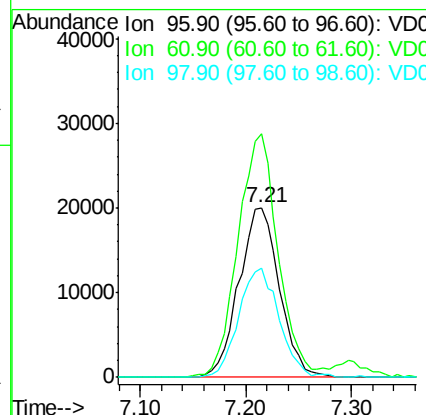
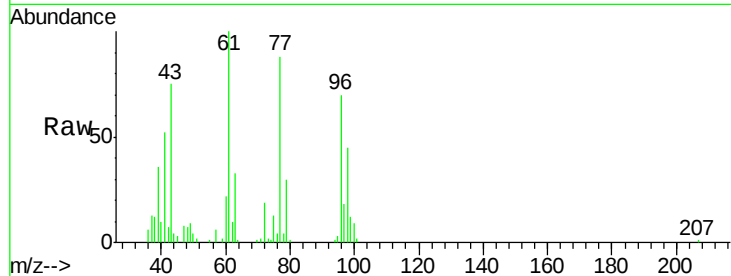
cis-1,2-Dichloroethene
Concen: 21.02 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	291.2
98	64.4	0.0	128.8

Manual Integrations
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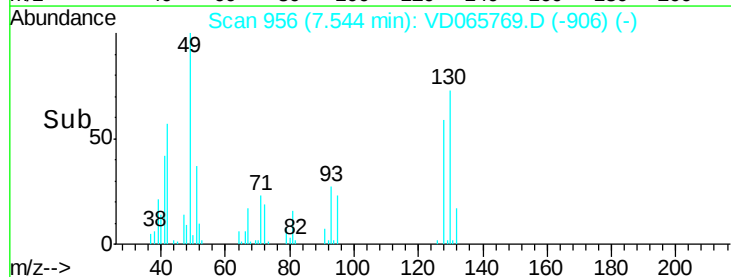
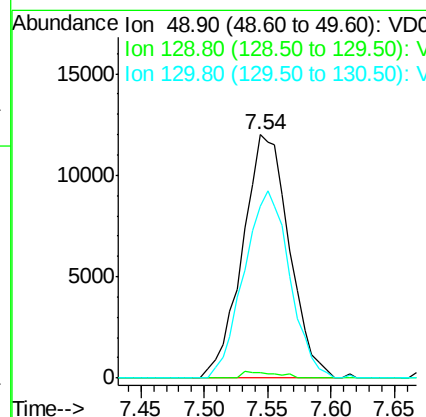
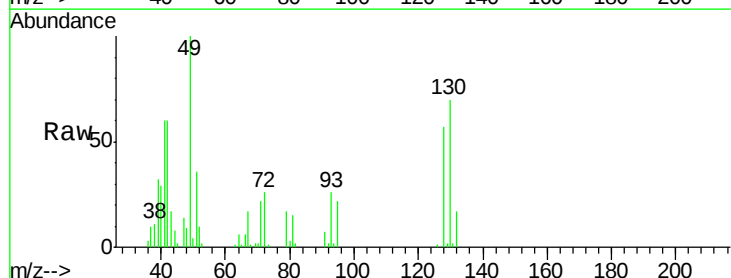
MMDadoda
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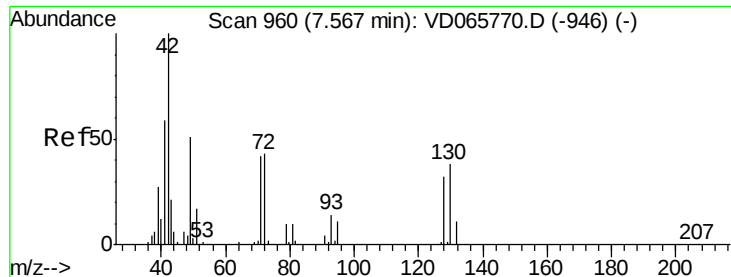


#28

Bromochloromethane
Concen: 19.66 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	75.2	59.5	89.3





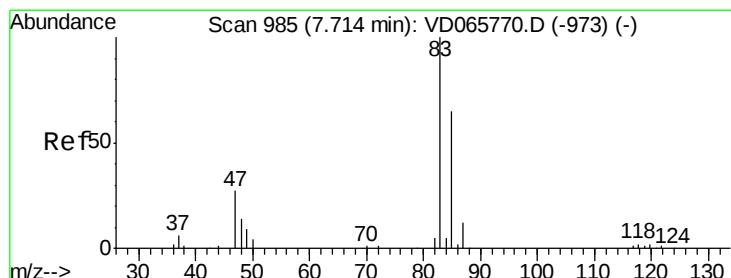
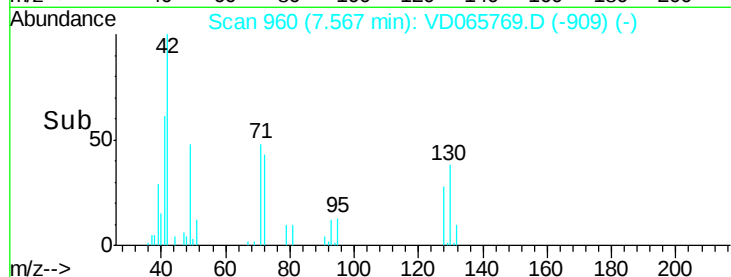
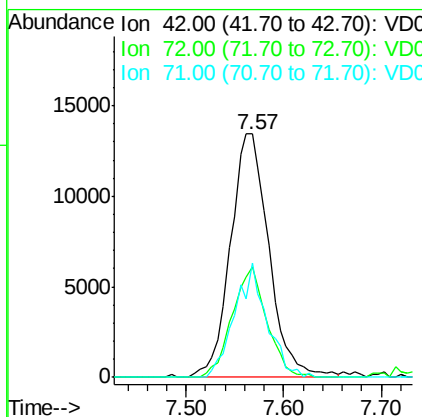
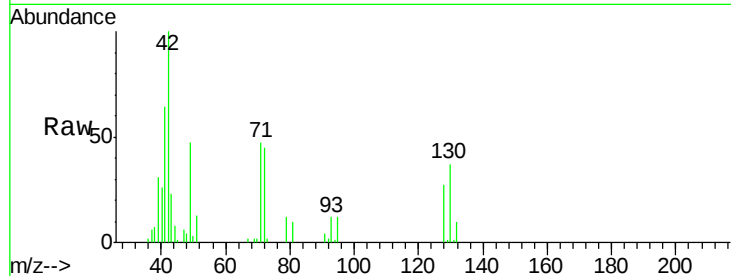
#29
Tetrahydrofuran
Concen: 103.27 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.0	34.9	52.3
71	39.2	31.2	46.8

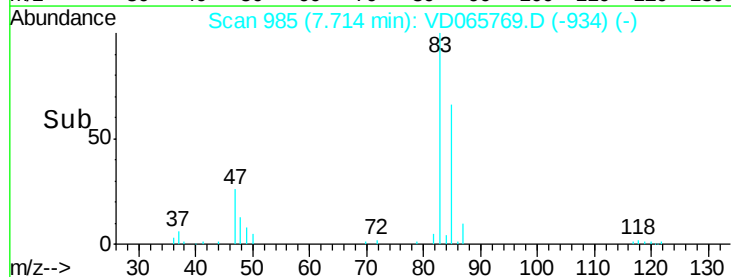
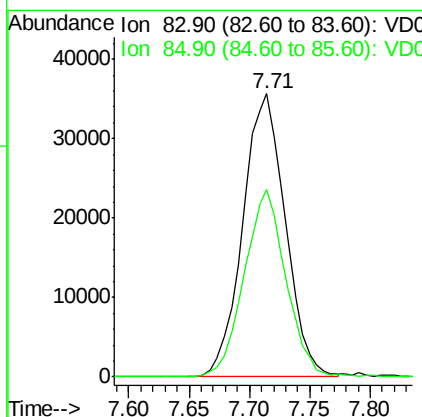
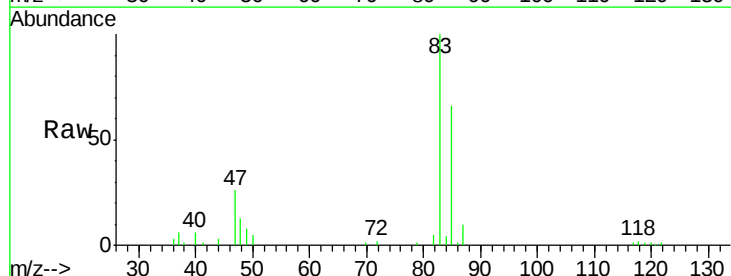
Manual Integrations
APPROVED

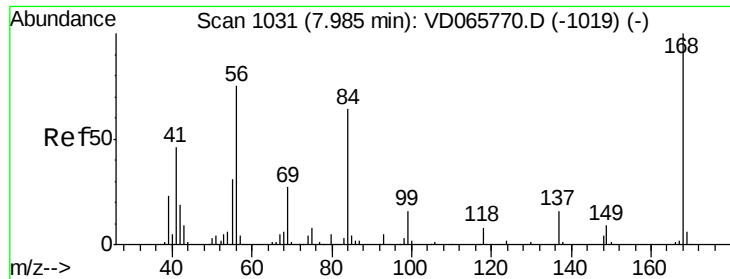
MMDadoda
6/5/2020 4:12:42 PM



#30
Chloroform
Concen: 20.37 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.9	77.9





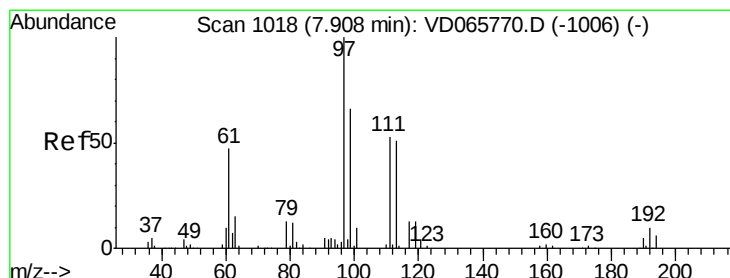
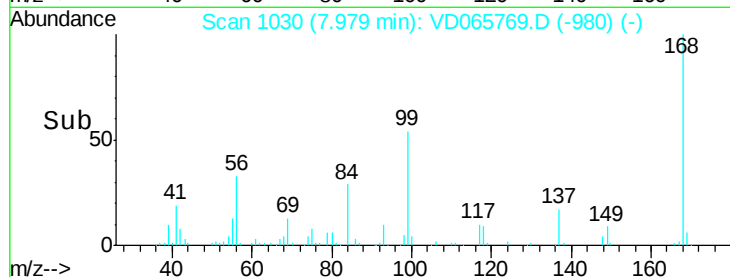
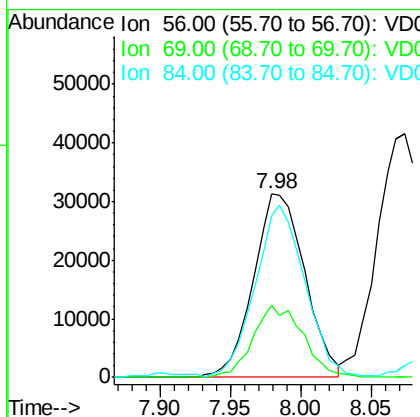
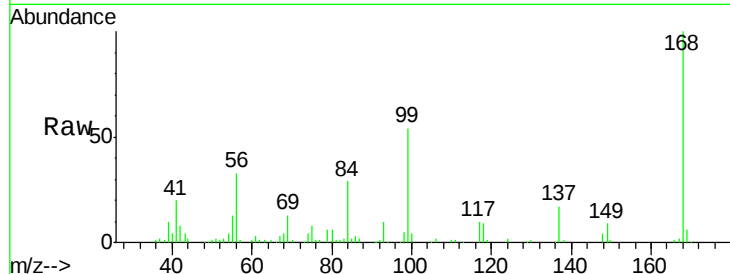
#31
Cyclohexane
Concen: 19.57 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
56	100		
69	39.1	28.5	42.7
84	87.1	68.4	102.6

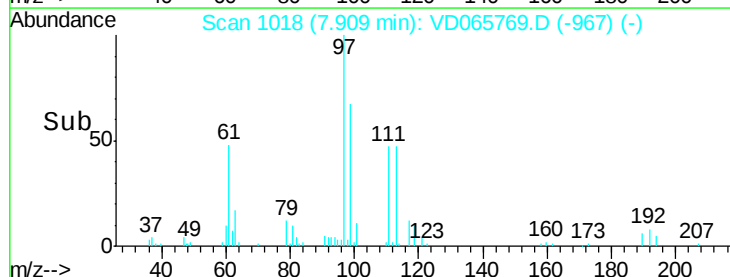
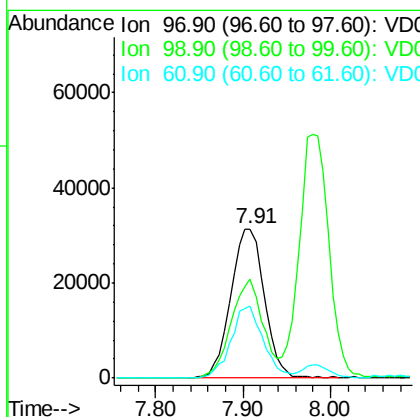
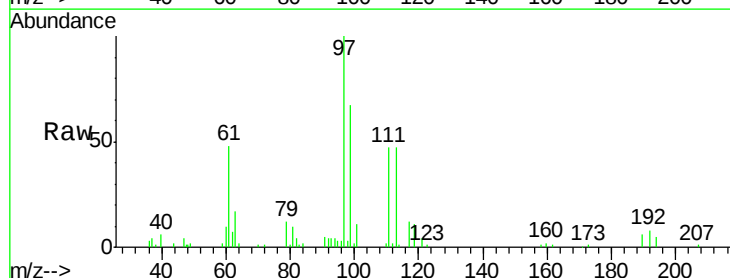
Manual Integrations
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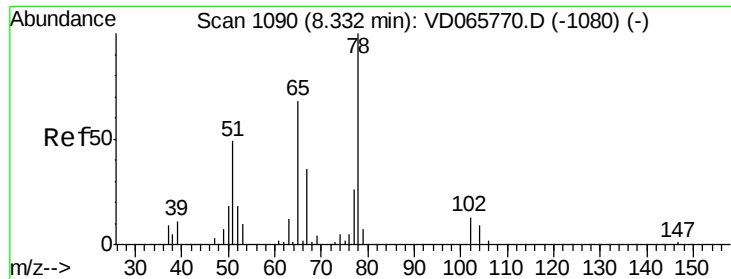
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.70 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.4	49.2	73.8
61	45.9	36.0	54.0





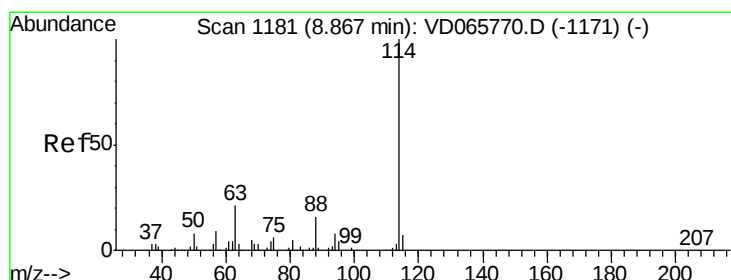
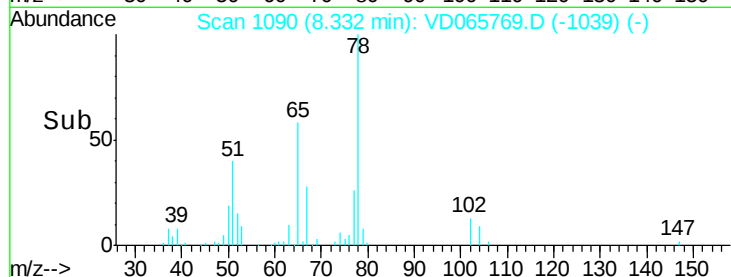
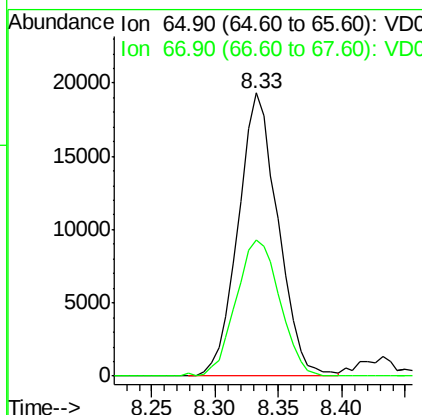
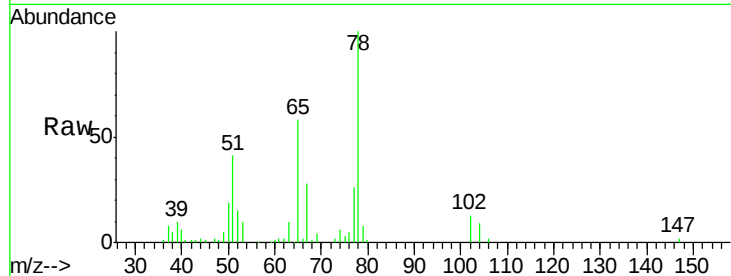
#33
 1,2-Dichloroethane-d4
 Concen: 19.48 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	42246		
67	52.8	0.0	103.6	

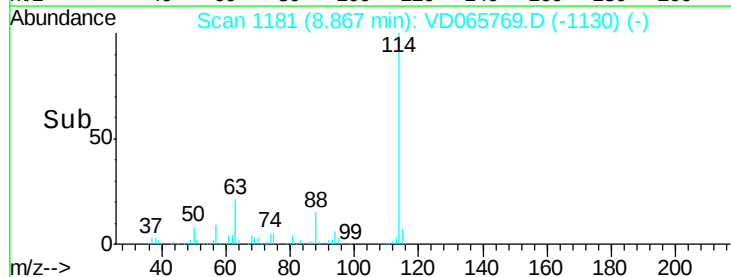
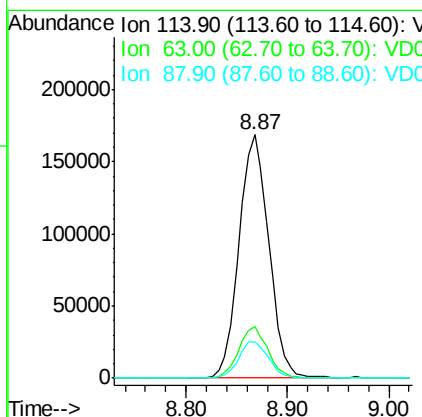
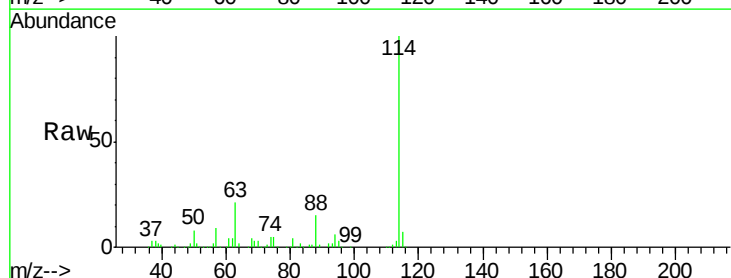
Manual Integrations
 APPROVED

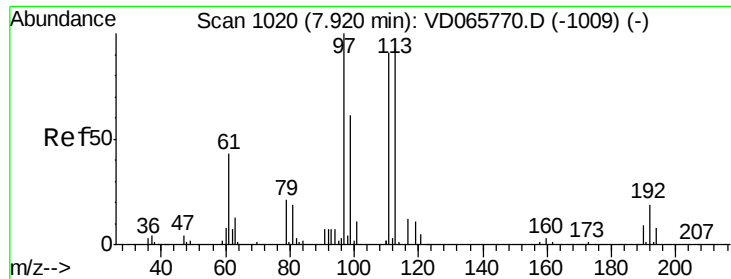
MMDadoda
 6/5/2020 4:12:42 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	343709		
63	21.2	0.0	41.8	
88	14.7	0.0	32.0	





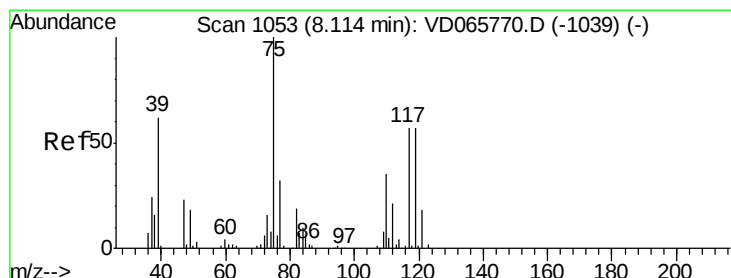
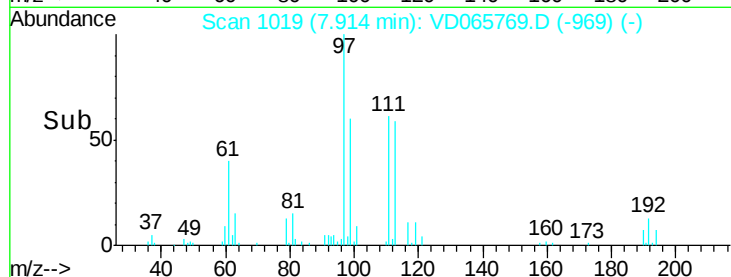
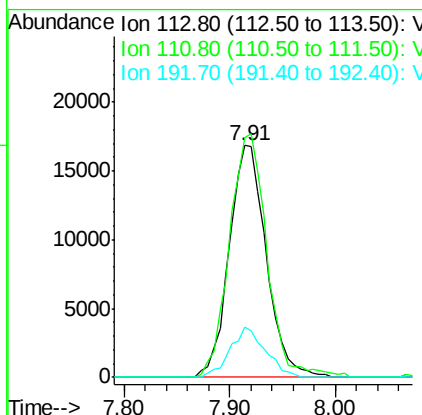
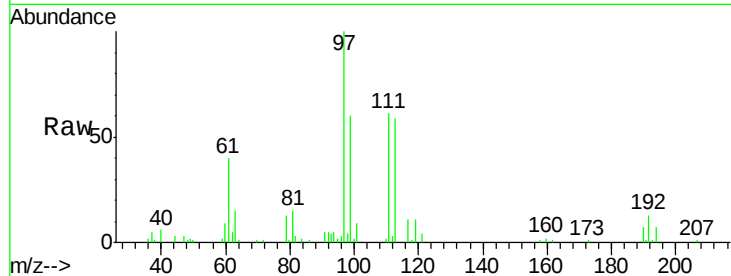
#35
 Dibromofluoromethane
 Concen: 18.76 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	40865		
111	106.1	83.4	125.0	
192	20.3	15.7	23.5	

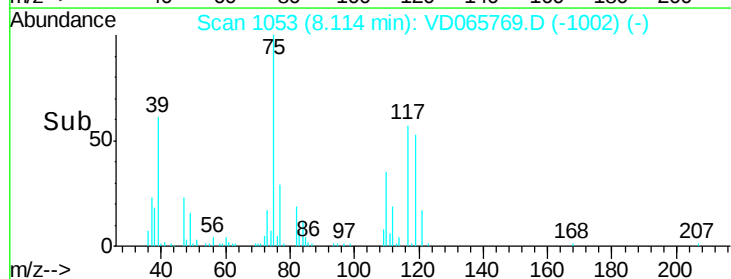
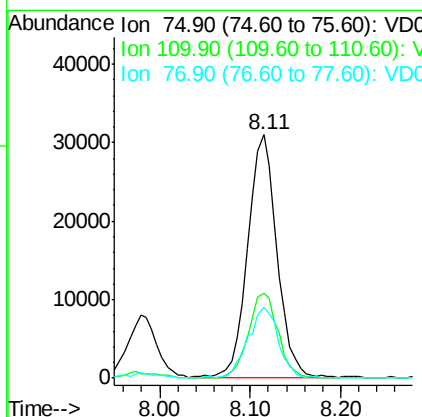
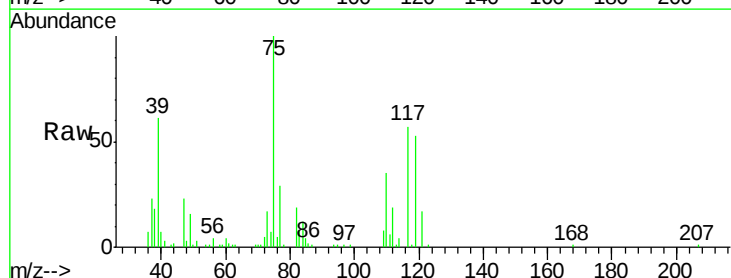
Manual Integrations
 APPROVED

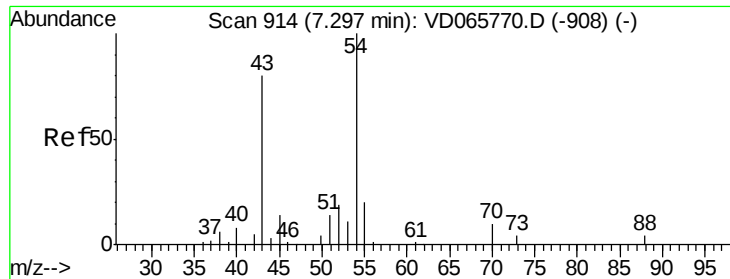
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 20.58 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69549		
110	35.2	17.6	52.8	
77	30.0	25.1	37.7	





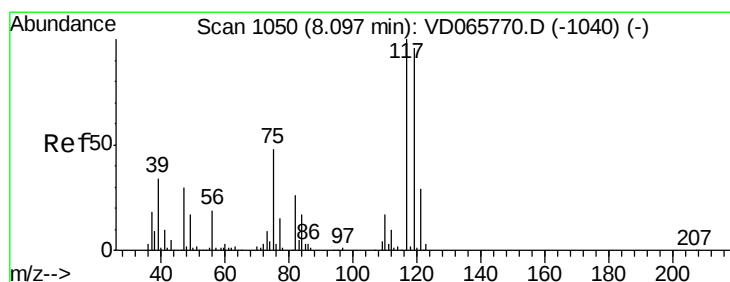
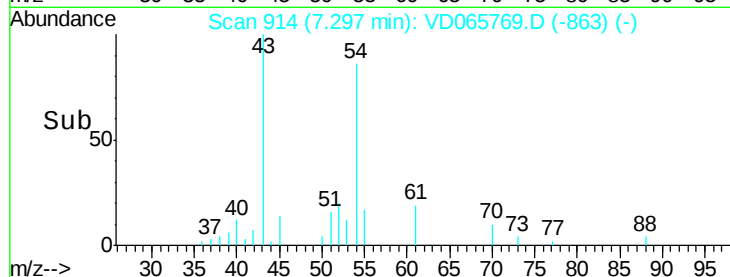
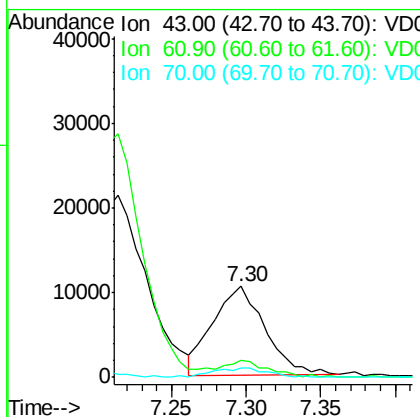
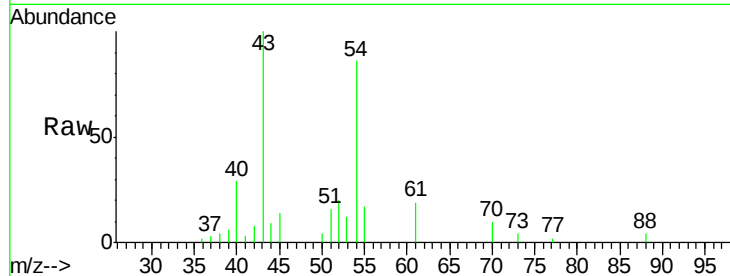
#37
Ethyl Acetate
Concen: 19.26 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 25304
Ion Ratio Lower Upper
43 100
61 17.7 10.6 15.8#
70 11.3 7.5 11.3#

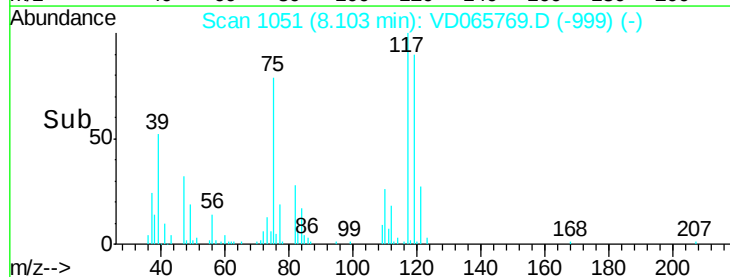
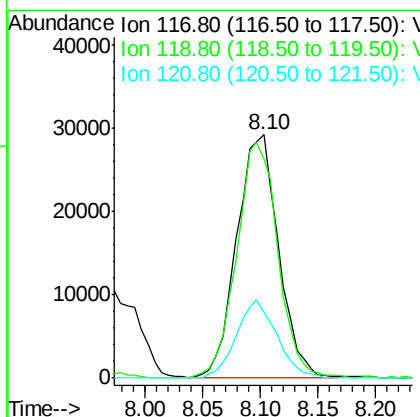
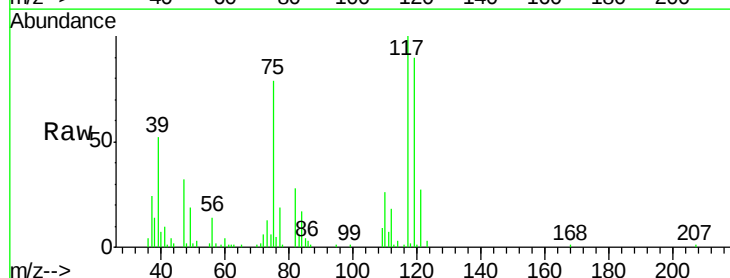
Manual Integrations
APPROVED

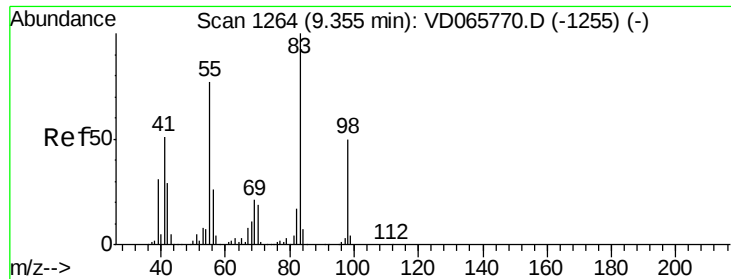
MMDadoda
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#38
Carbon Tetrachloride
Concen: 20.88 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion: 117 Resp: 74023
Ion Ratio Lower Upper
117 100
119 90.0 76.8 115.2
121 27.2 23.4 35.2





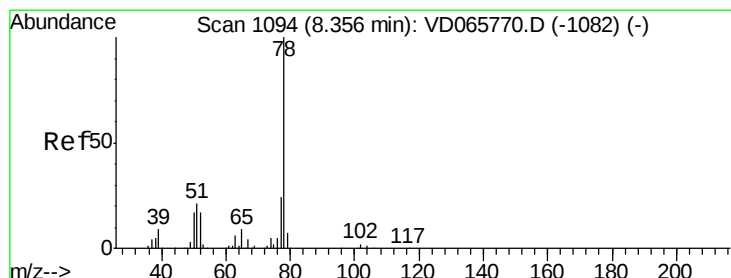
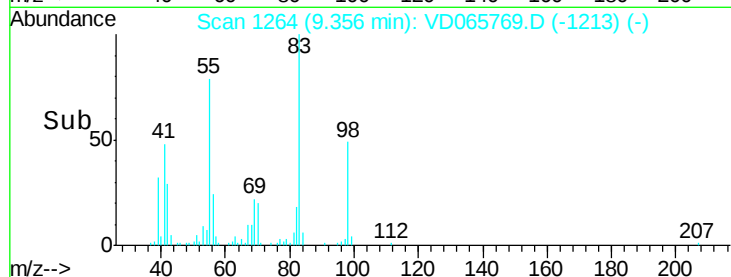
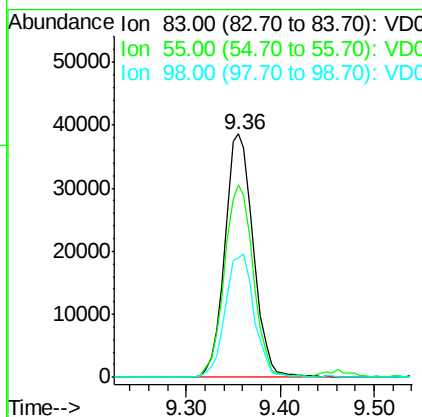
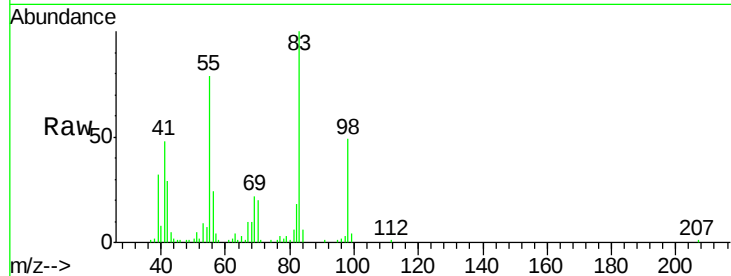
#39
Methylcyclohexane
Concen: 20.63 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.9	61.6	92.4
98	49.2	40.2	60.2

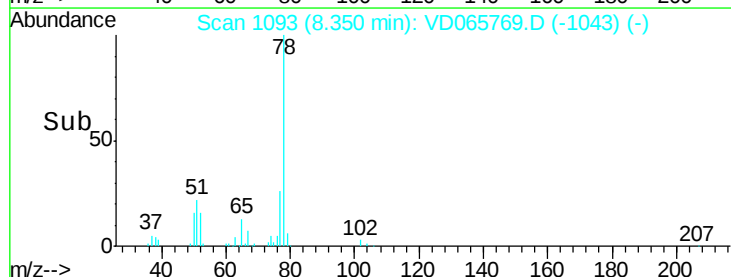
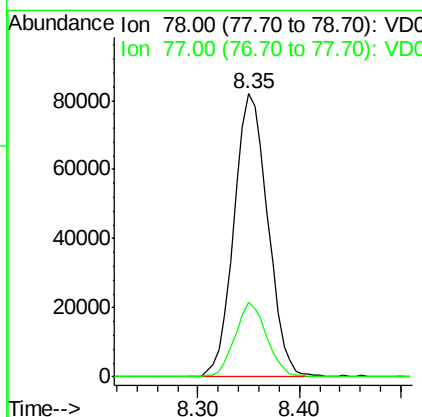
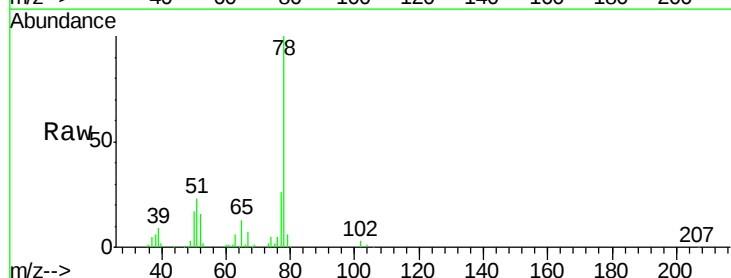
Manual Integrations
APPROVED

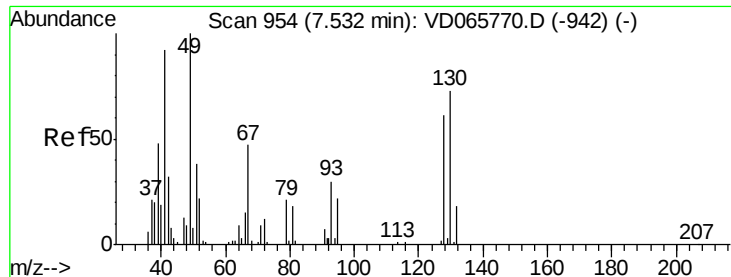
MMDadoda
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#40
Benzene
Concen: 20.83 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.2	19.2	28.8





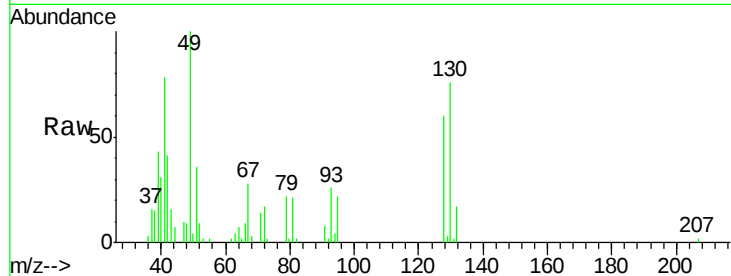
#41
Methacrylonitrile
Concen: 22.25 ug/l m
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

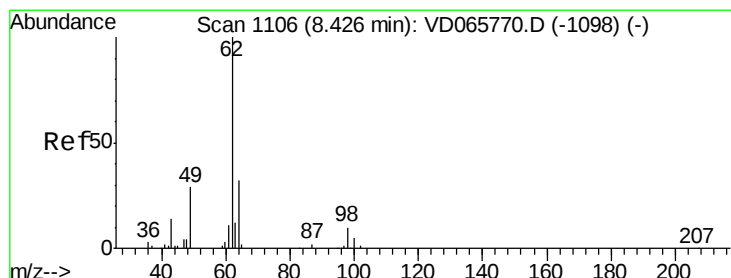
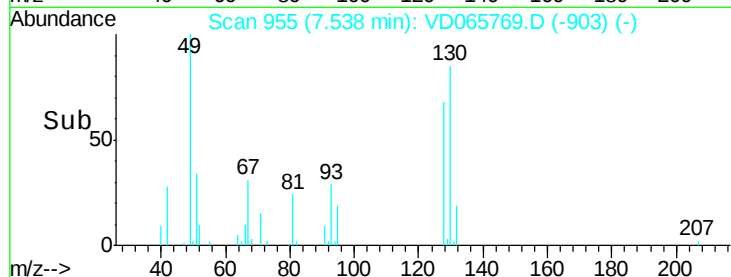
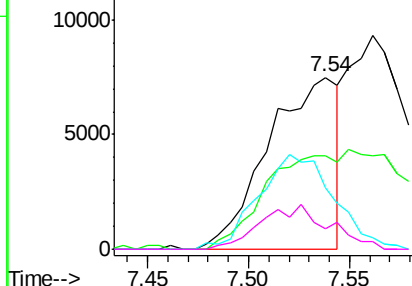
Tgt Ion	Ratio	Lower	Upper
41	100		
39	116.4	38.3	57.5#
67	0.0	49.8	74.6#
52	0.0	21.7	32.5#

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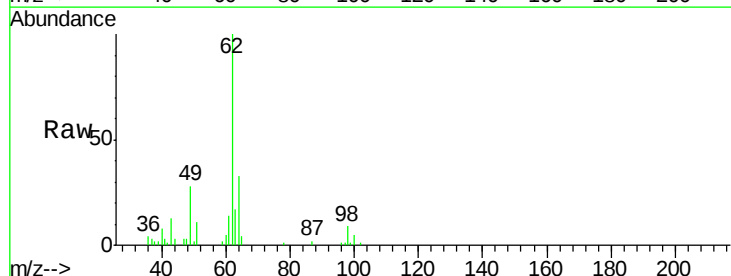


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

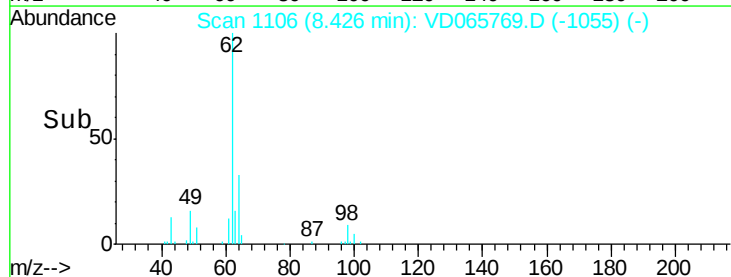
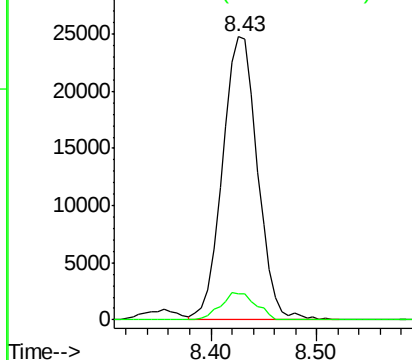


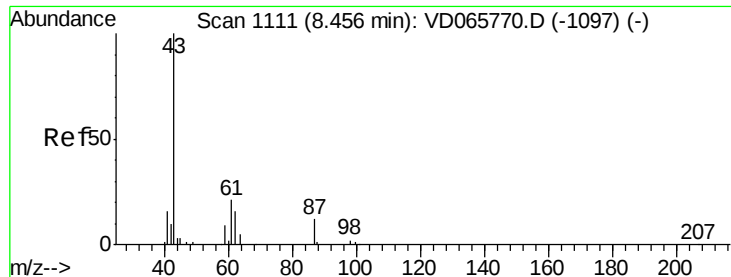
#42
1,2-Dichloroethane
Concen: 20.30 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	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: 20.59 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Instrument :

MSVOA_D

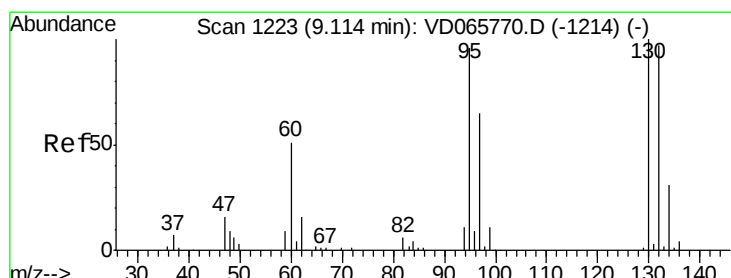
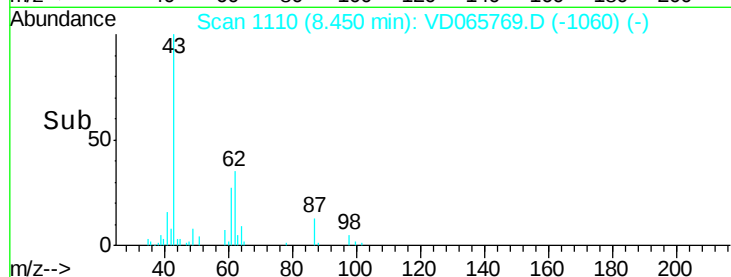
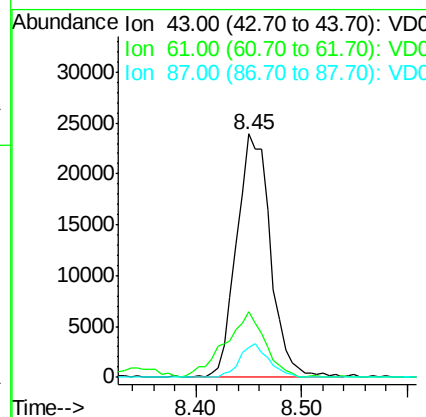
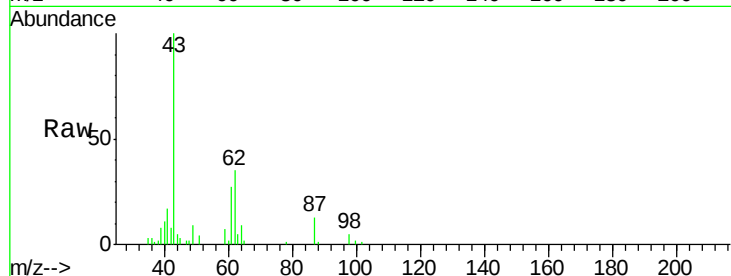
ClientSampleId :

VSTDIC020

Tgt Ion:	43	Resp:	53084
Ion	Ratio	Lower	Upper
43	100		
61	31.6	24.2	36.4
87	11.8	9.5	14.3

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#44

Trichloroethene

Concen: 20.44 ug/l

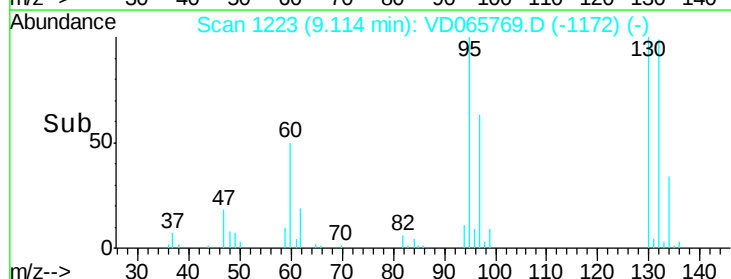
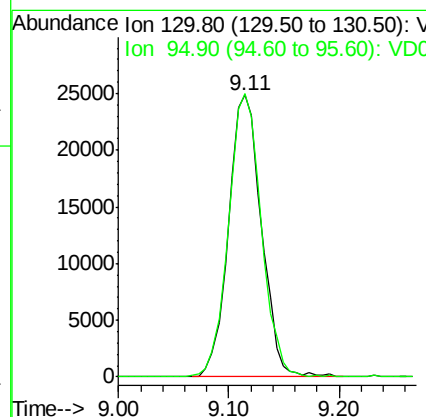
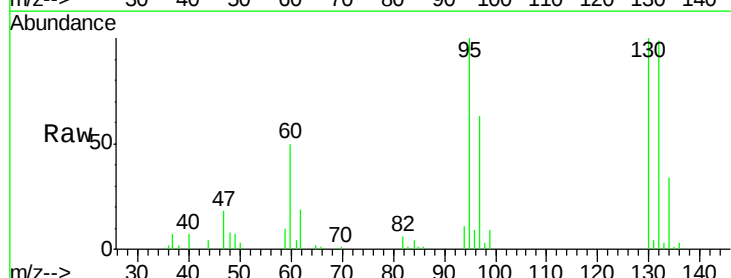
RT: 9.11 min Scan# 1223

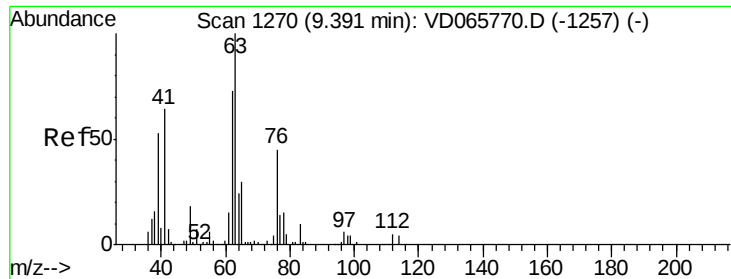
Delta R.T. 0.00 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Tgt Ion:	130	Resp:	51845
Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	192.8





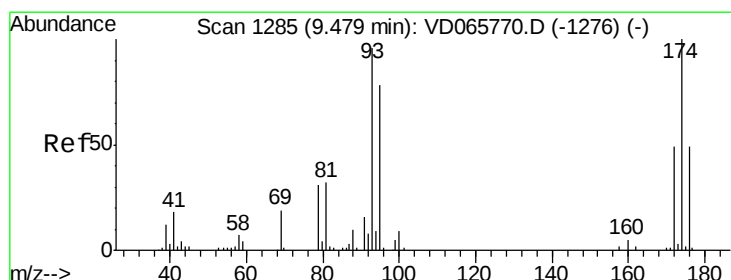
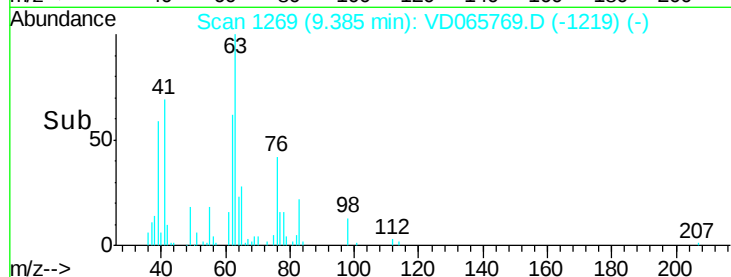
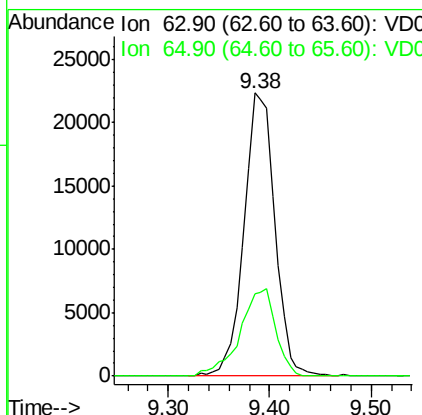
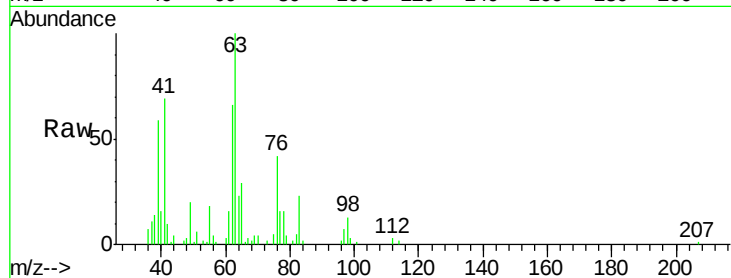
#45
 1,2-Dichloropropane
 Concen: 20.48 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion: 63 Resp: 47282
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.2 36.2

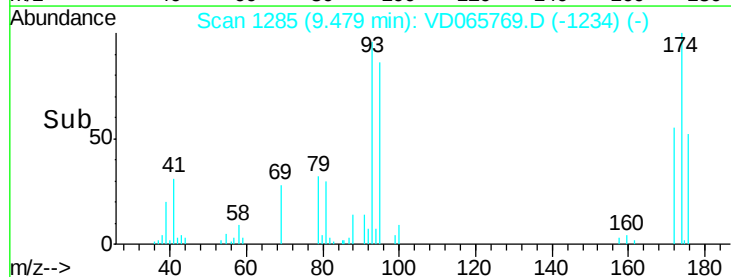
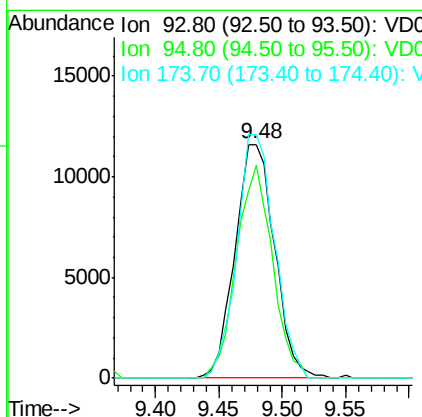
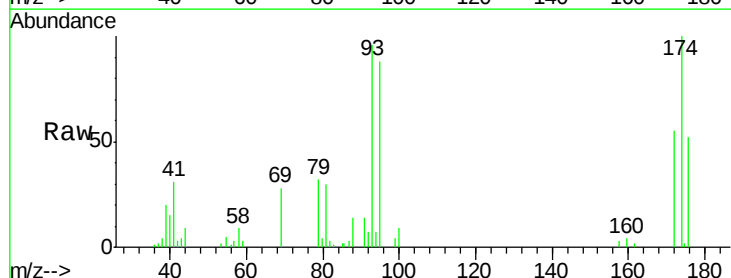
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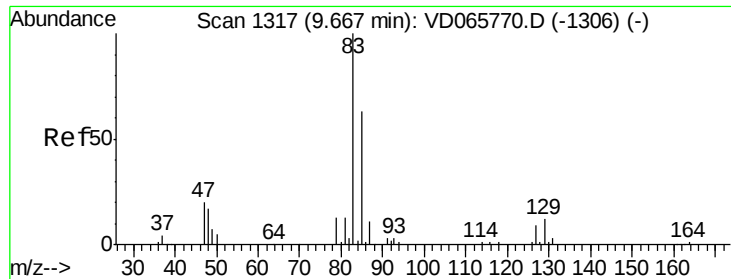
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#46
 Dibromomethane
 Concen: 20.25 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Tgt Ion: 93 Resp: 25210
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.8 98.6
 174 98.8 80.9 121.3





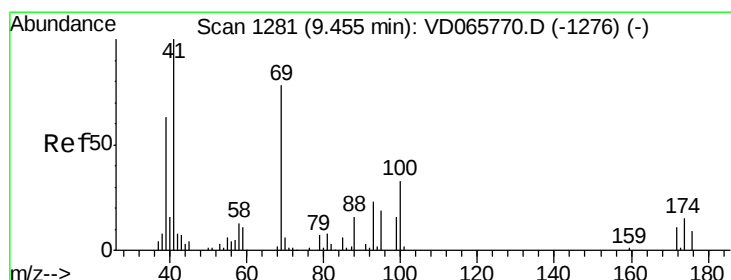
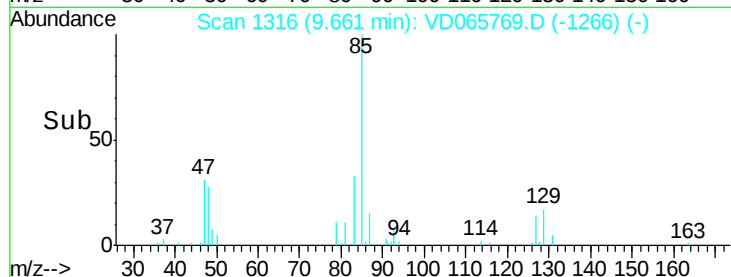
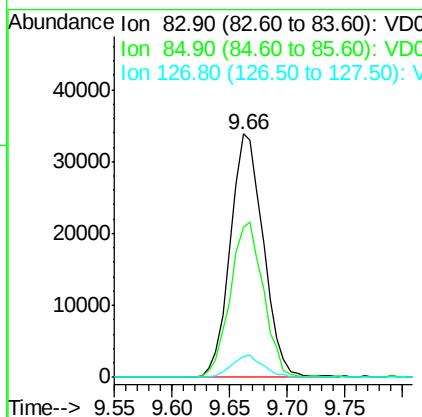
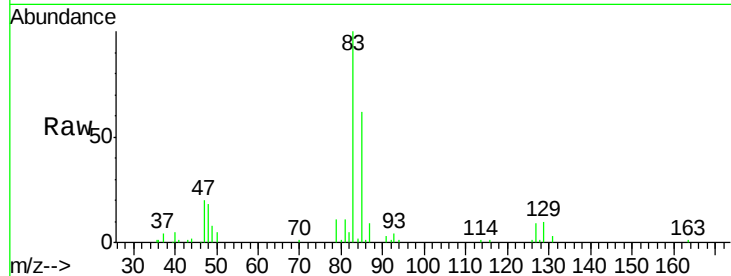
#47
Bromodichloromethane
Concen: 20.12 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.7	76.1
127	8.7	7.1	10.7

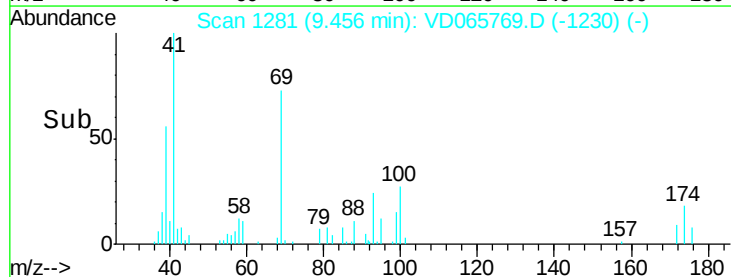
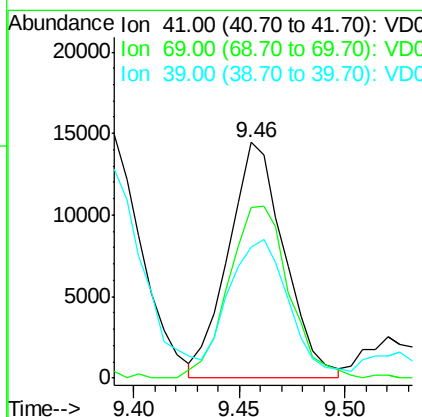
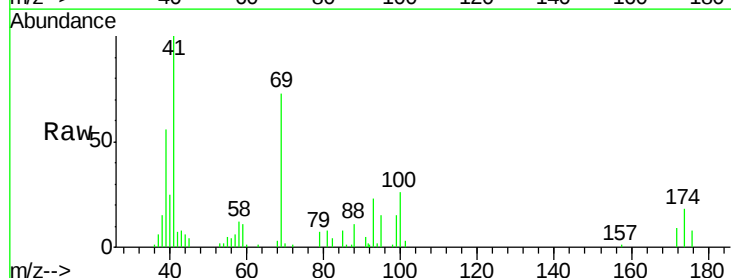
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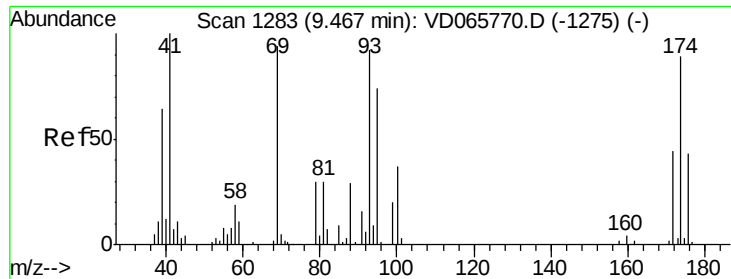
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#48
Methyl methacrylate
Concen: 21.09 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.5	60.9	91.3
39	62.2	48.1	72.1





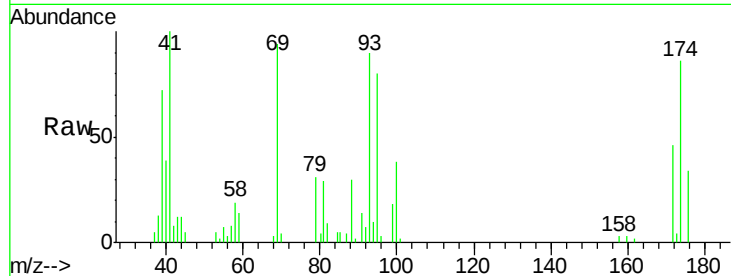
#49
 1,4-Dioxane
 Concen: 418.62 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

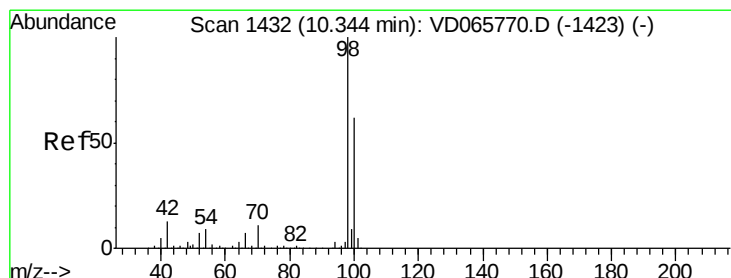
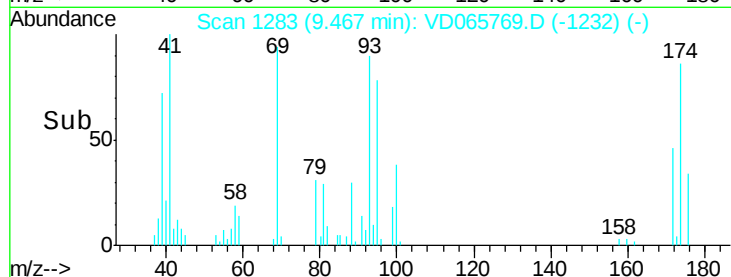
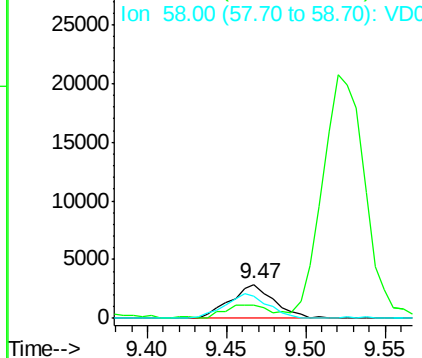
Tgt Ion: 88 Resp: 5477
 Ion Ratio Lower Upper
 88 100
 43 38.3 32.2 48.4
 58 71.4 54.9 82.3

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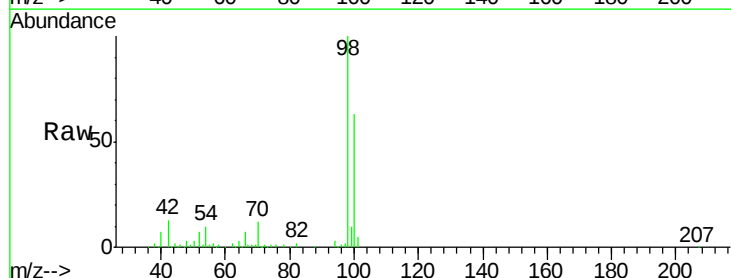


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

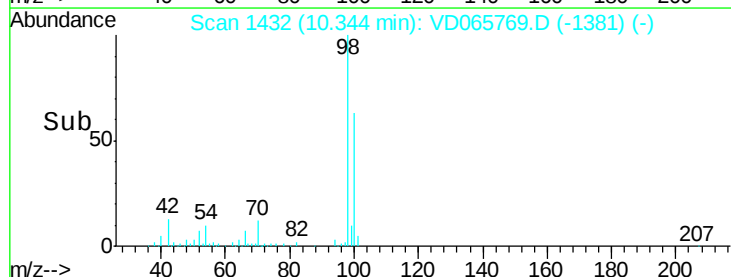
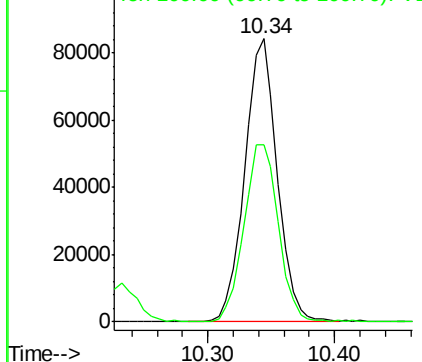


#50
 Toluene-d8
 Concen: 18.93 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Tgt Ion: 98 Resp: 150079
 Ion Ratio Lower Upper
 98 100
 100 66.7 51.4 77.2



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





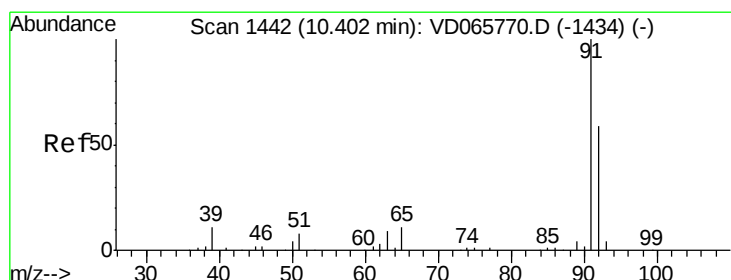
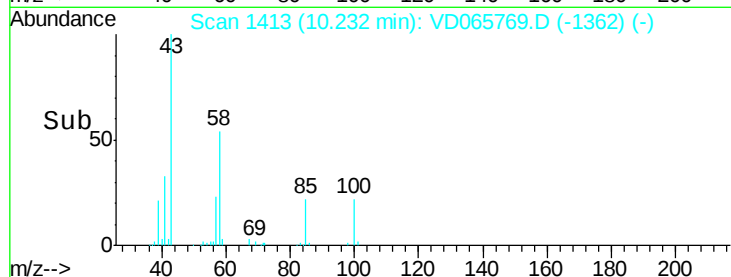
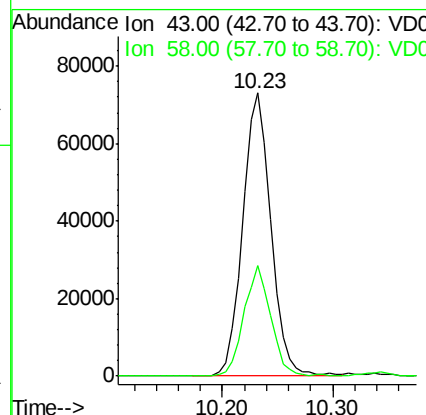
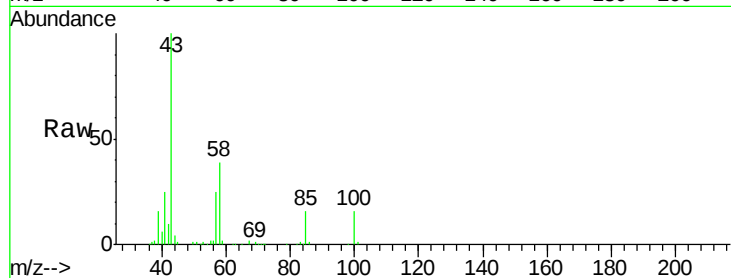
#51
4-Methyl-2-Pentanone
Concen: 104.64 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 131538
Ion Ratio Lower Upper
43 100
58 36.8 30.7 46.1

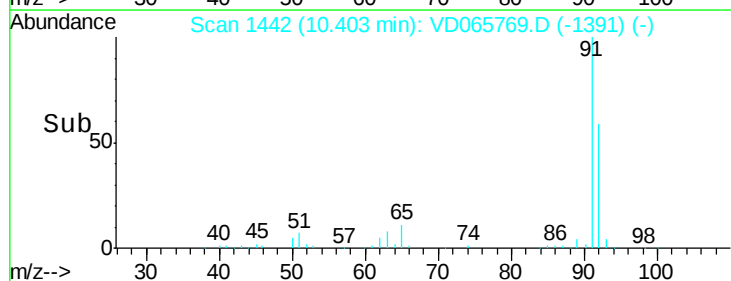
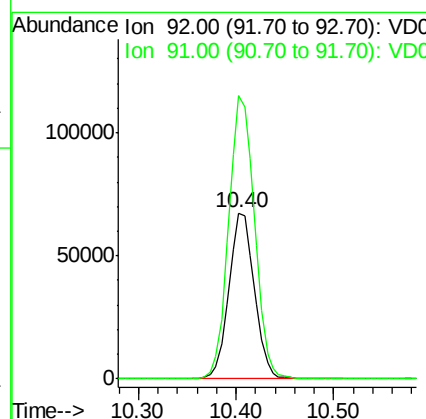
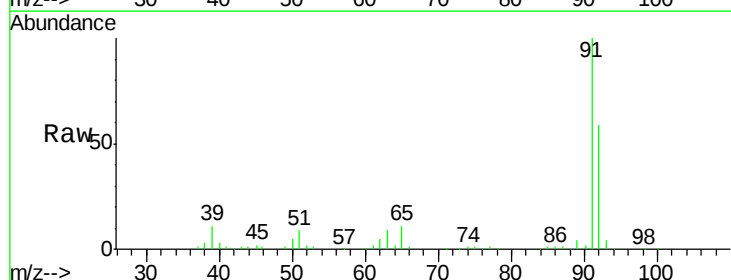
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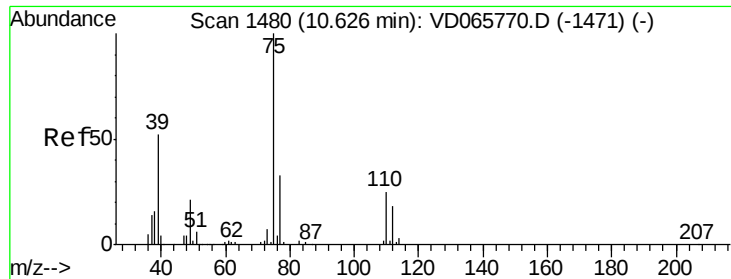
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#52
Toluene
Concen: 20.96 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion: 92 Resp: 122635
Ion Ratio Lower Upper
92 100
91 172.8 137.8 206.8





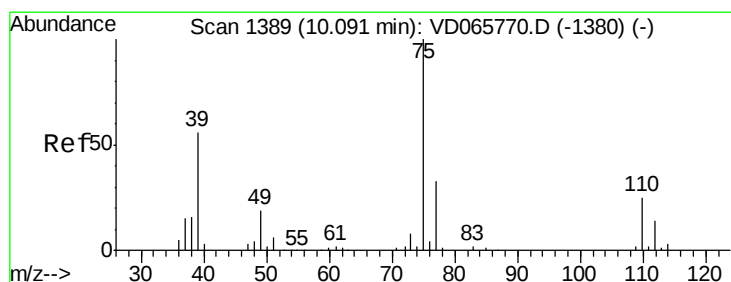
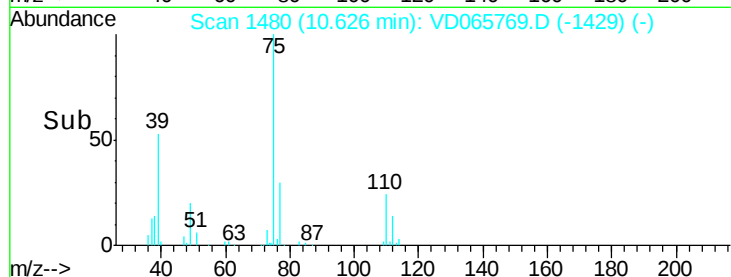
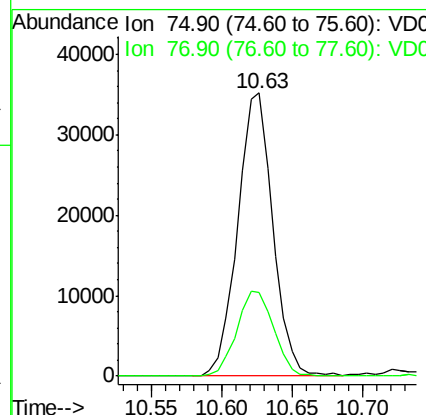
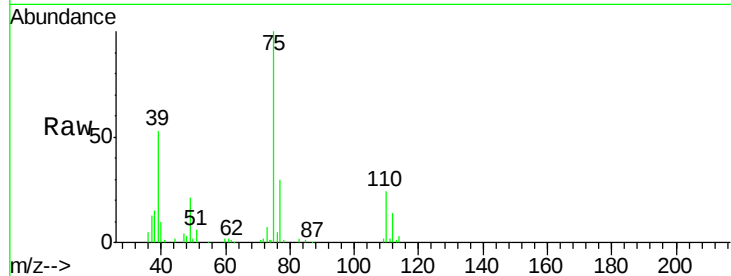
#53
 t-1,3-Dichloropropene
 Concen: 20.70 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 61149
 Ion Ratio Lower Upper
 75 100
 77 29.5 26.4 39.6

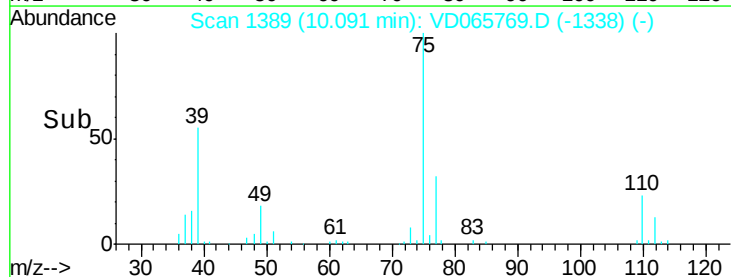
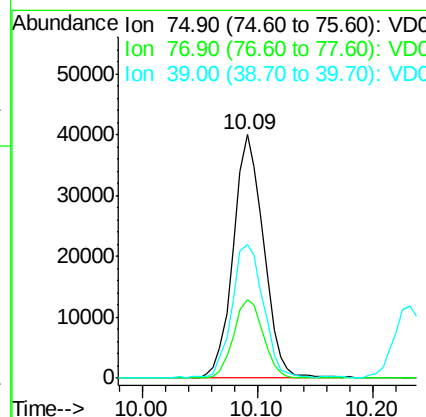
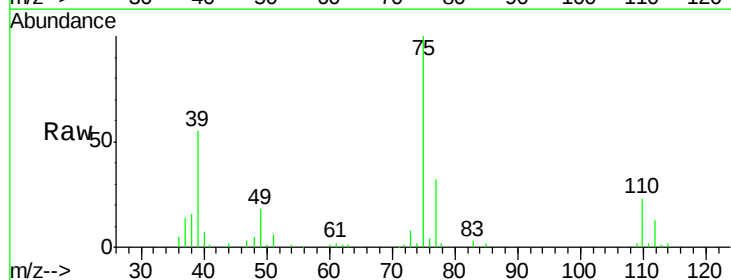
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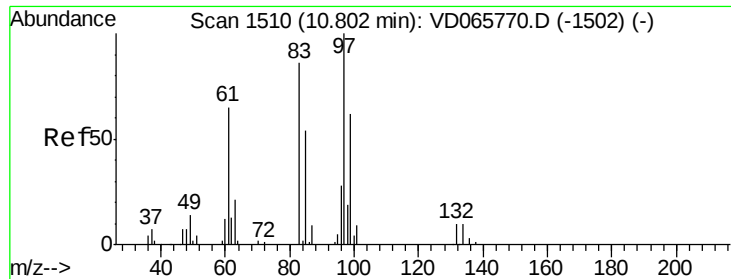
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#54
 cis-1,3-Dichloropropene
 Concen: 20.84 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Tgt Ion: 75 Resp: 72946
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.0 39.0
 39 54.5 45.0 67.6





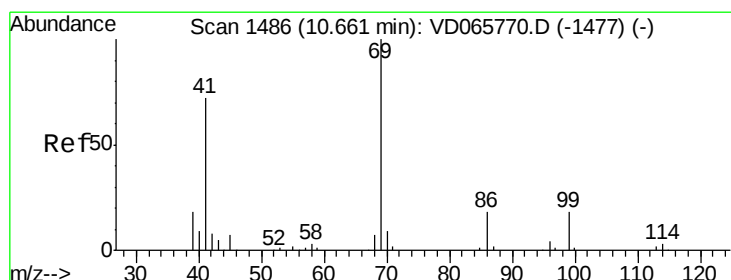
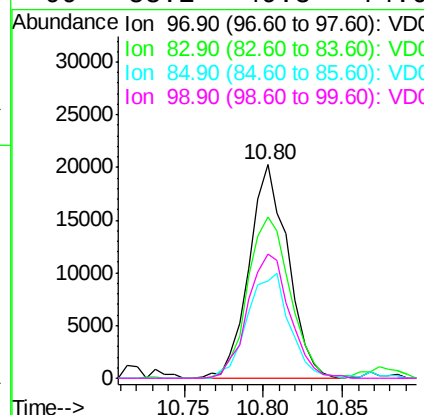
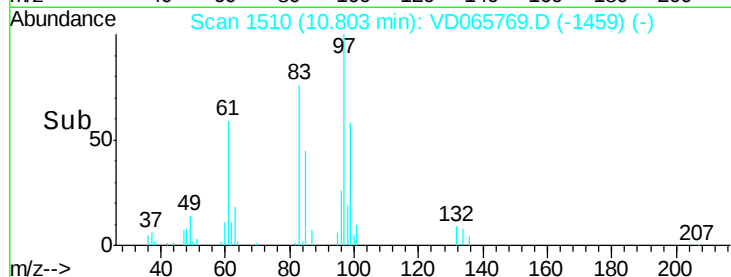
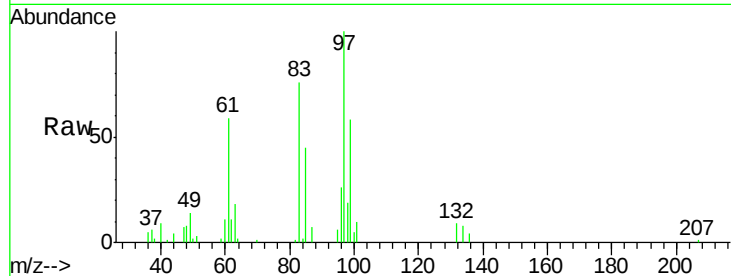
#55
 1,1,2-Trichloroethane
 Concen: 20.95 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
97	100		
83	75.8	68.7	103.1
85	45.3	43.0	64.6
99	58.1	49.8	74.6

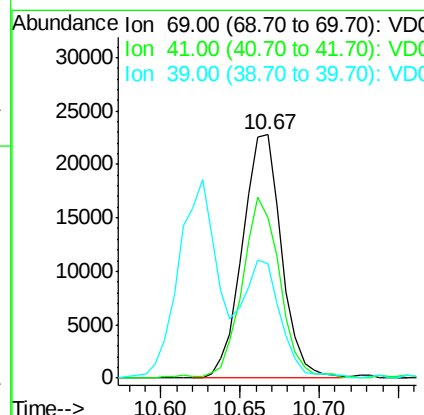
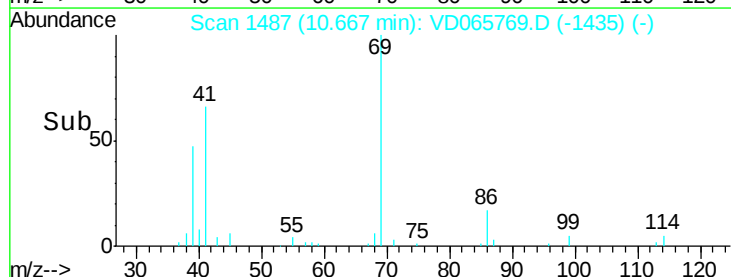
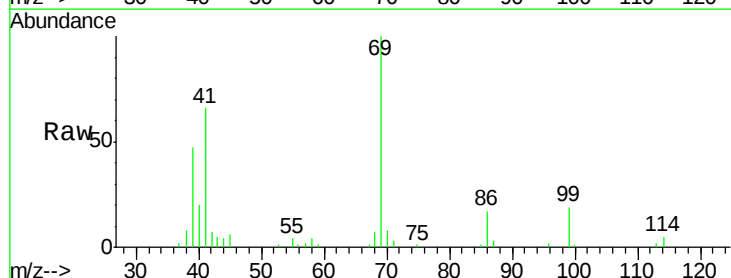
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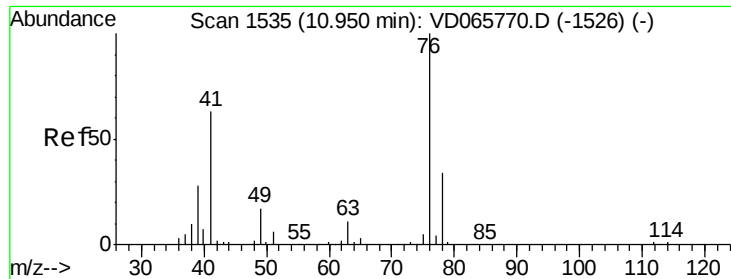
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#56
 Ethyl methacrylate
 Concen: 20.86 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.4	56.9	85.3
39	46.6	36.0	54.0





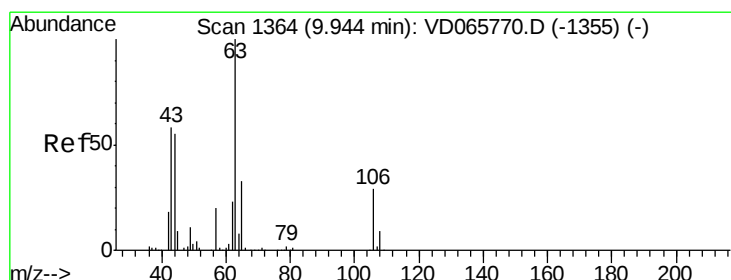
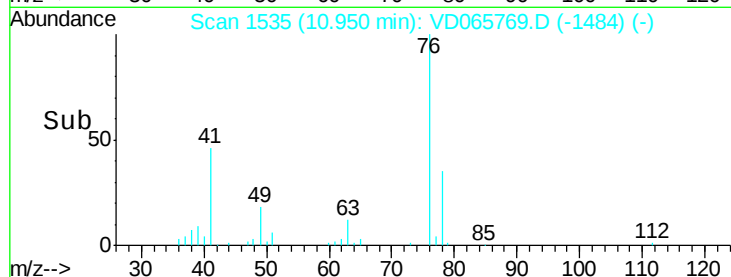
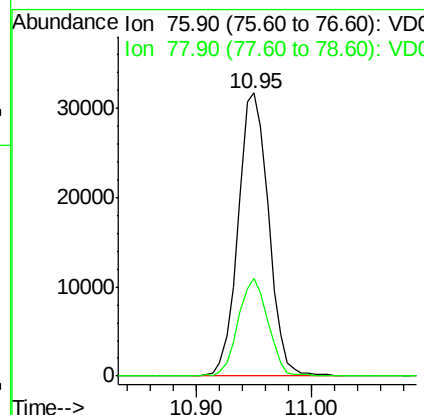
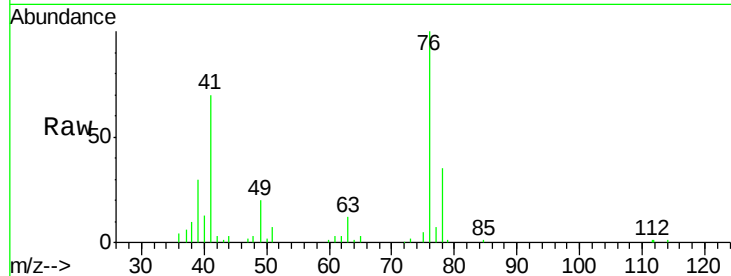
#57
 1,3-Dichloropropane
 Concen: 20.23 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion: 76 Resp: 57933
 Ion Ratio Lower Upper
 76 100
 78 34.0 26.3 39.5

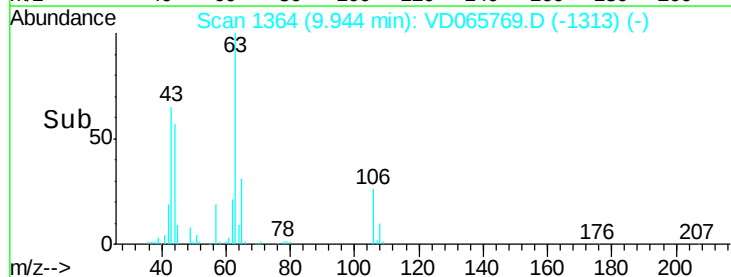
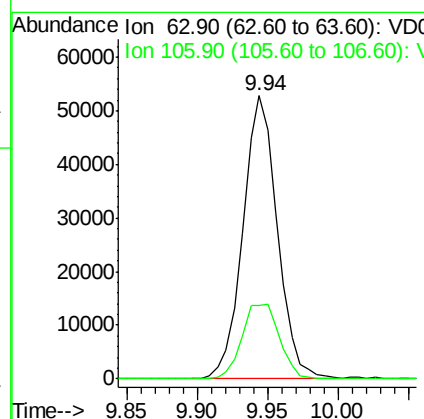
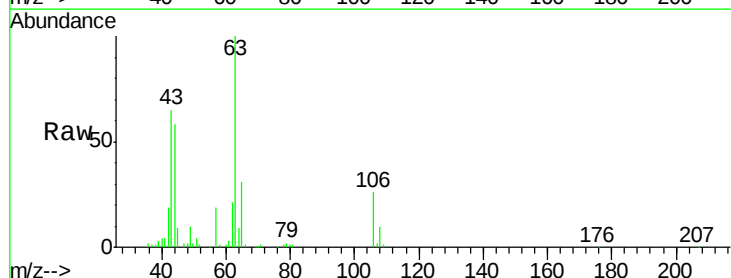
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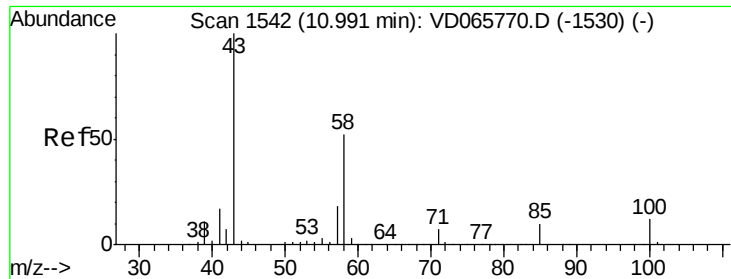
MMDadoda
 6/5/2020 4:12:42 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.49 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Tgt Ion: 63 Resp: 90030
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.2 34.8





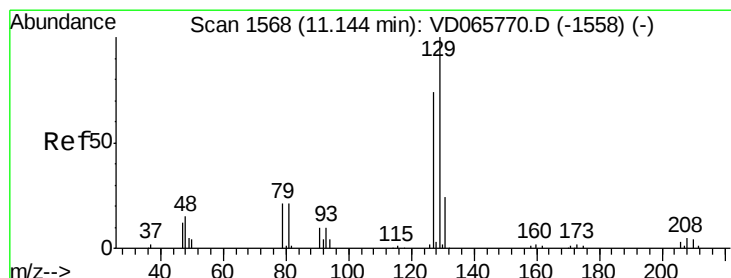
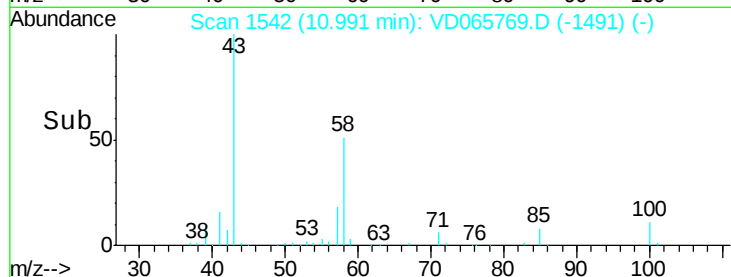
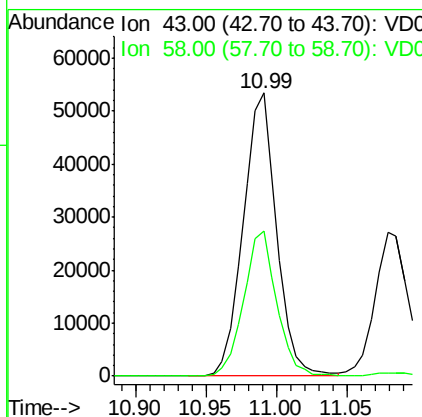
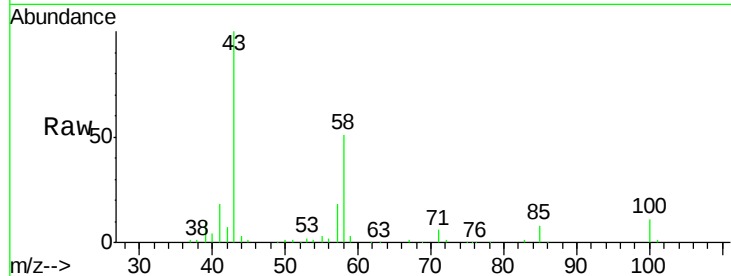
#59
2-Hexanone
Concen: 105.51 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 88394
Ion Ratio Lower Upper
43 100
58 50.8 25.7 77.0

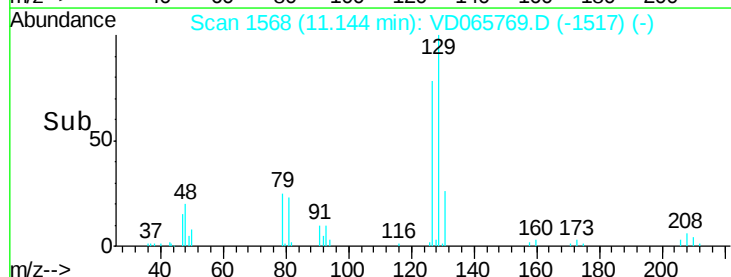
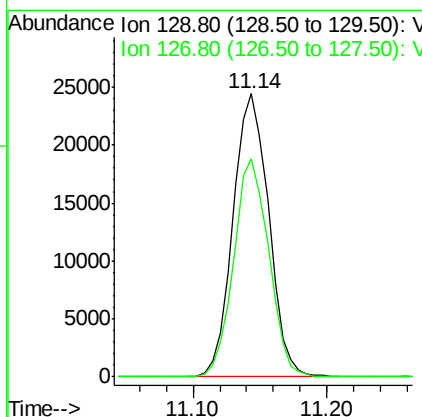
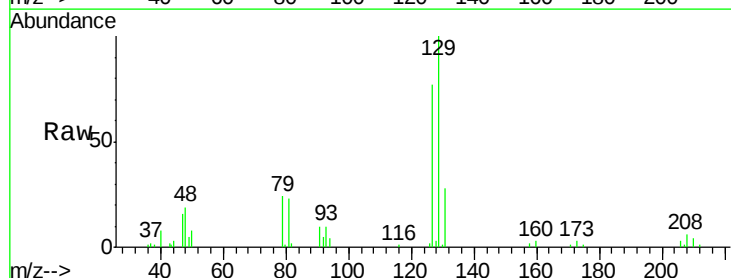
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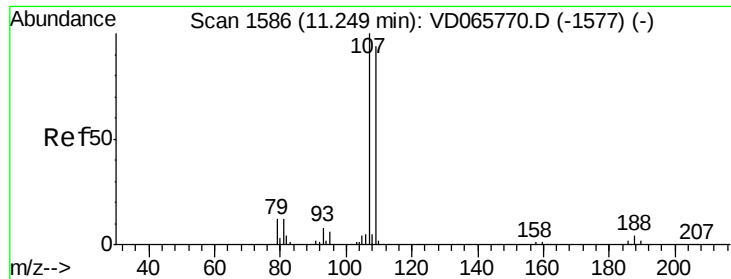
MMDadoda
6/5/2020 4:12:42 PM



#60
Dibromochloromethane
Concen: 20.39 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion: 129 Resp: 45367
Ion Ratio Lower Upper
129 100
127 75.6 38.0 113.9





#61

1,2-Dibromoethane

Concen: 20.59 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 107 Resp: 33167

Ion Ratio Lower Upper

107 100

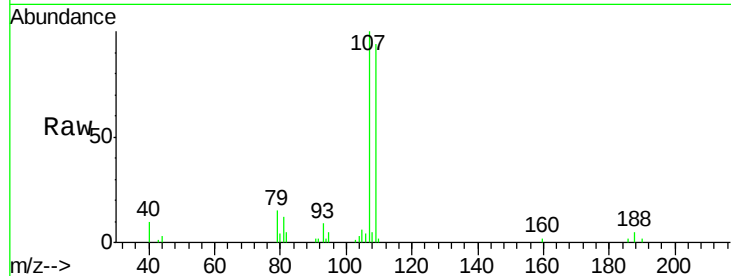
109 93.9 74.4 111.6

Manual Integrations

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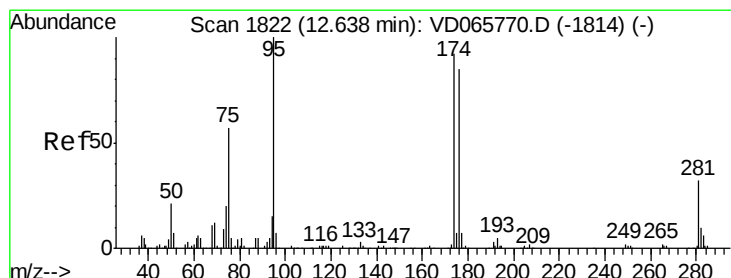
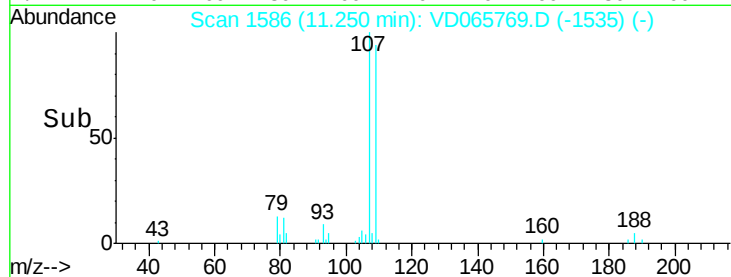
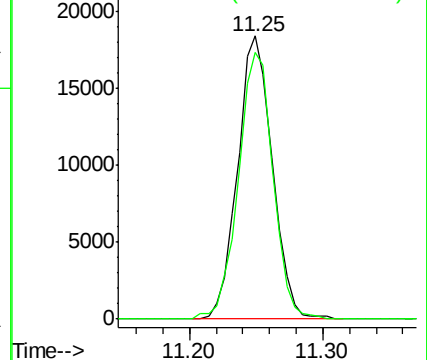
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.36 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

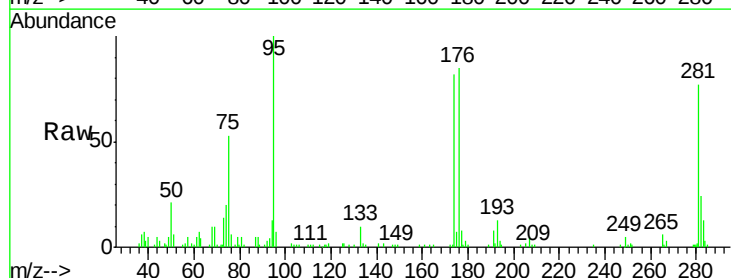
Tgt Ion: 95 Resp: 52087

Ion Ratio Lower Upper

95 100

174 83.0 0.0 175.2

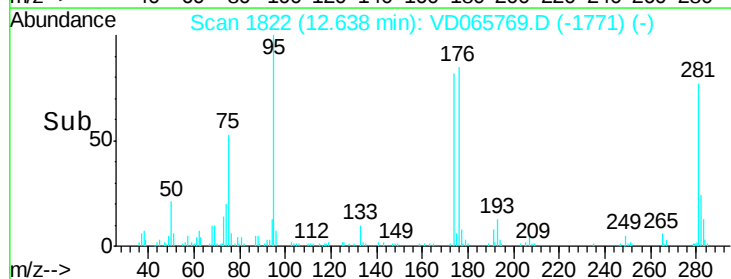
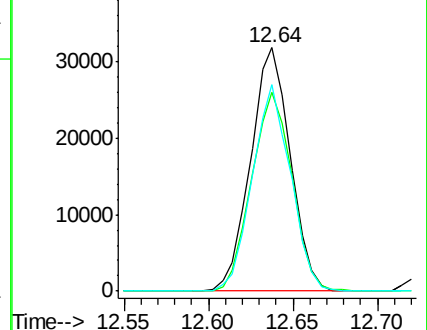
176 81.7 0.0 163.0

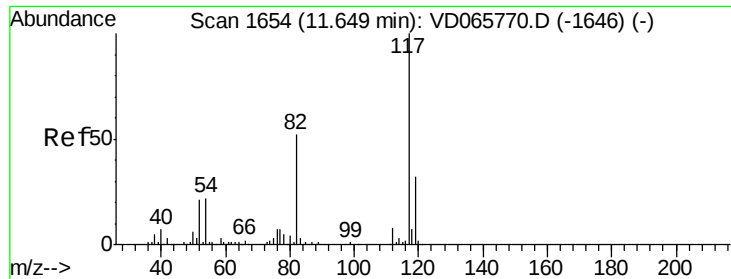


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





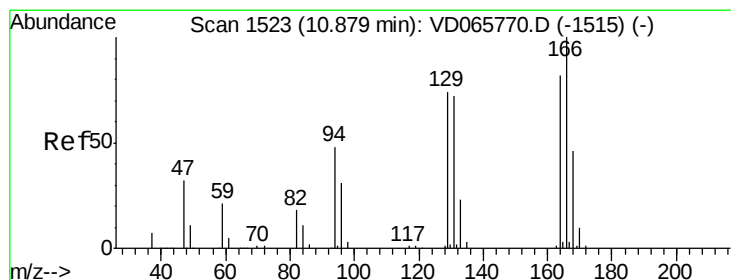
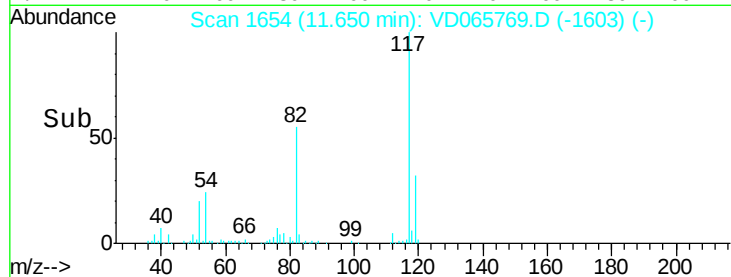
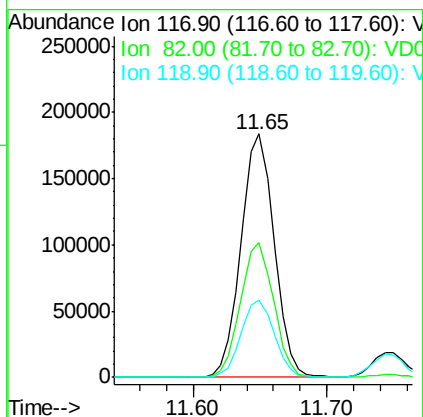
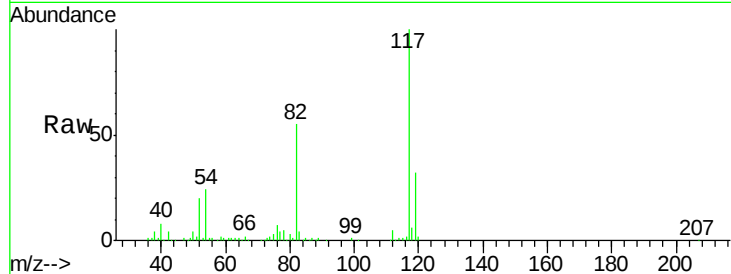
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	316162		
82	55.3	41.9	62.9	
119	31.8	25.3	37.9	

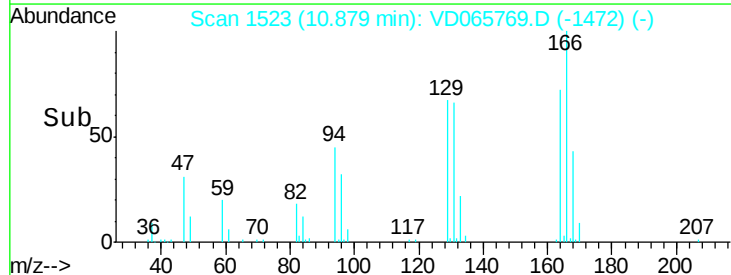
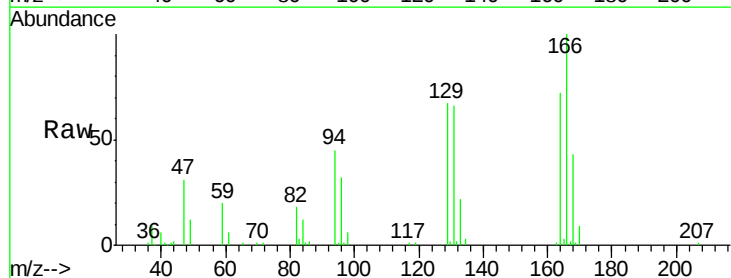
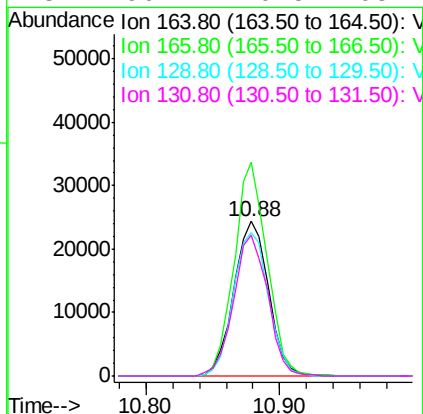
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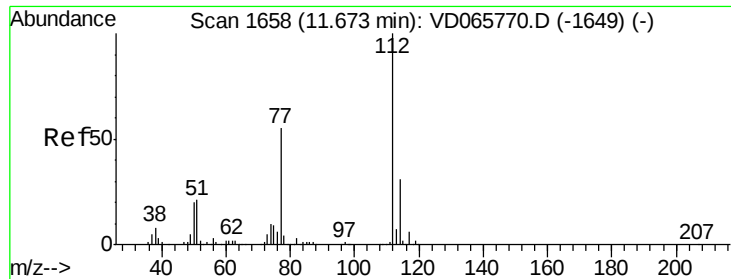
MMDadoda
6/5/2020 4:12:42 PM



#64
Tetrachloroethene
Concen: 20.07 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	43940		
166	138.1	98.2	147.2	
129	92.7	72.3	108.5	
131	90.7	70.5	105.7	





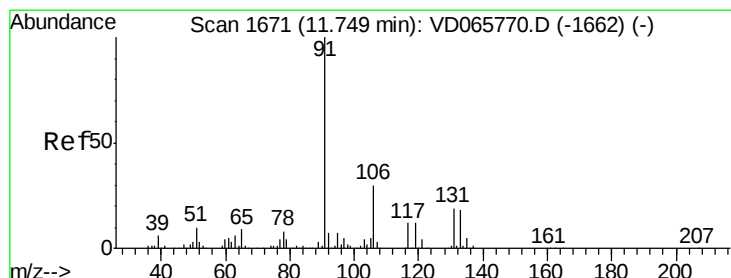
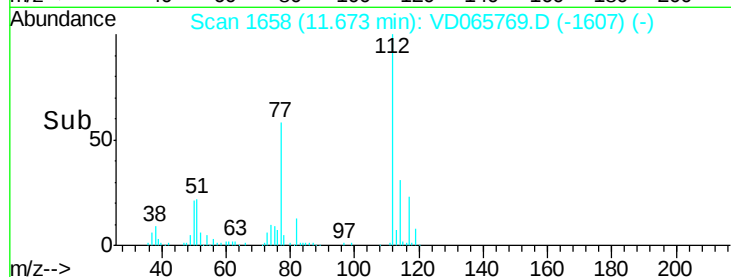
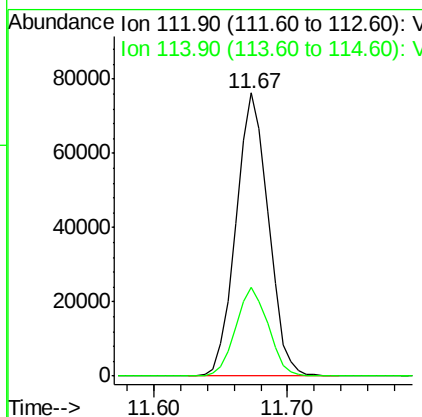
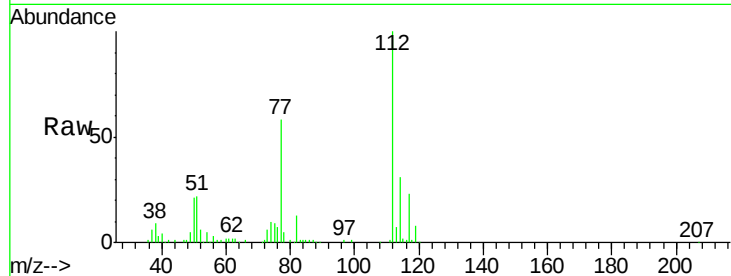
#65
Chlorobenzene
Concen: 20.48 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 128109
Ion Ratio Lower Upper
112 100
114 31.2 24.7 37.1

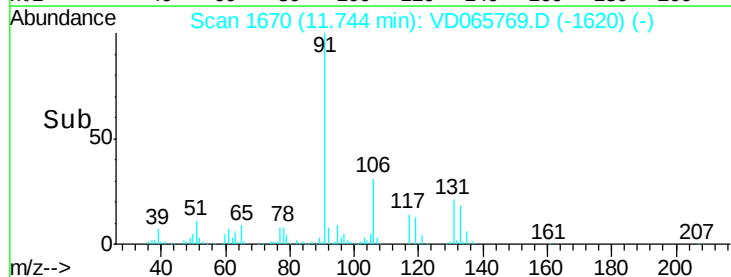
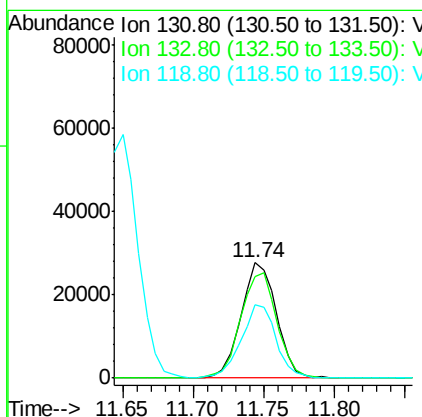
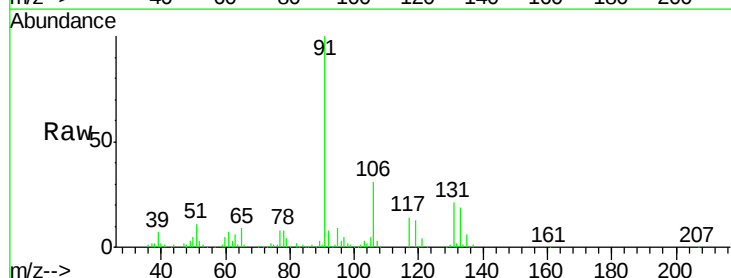
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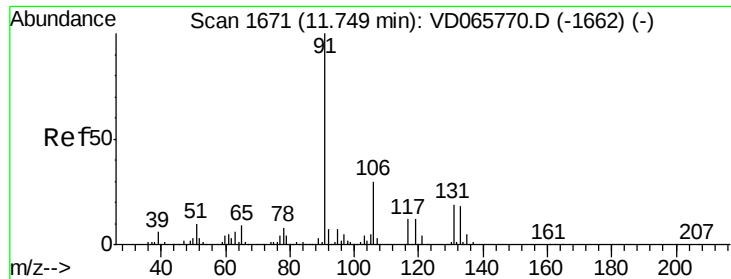
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.02 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion:131 Resp: 48699
Ion Ratio Lower Upper
131 100
133 93.4 47.3 141.9
119 62.7 31.6 94.8





#67

Ethyl Benzene

Concen: 20.99 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 232142

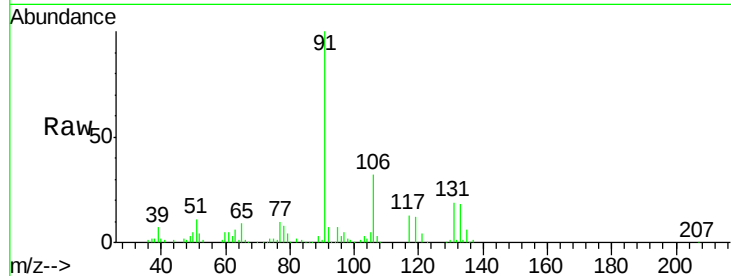
Ion Ratio Lower Upper

91 100

106 31.8 24.1 36.1

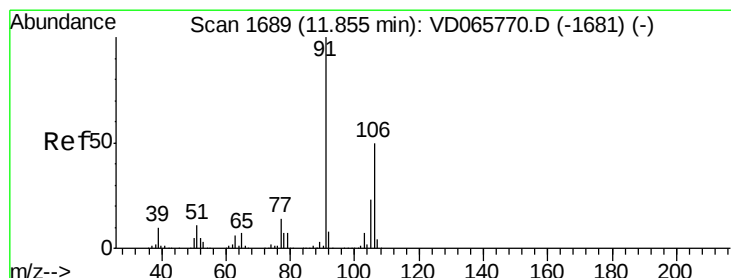
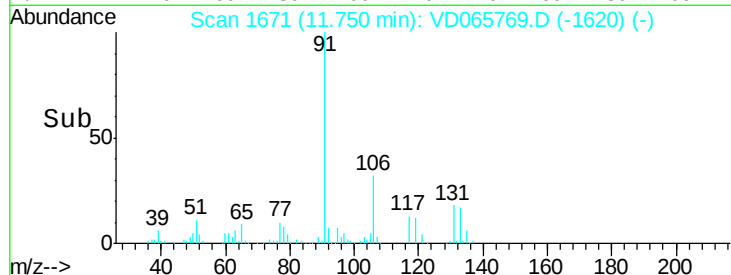
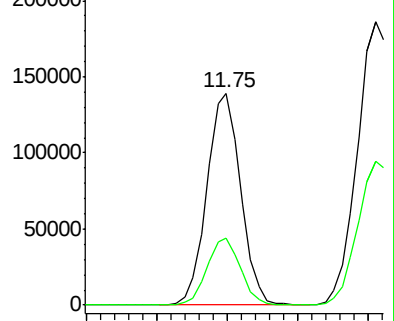
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Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 42.39 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD065769.D

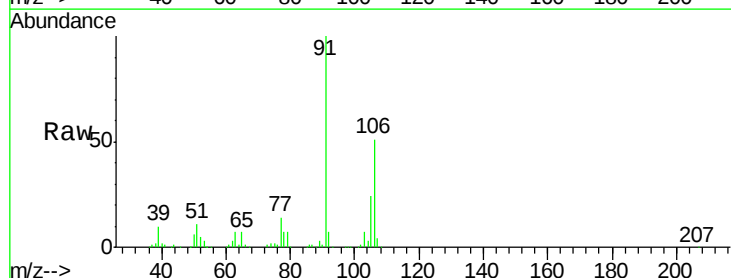
Acq: 05 Jun 2020 11:24

Tgt Ion: 106 Resp: 180478

Ion Ratio Lower Upper

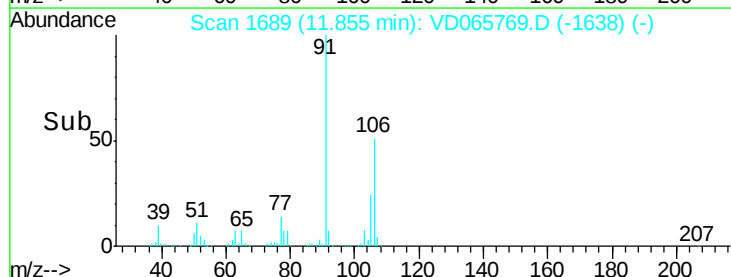
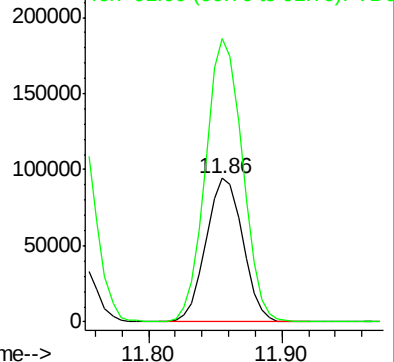
106 100

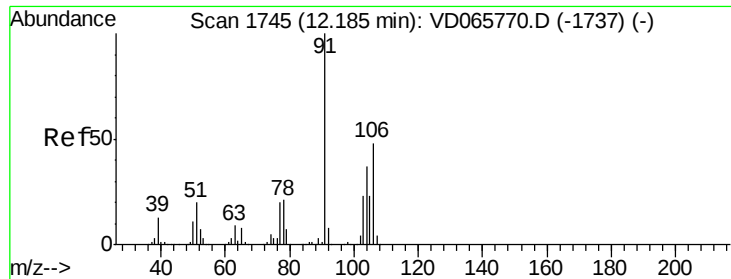
91 197.5 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





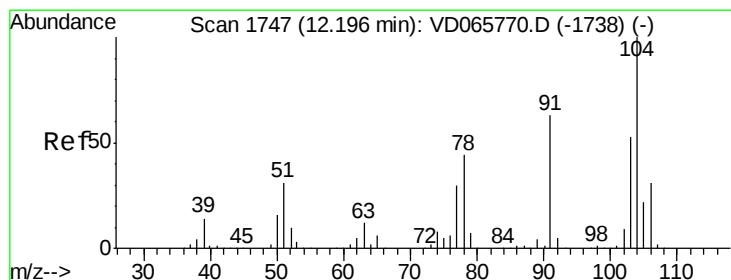
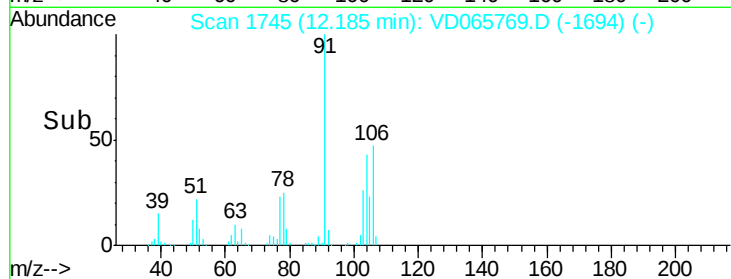
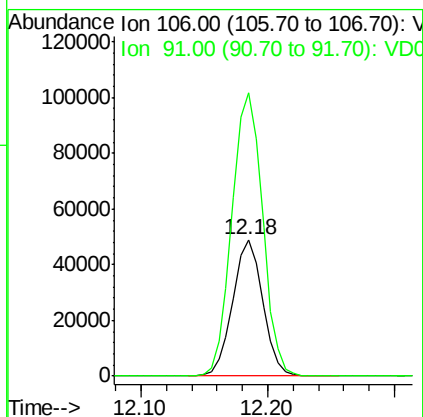
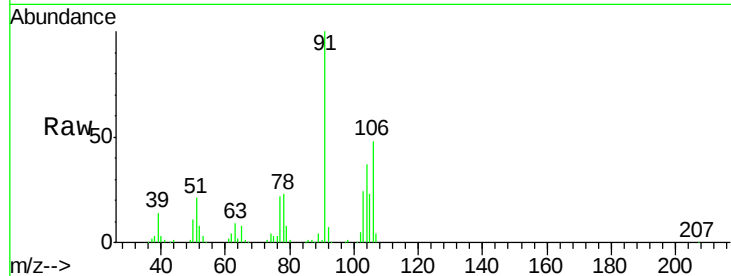
#69
o-Xylene
Concen: 21.19 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 80070
Ion Ratio Lower Upper
106 100
91 212.5 105.3 315.8

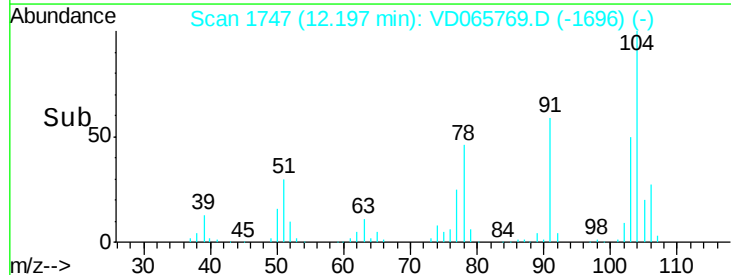
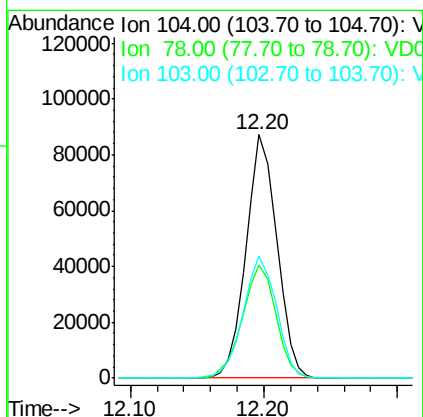
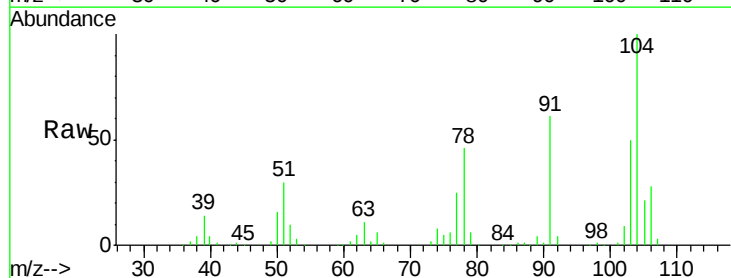
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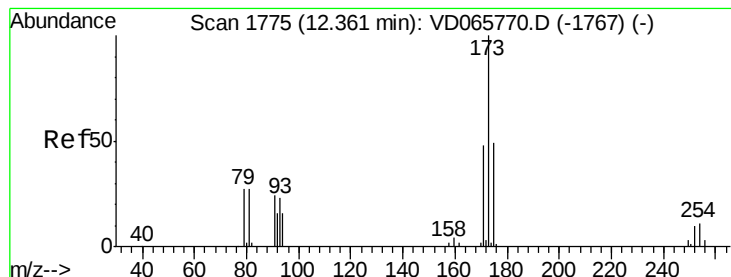
MMDadoda
6/5/2020 4:12:42 PM



#70
Styrene
Concen: 21.29 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion:104 Resp: 138985
Ion Ratio Lower Upper
104 100
78 50.6 38.6 58.0
103 54.2 43.9 65.9





#71

Bromoform

Concen: 21.01 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Instrument :

MSVOA_D

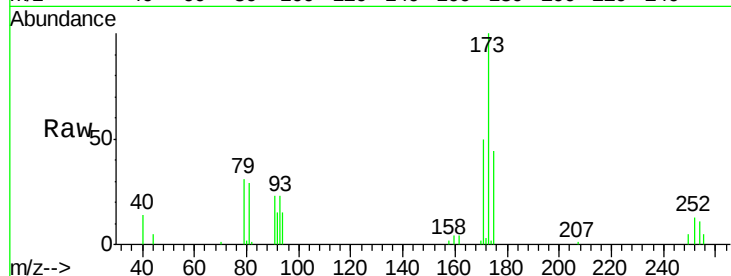
ClientSampleId :

VSTDIC020

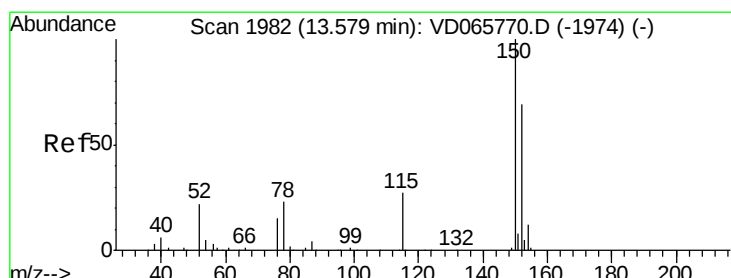
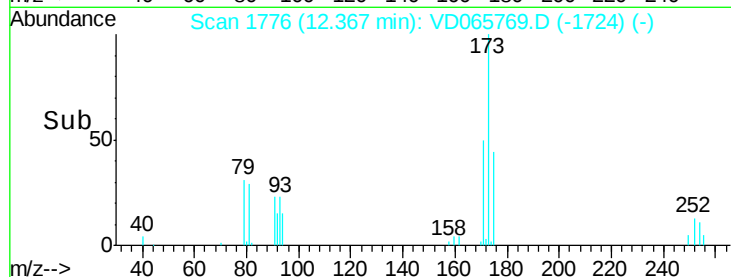
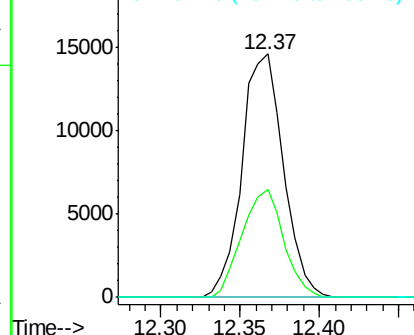
Tgt Ion	Ratio	Lower	Upper
173	100		
175	44.3	24.8	74.4
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

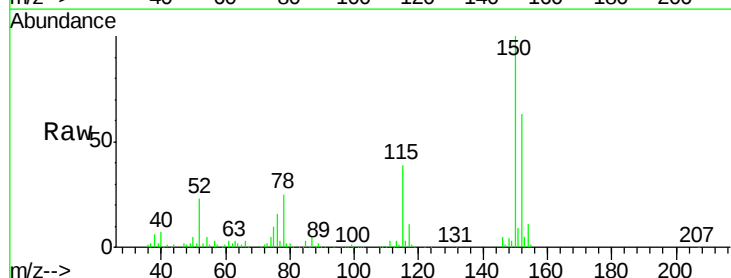
RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

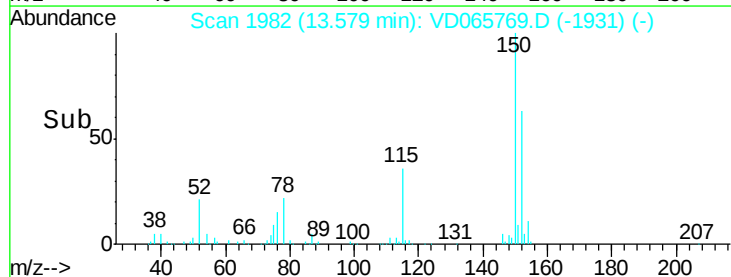
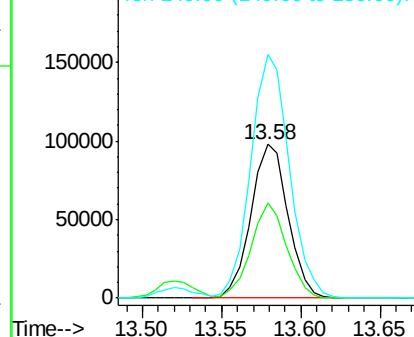
Lab File: VD065769.D

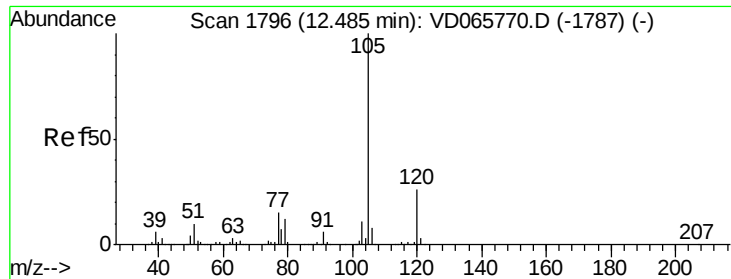
Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	28.7	86.1
150	165.8	0.0	348.0



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





#73

Isopropylbenzene

Concen: 20.77 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 105 Resp: 221945

Ion Ratio Lower Upper

105 100

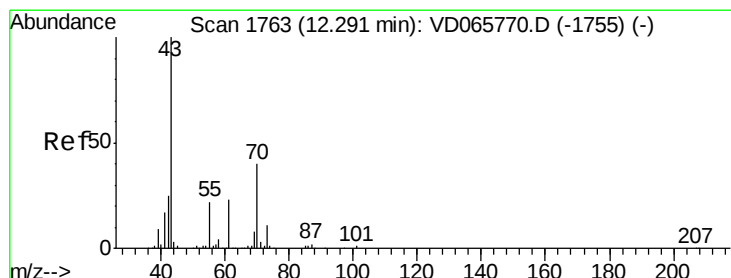
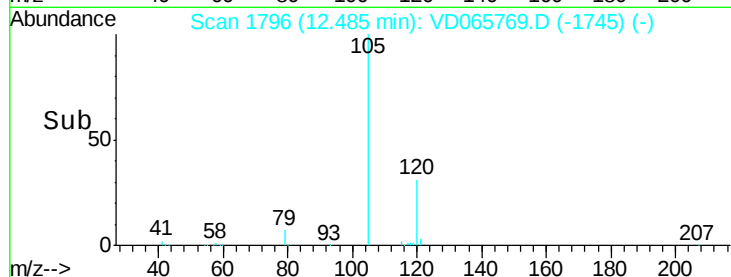
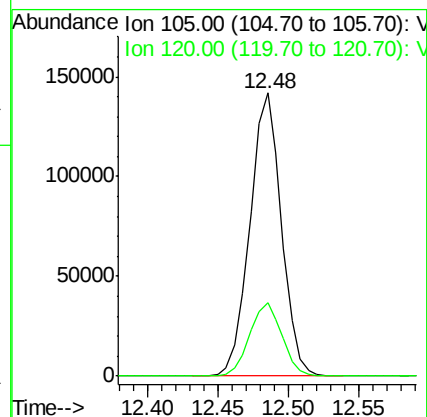
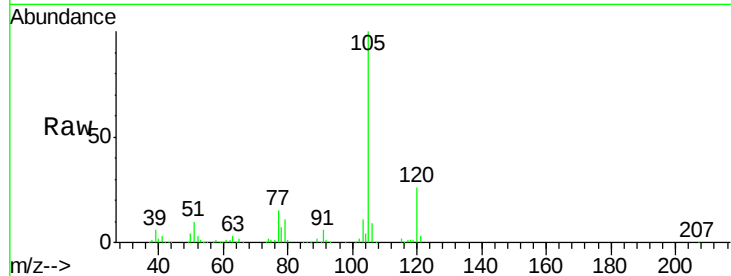
120 26.5 13.5 40.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.69 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Tgt Ion: 43 Resp: 49058

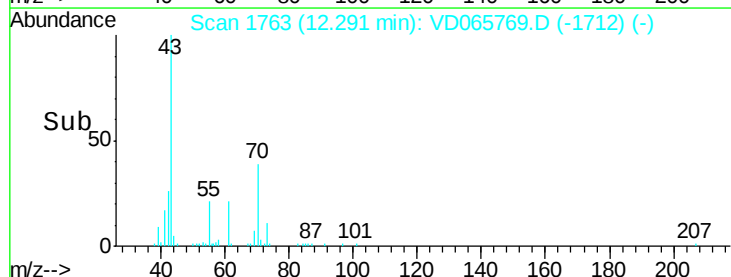
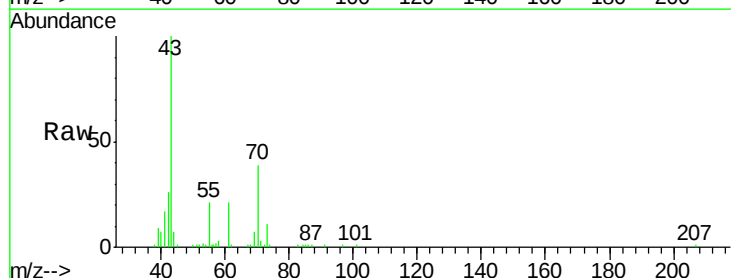
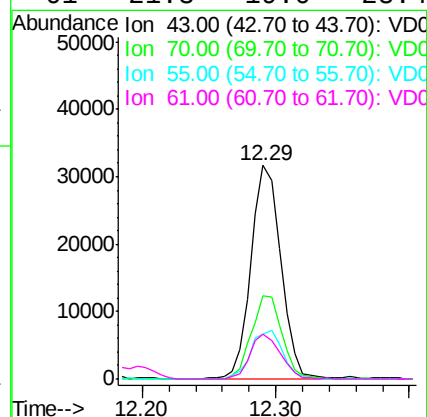
Ion Ratio Lower Upper

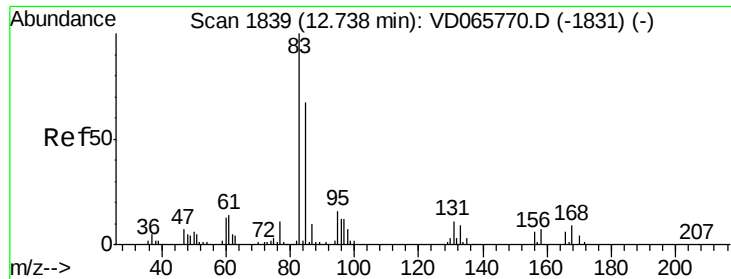
43 100

70 39.4 32.3 48.5

55 24.0 19.0 28.4

61 21.3 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.38 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Instrument :

MSVOA_D

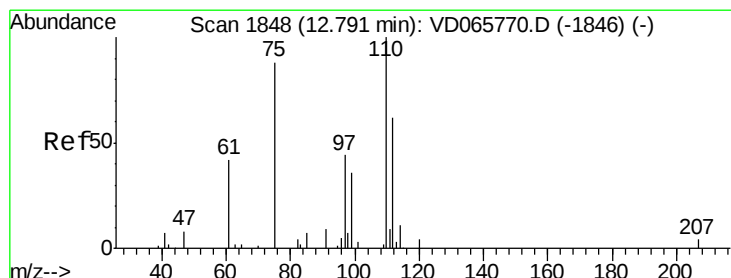
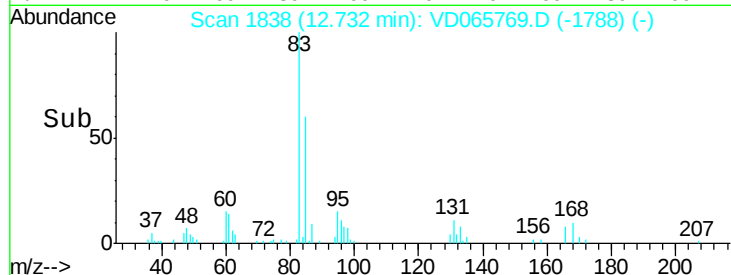
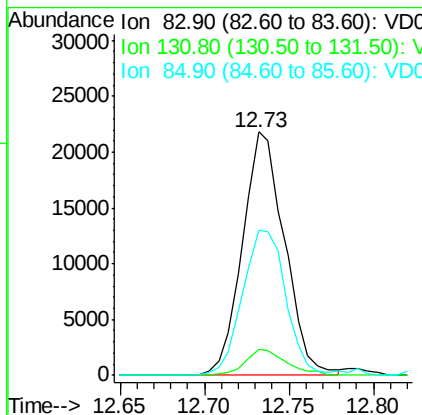
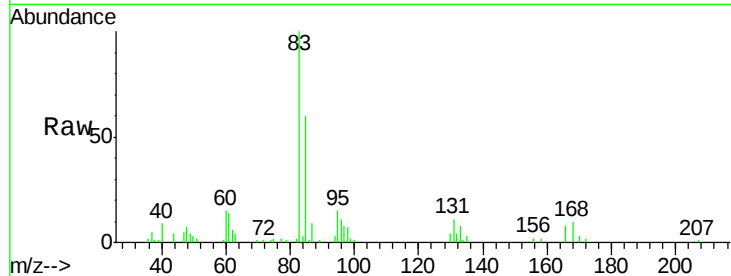
ClientSampleId :

VSTDIC020

Tgt Ion:	83	Resp:	37860
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.5	16.4
85	61.2	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 17.48 ug/l m

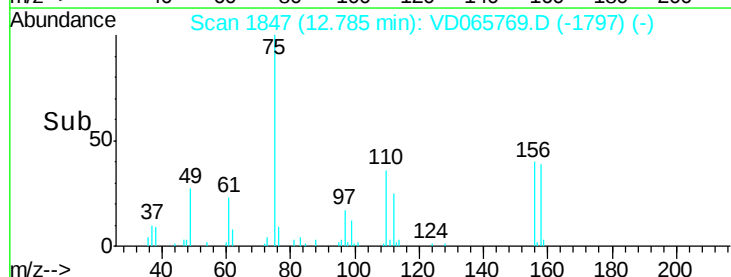
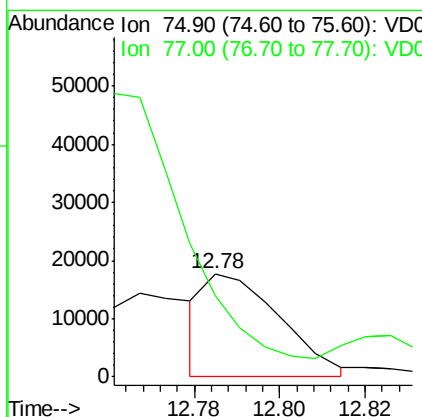
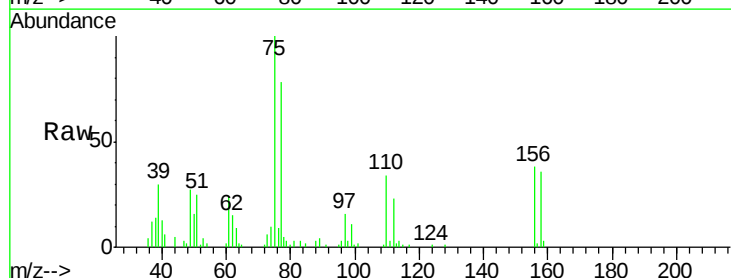
RT: 12.78 min Scan# 1847

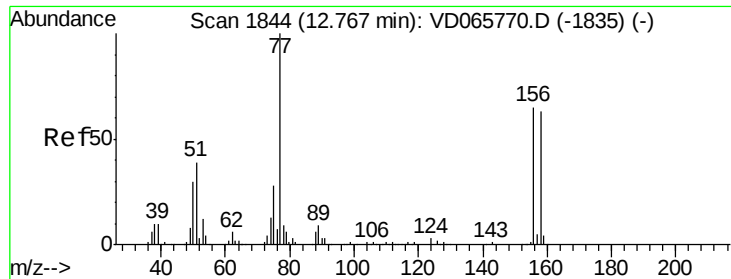
Delta R.T. -0.01 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Tgt Ion:	75	Resp:	21727
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.06 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD065769.D

Acq: 05 Jun 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion:156 Resp: 53367

Ion Ratio Lower Upper

156 100

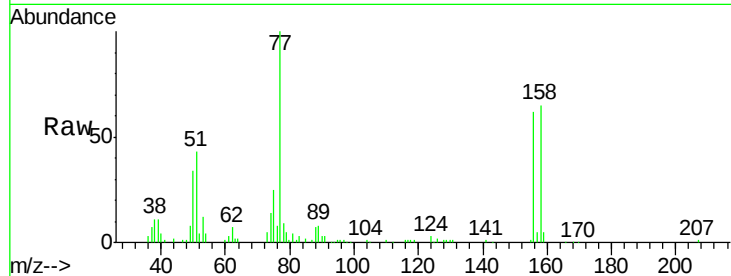
77 175.9 87.3 261.8

158 96.1 48.0 144.0

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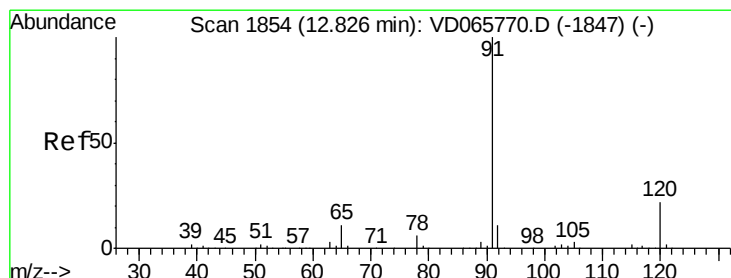
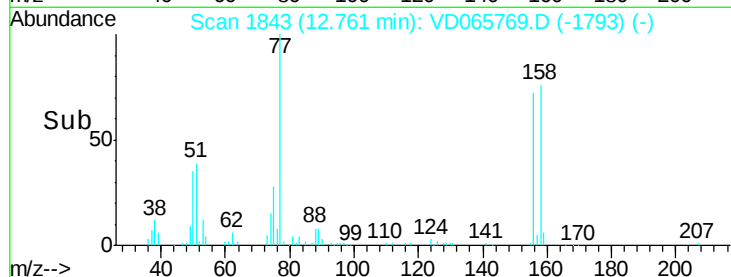
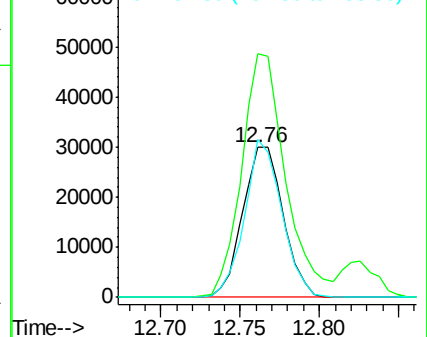
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.79 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065769.D

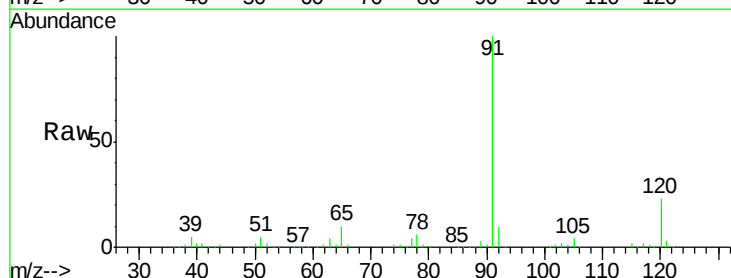
Acq: 05 Jun 2020 11:24

Tgt Ion: 91 Resp: 269596

Ion Ratio Lower Upper

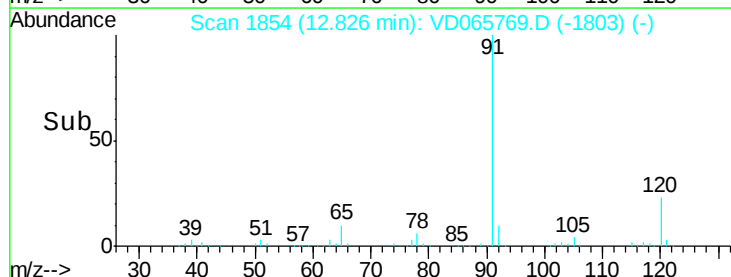
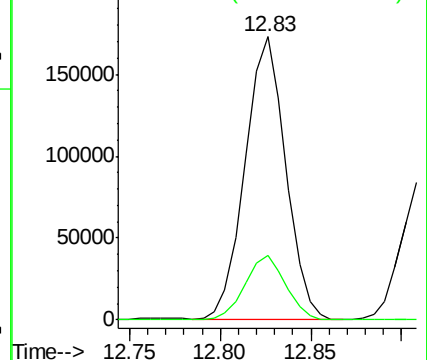
91 100

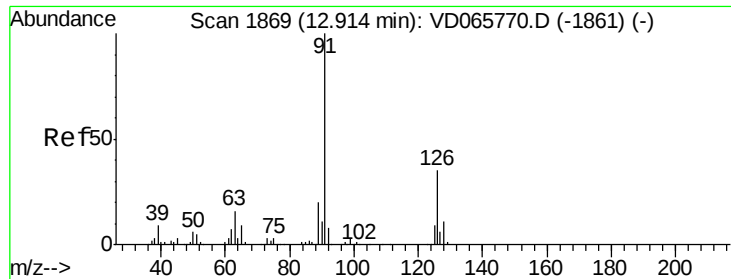
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





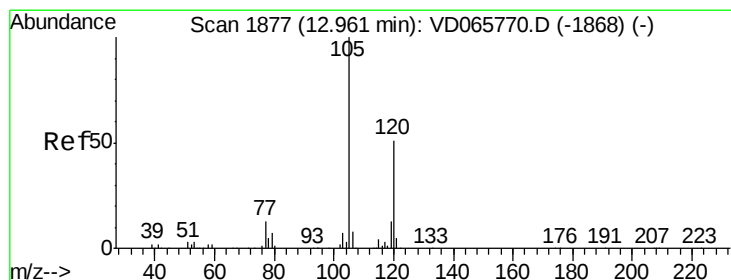
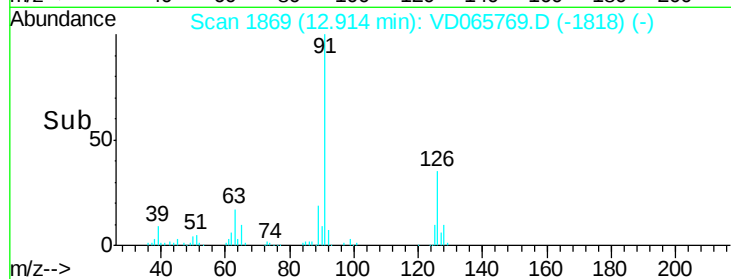
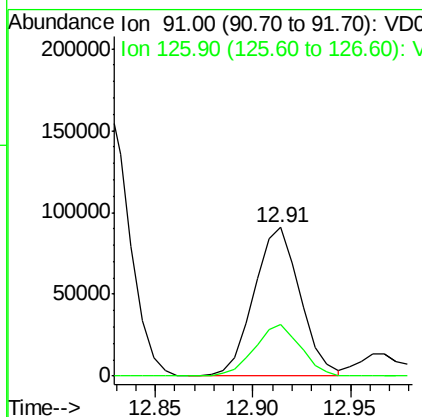
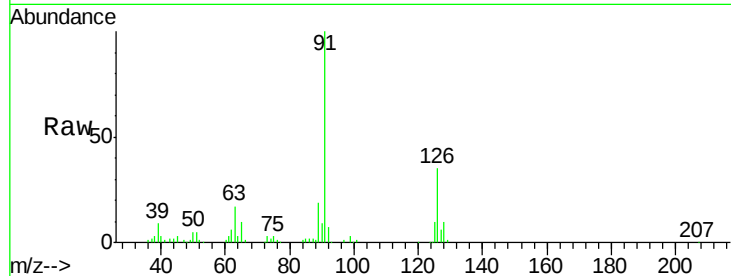
#79
2-Chlorotoluene
Concen: 20.80 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 148059
Ion Ratio Lower Upper
91 100
126 34.7 17.5 52.6

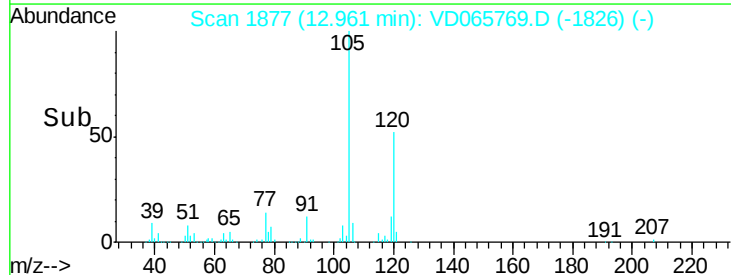
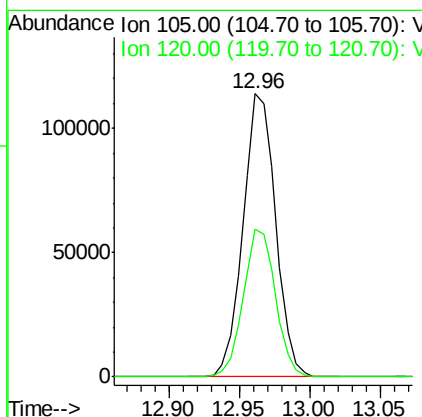
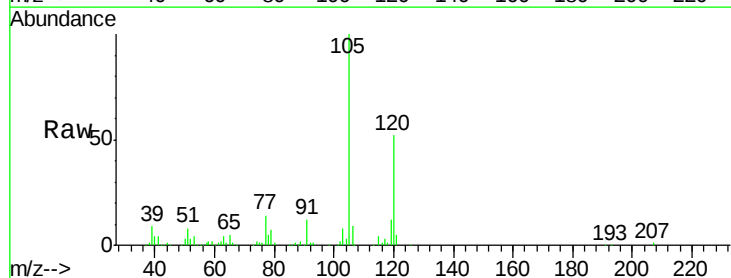
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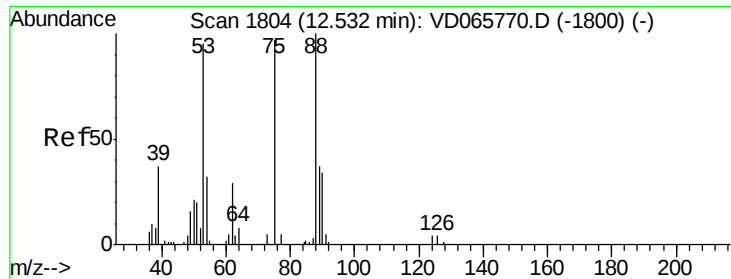
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.76 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion: 105 Resp: 184470
Ion Ratio Lower Upper
105 100
120 51.5 25.4 76.0





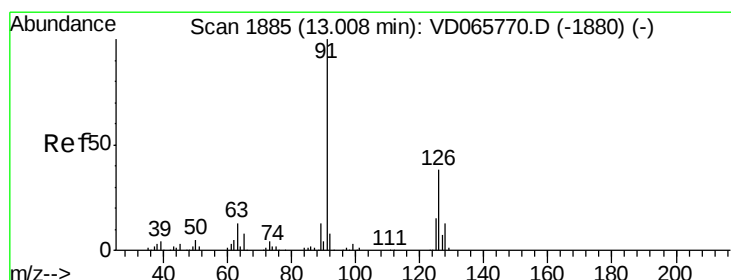
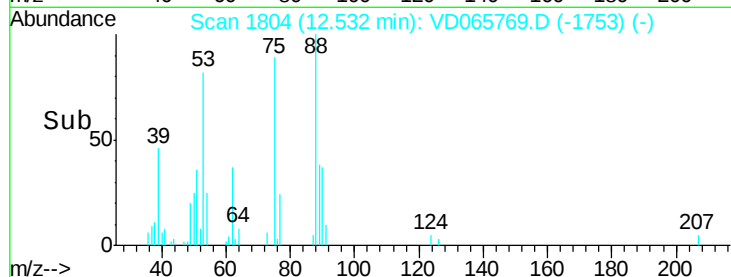
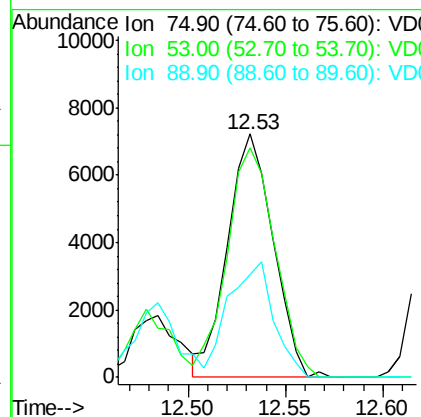
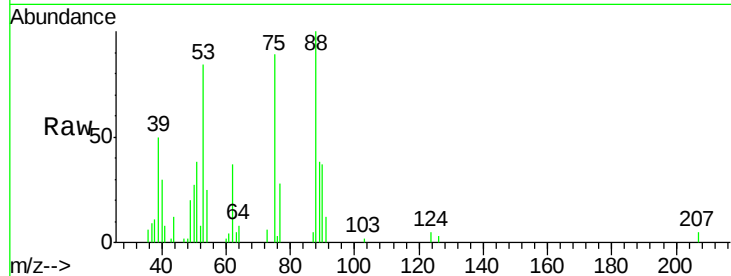
#81
trans-1,4-Dichloro-2-butene
Concen: 20.73 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.7	82.6	123.8
89	47.1	35.9	53.9

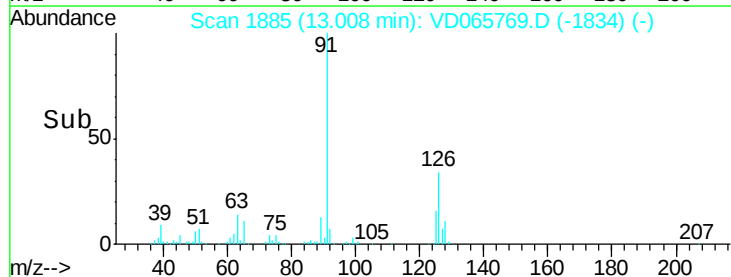
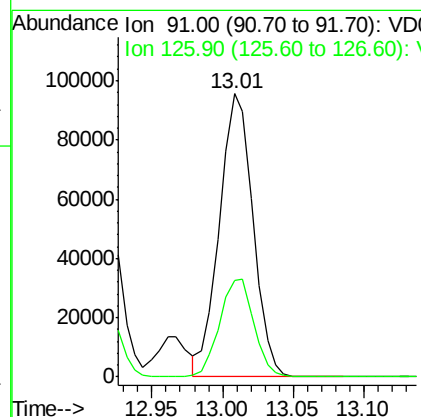
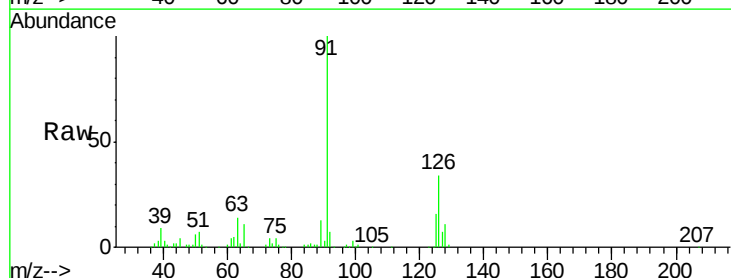
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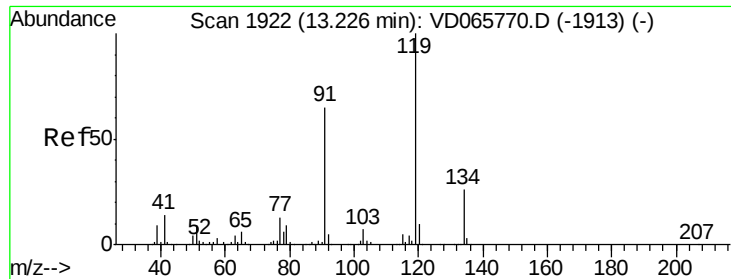
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.54 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.6	52.8





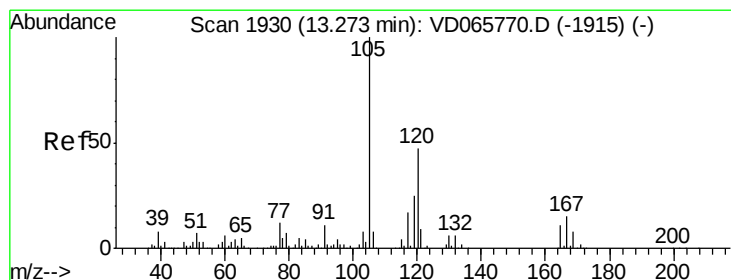
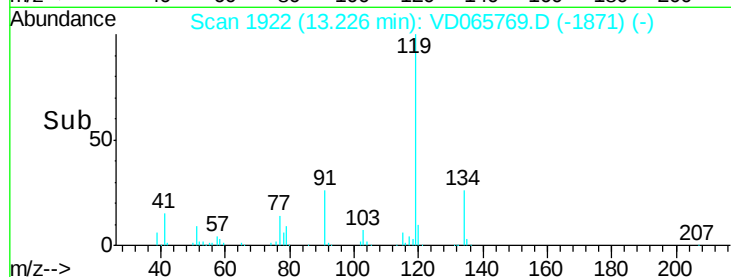
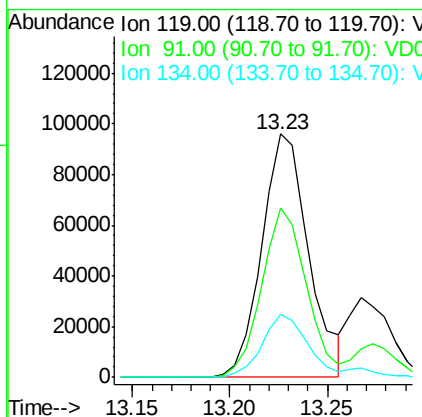
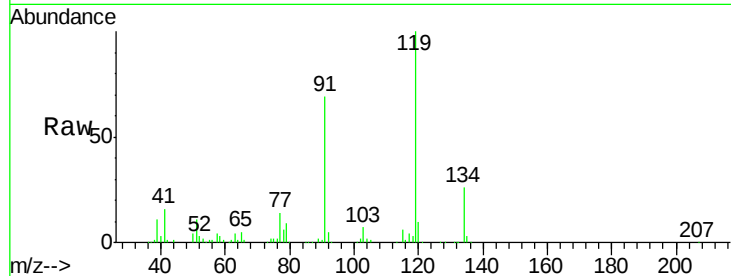
#83
 tert-Butylbenzene
 Concen: 20.77 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.2	32.0	96.0
134	27.4	13.8	41.4

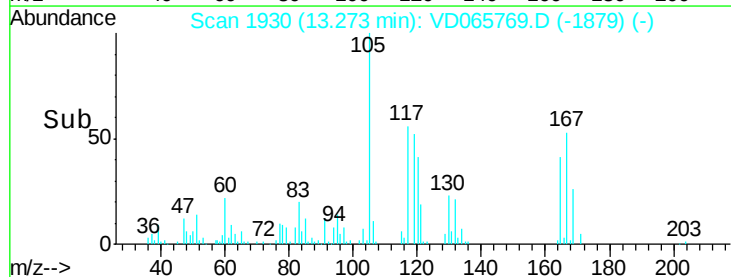
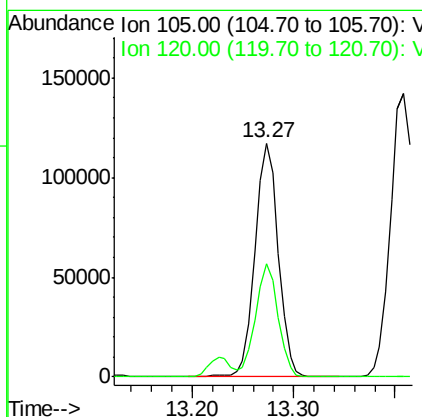
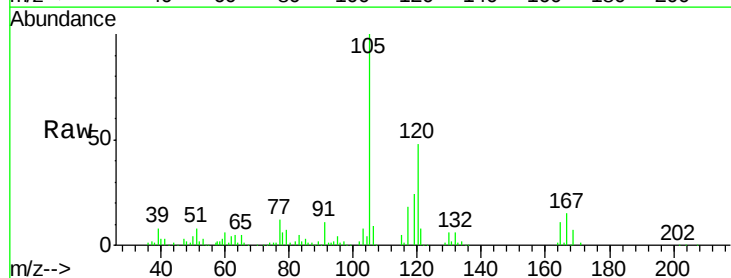
Manual Integrations
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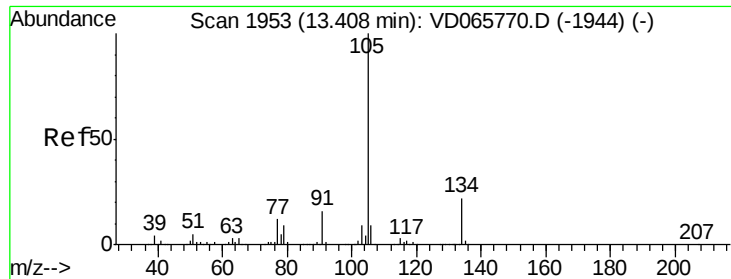
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 6/5/2020 4:12:42 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.98 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.3	69.8





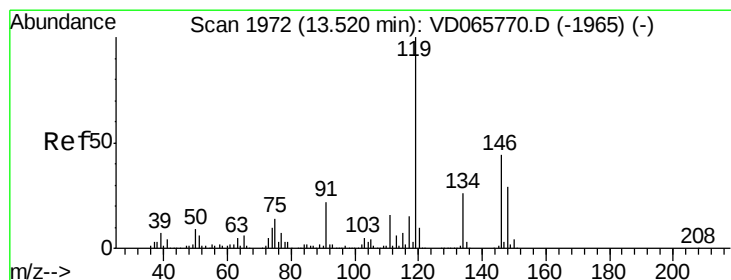
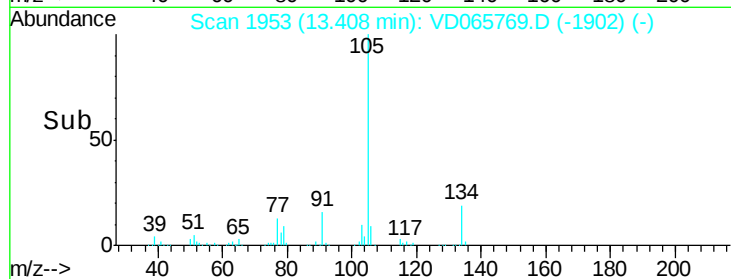
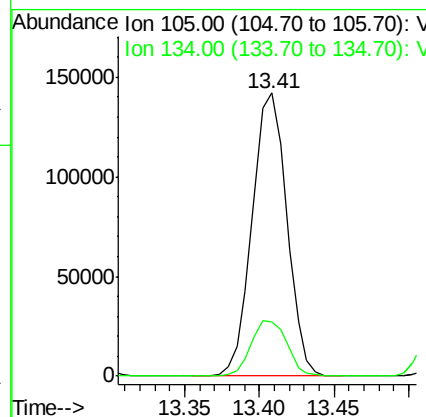
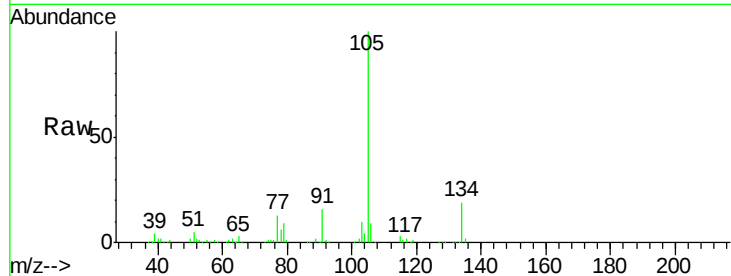
#85
 sec-Butylbenzene
 Concen: 21.15 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.4	31.4

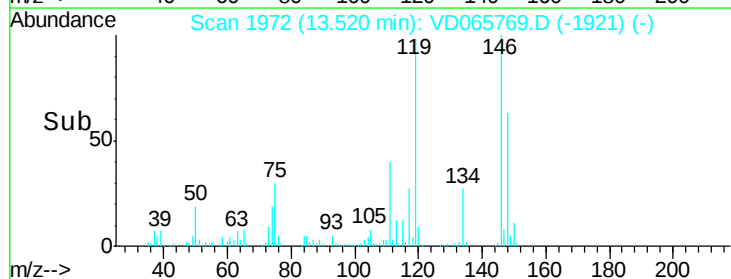
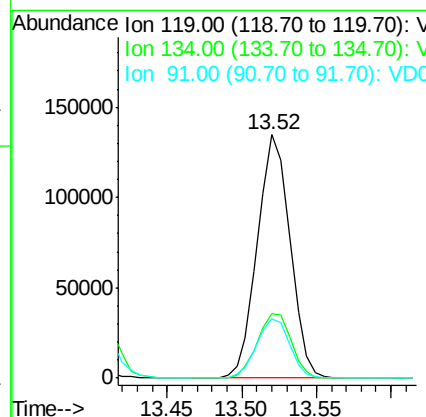
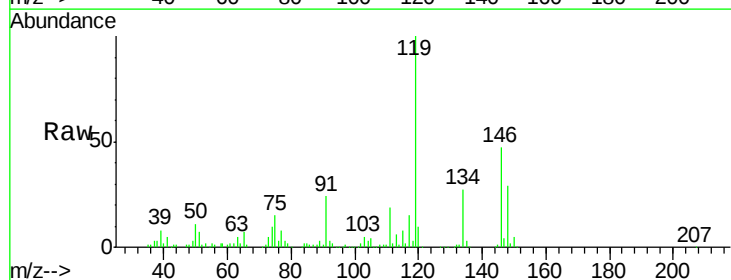
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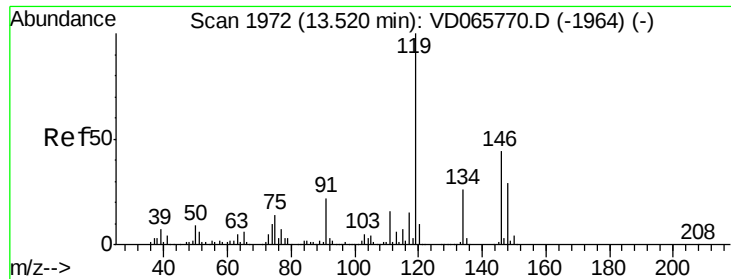
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#86
 p-Isopropyltoluene
 Concen: 20.86 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.3	39.9
91	24.8	11.8	35.4





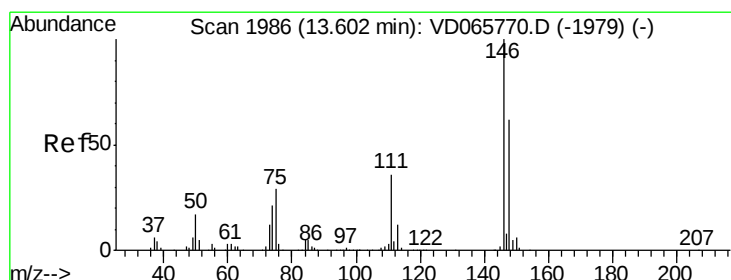
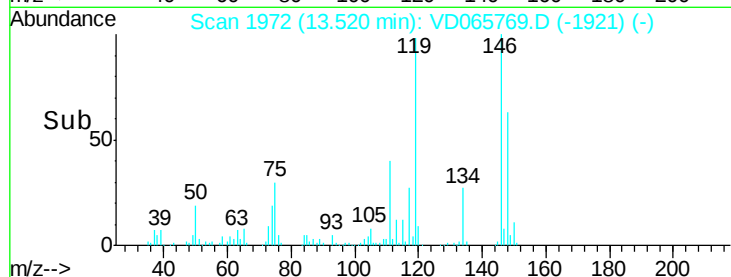
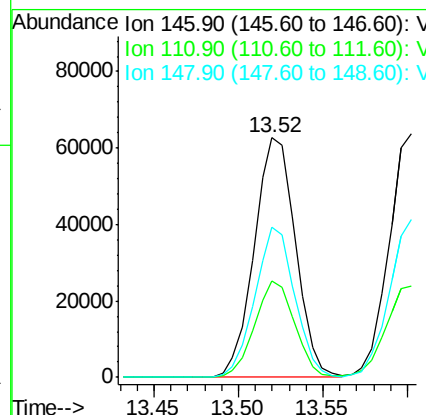
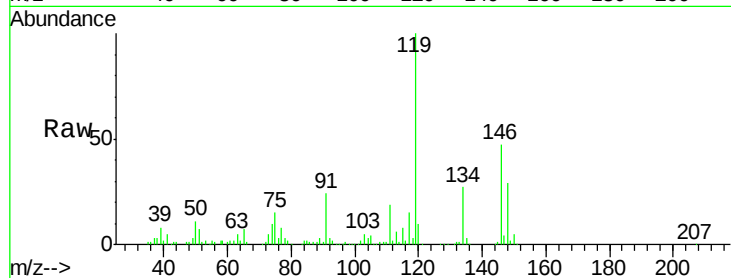
#87
 1,3-Dichlorobenzene
 Concen: 21.02 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.2	57.6
148	60.5	32.1	96.3

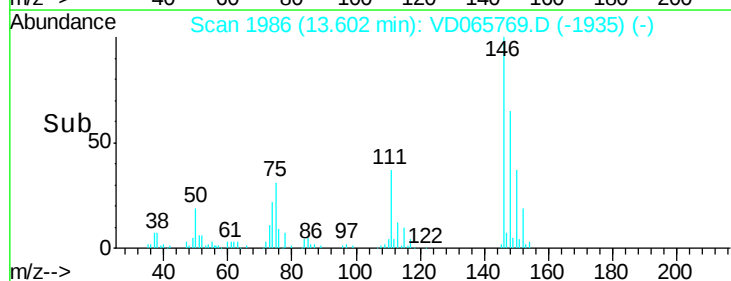
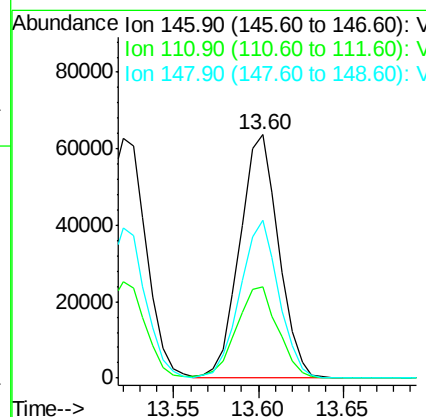
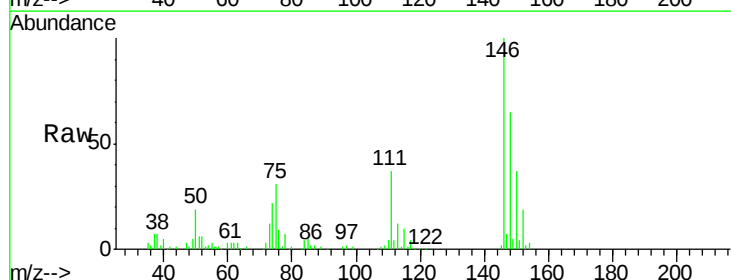
Manual Integrations
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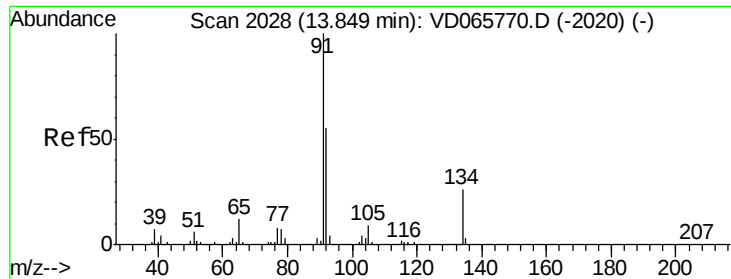
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#88
 1,4-Dichlorobenzene
 Concen: 20.25 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	18.9	56.7
148	64.3	31.6	94.7





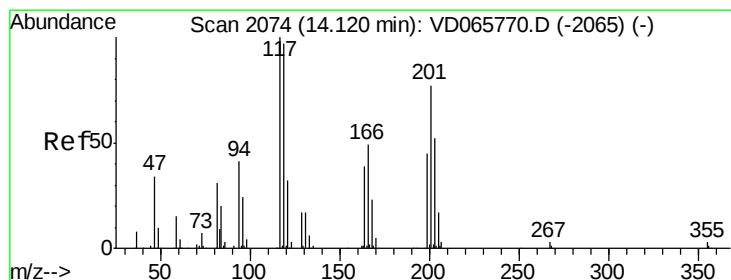
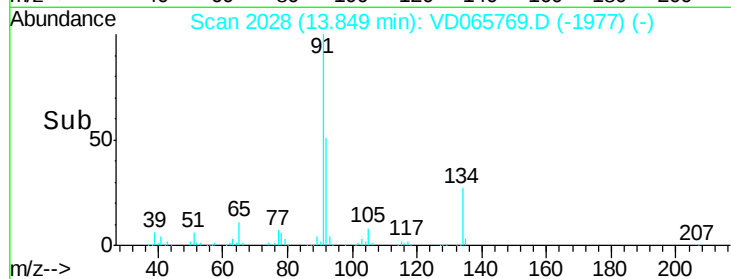
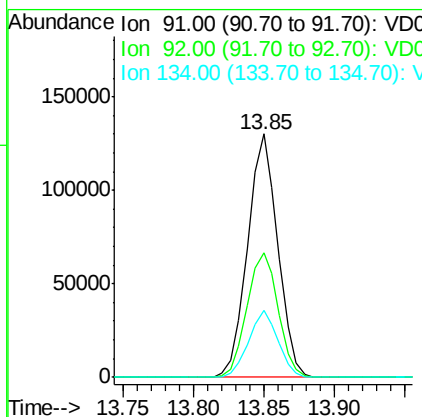
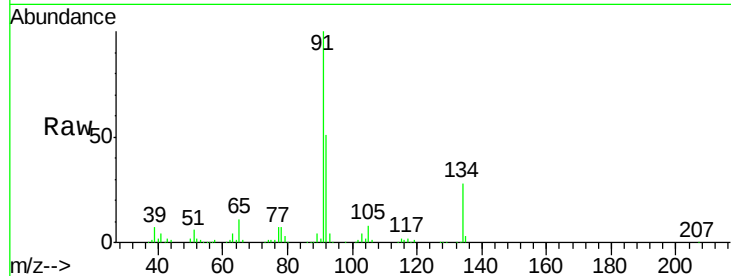
#89
n-Butylbenzene
Concen: 20.76 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.9	27.0	81.0
134	26.7	13.0	39.0

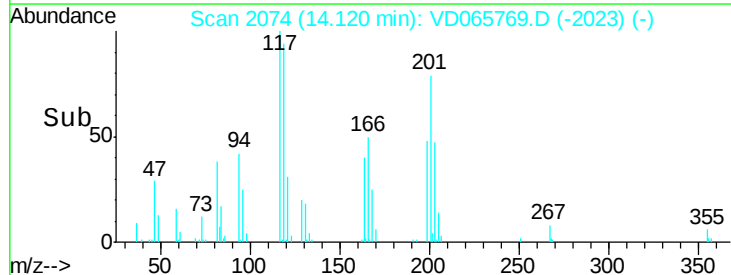
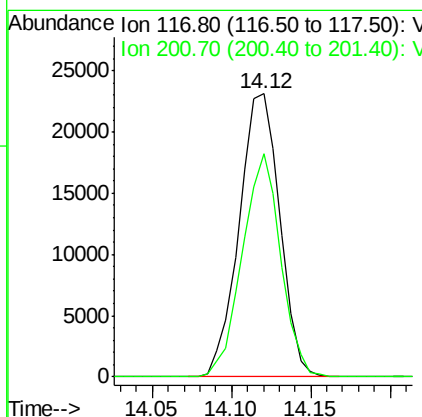
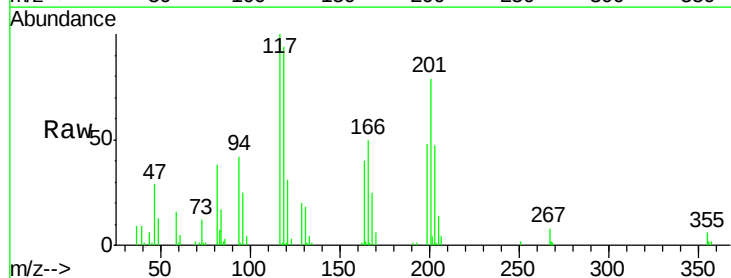
Manual Integrations
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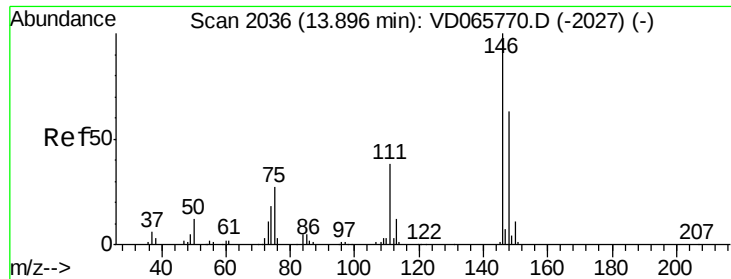
MMDadoda
6/5/2020 4:12:42 PM



#90
Hexachloroethane
Concen: 20.74 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.2	37.1	111.5





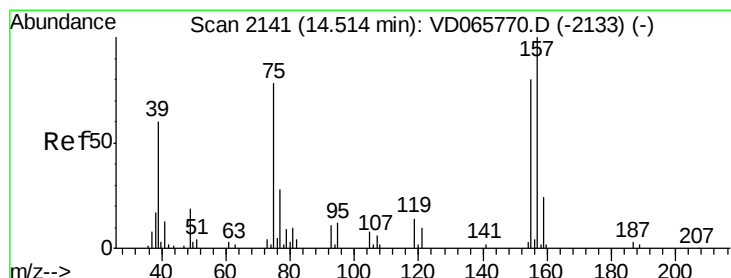
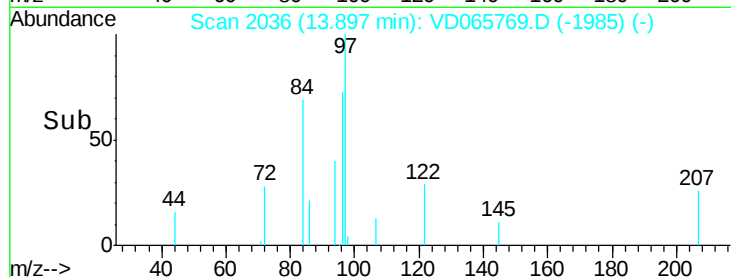
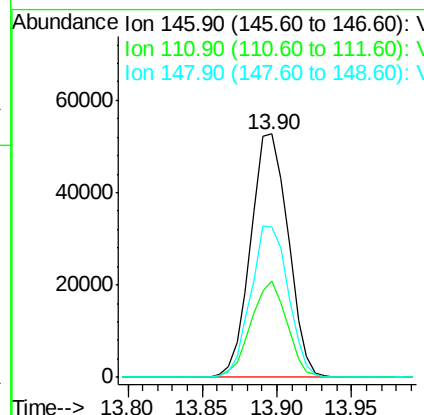
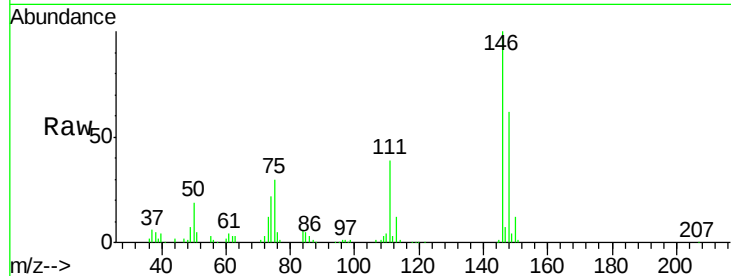
#91
 1,2-Dichlorobenzene
 Concen: 21.13 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.8	59.4
148	62.0	31.9	95.7

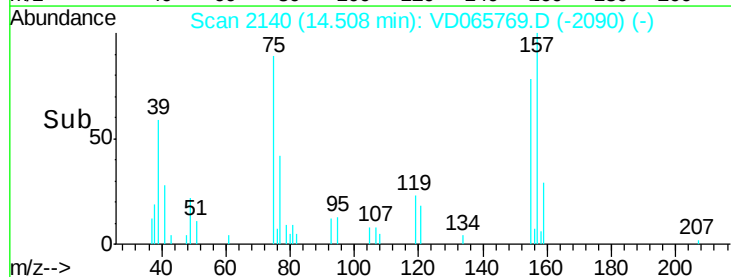
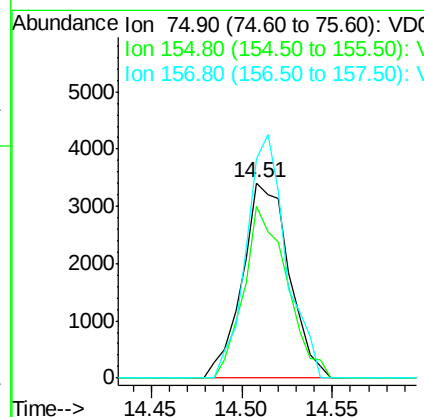
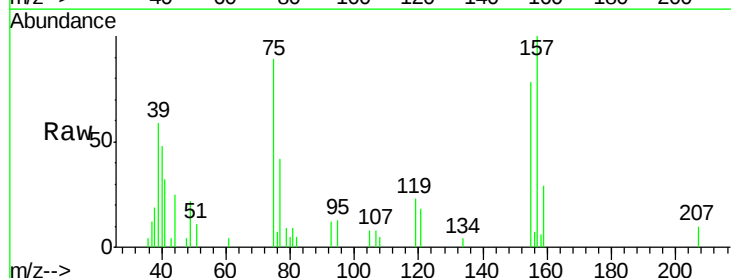
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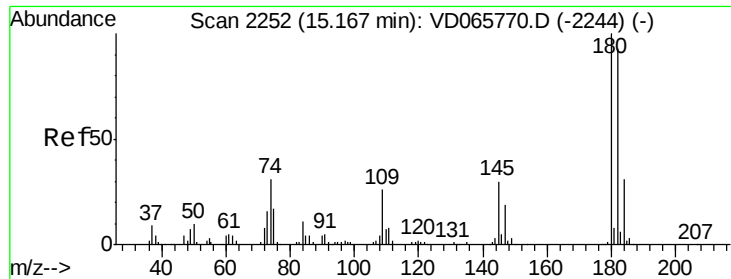
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.84 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.2	46.3	138.9
157	106.7	58.1	174.3





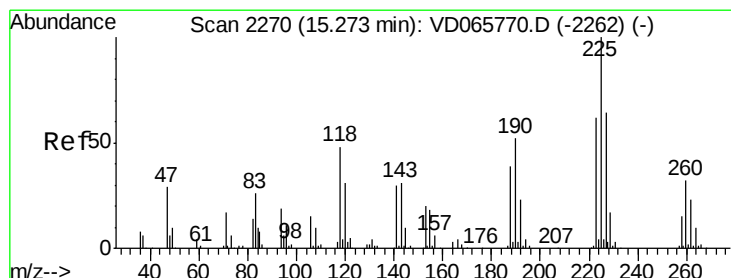
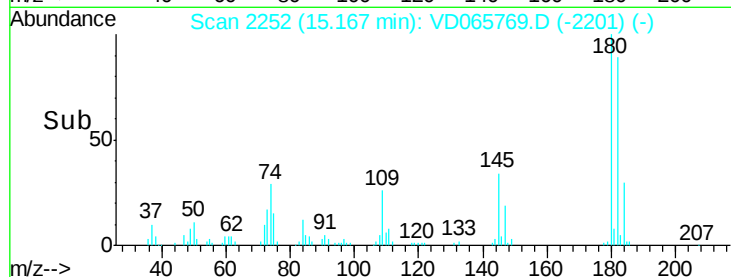
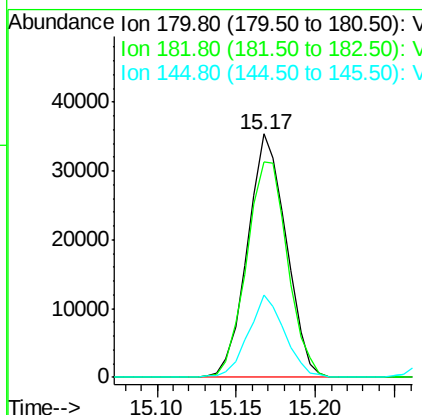
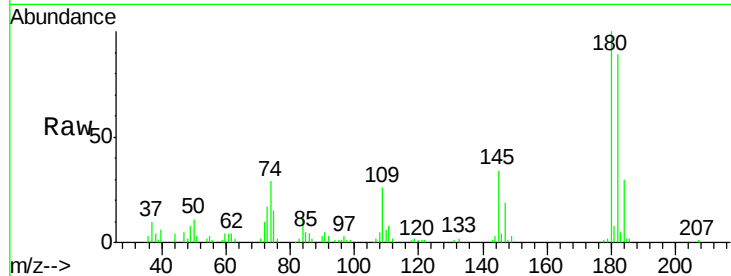
#93
 1,2,4-Trichlorobenzene
 Concen: 20.81 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	59796		
182	94.2	48.0	144.2	
145	32.0	14.9	44.9	

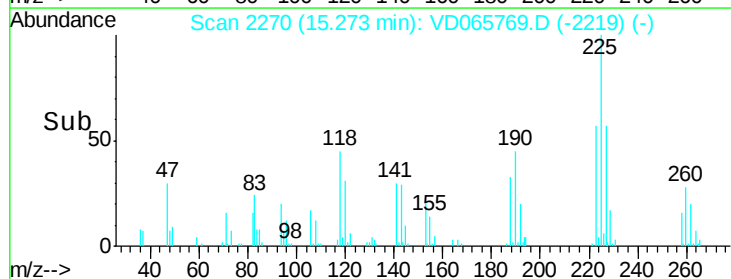
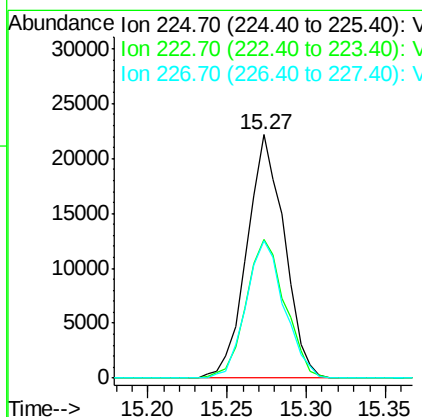
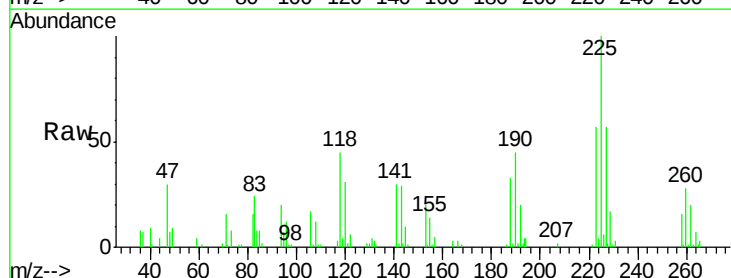
Manual Integrations
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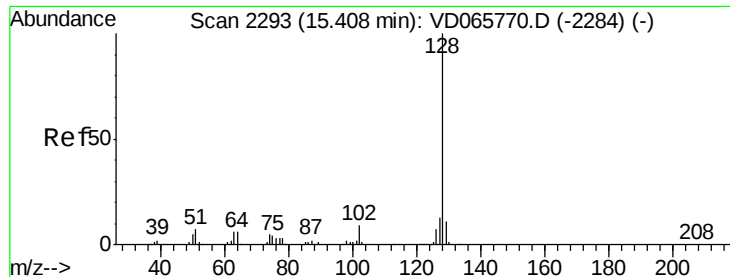
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#94
 Hexachlorobutadiene
 Concen: 20.59 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD065769.D
 Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	36431		
223	59.2	30.9	92.7	
227	57.5	31.9	95.7	





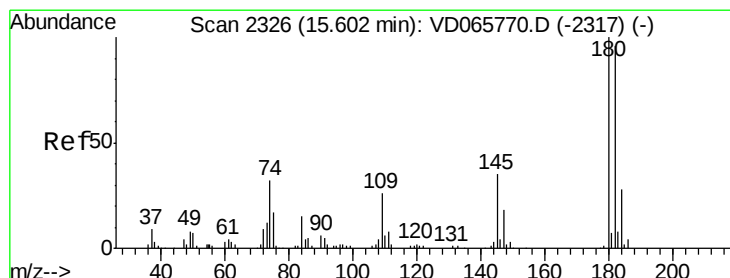
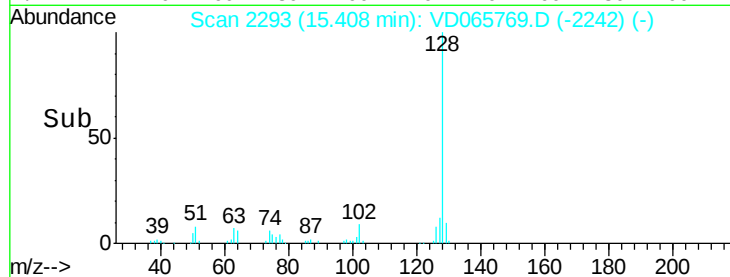
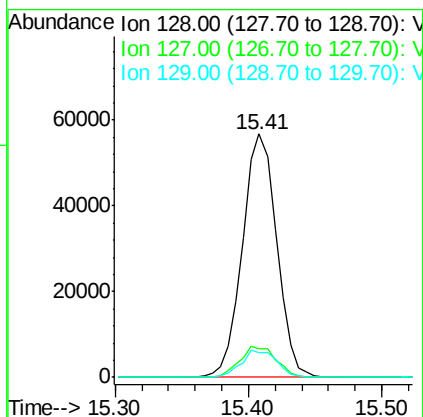
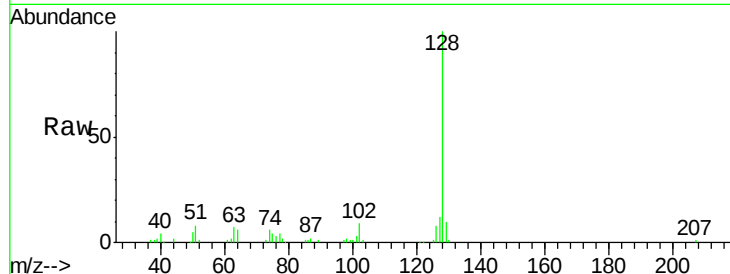
#95
Naphthalene
Concen: 20.98 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.4	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.16 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD065769.D
Acq: 05 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.0	141.2
145	30.7	16.2	48.6

