

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072325.D
 Acq On : 19 Mar 2022 08:52
 Operator : VA/SY
 Sample : N1972-08
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-5-5-9-10

Quant Time: Mar 21 01:29:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

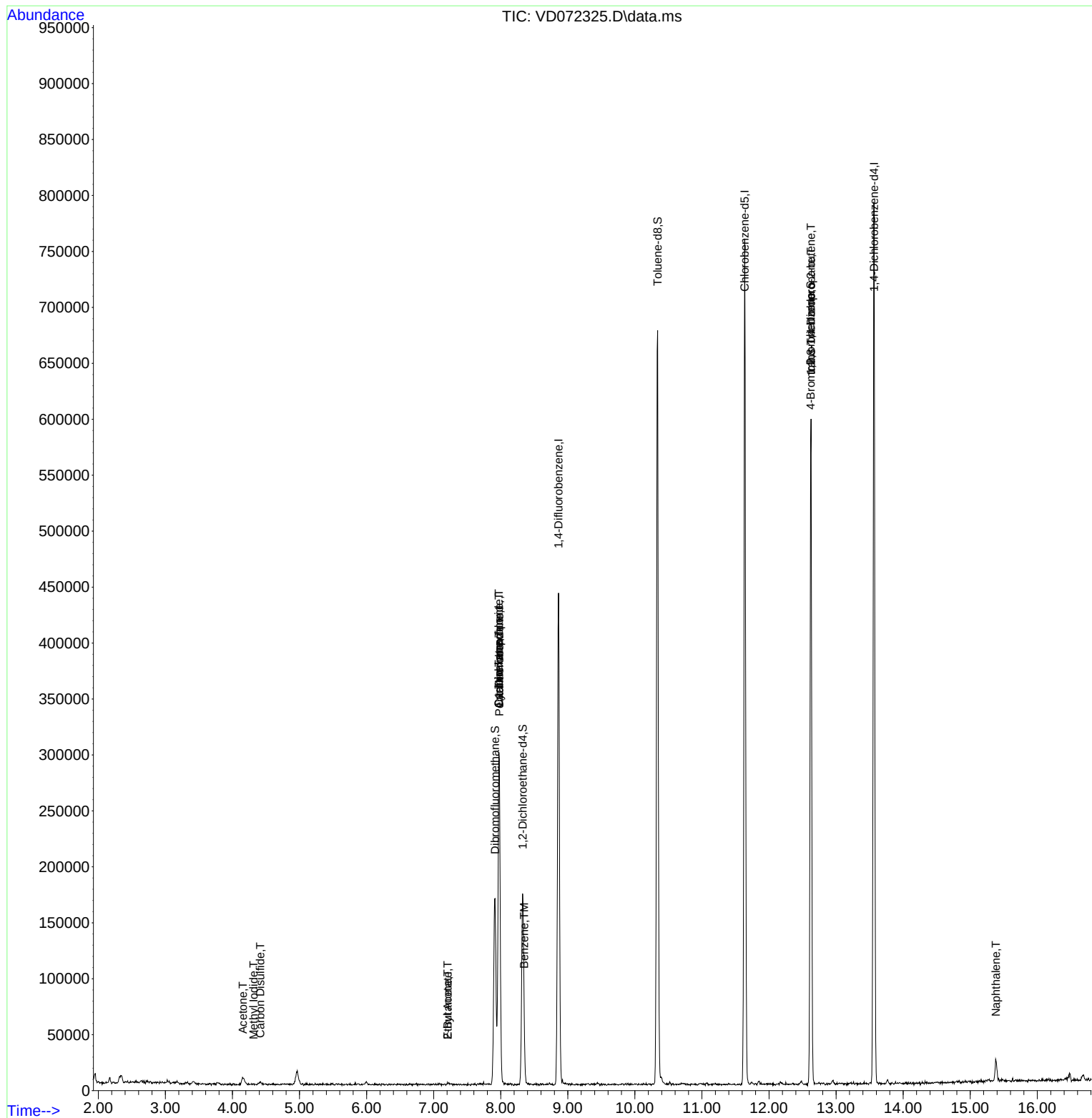
Internal Standards						
1) Pentafluorobenzene	7.979	168	215517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	361383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	407872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	206686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	136208	56.710	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.420%	
35) Dibromofluoromethane	7.914	113	122214	48.057	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.120%	
50) Toluene-d8	10.338	98	449355	48.324	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.640%	
62) 4-Bromofluorobenzene	12.620	95	199194	55.131	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.260%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.315	142	67	2.256	ug/l #	38
16) Acetone	4.156	43	11048	21.186	ug/l	98
17) Carbon Disulfide	4.415	76	4172	2.376	ug/l	96
20) Methylene Chloride	4.967	84	7789	Below Cal		91
25) 2-Butanone	7.209	43	2687	3.865	ug/l #	52
31) Cyclohexane	7.973	56	4567	1.217	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	18389	5.154	ug/l #	53
37) Ethyl Acetate	7.209	43	2687	1.719	ug/l #	72
38) Carbon Tetrachloride	7.973	117	21858	5.390	ug/l #	18
40) Benzene	8.350	78	10349	1.017	ug/l	92
76) 1,2,3-Trichloropropane	12.626	75	103672	45.472	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	103672	112.820	ug/l #	7
95) Naphthalene	15.385	128	17728	2.306	ug/l	99

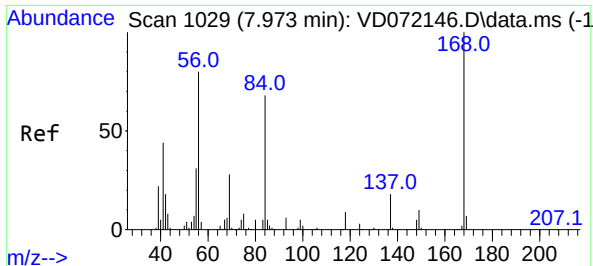
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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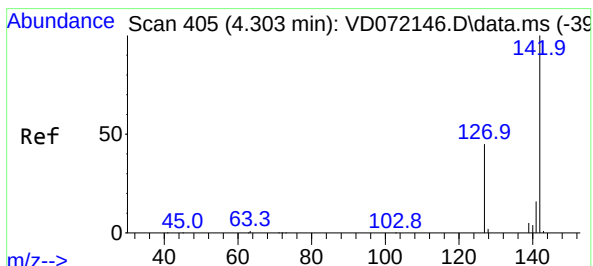
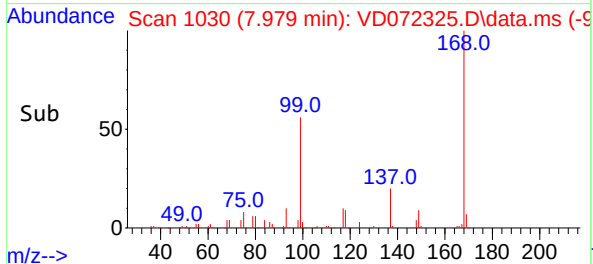
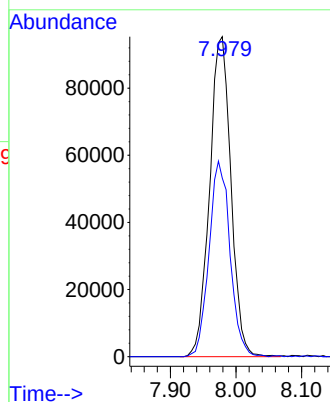
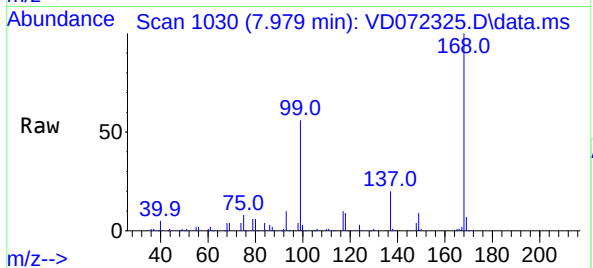




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

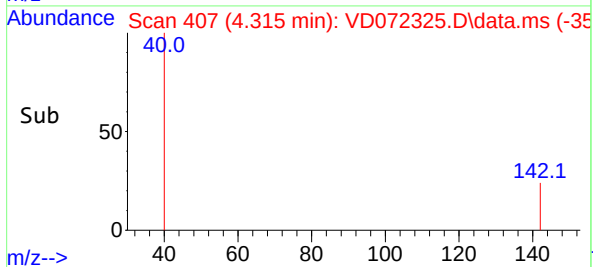
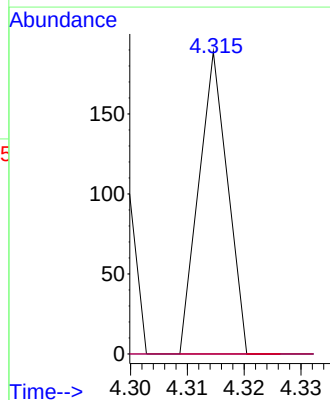
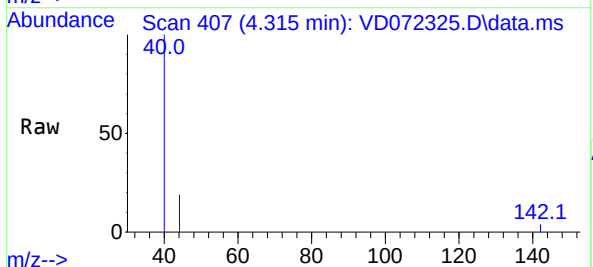
Instrument :
MSVOA_D
ClientSampleId :
G-5-5-9-10

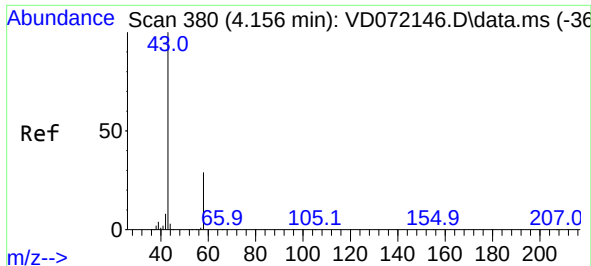
Tgt Ion:168 Resp: 215517
Ion Ratio Lower Upper
168 100
99 55.8 49.8 74.6



#10
Methyl Iodide
Concen: 2.256 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

Tgt Ion:142 Resp: 67
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

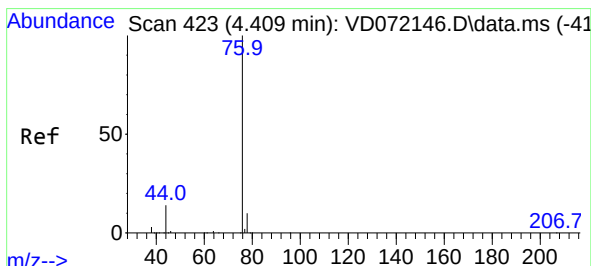
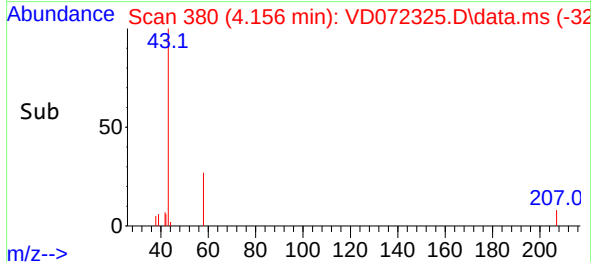
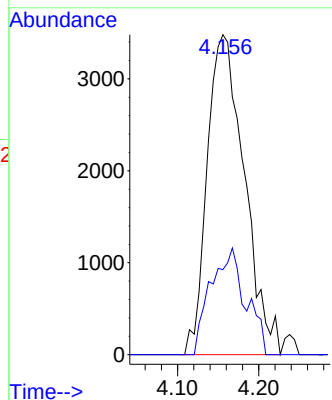
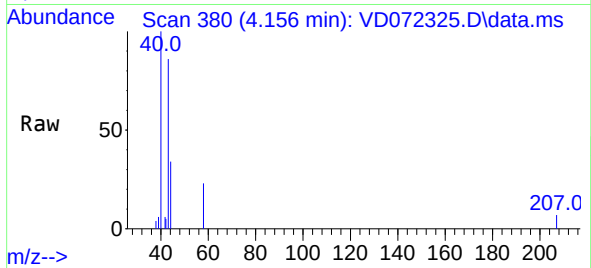




#16
Acetone
Concen: 21.186 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

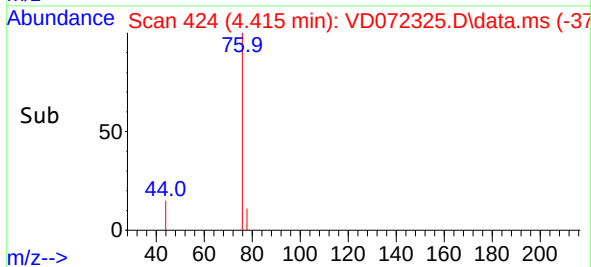
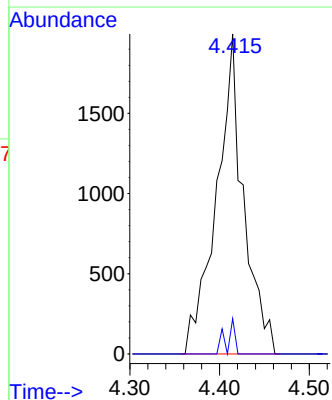
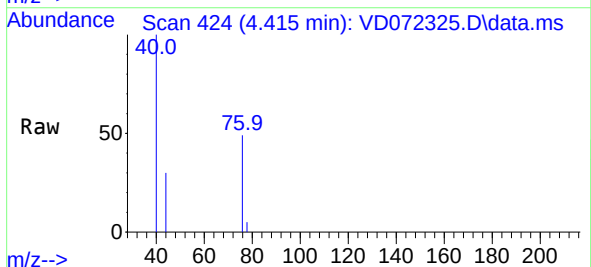
Instrument :
MSVOA_D
ClientSampleId :
G-5-5-9-10

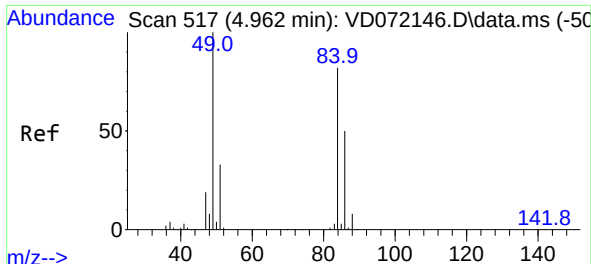
Tgt Ion: 43 Resp: 11048
Ion Ratio Lower Upper
43 100
58 26.6 22.1 33.1



#17
Carbon Disulfide
Concen: 2.376 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

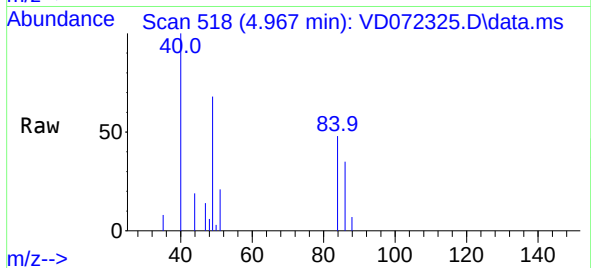
Tgt Ion: 76 Resp: 4172
Ion Ratio Lower Upper
76 100
78 11.0 7.5 11.3





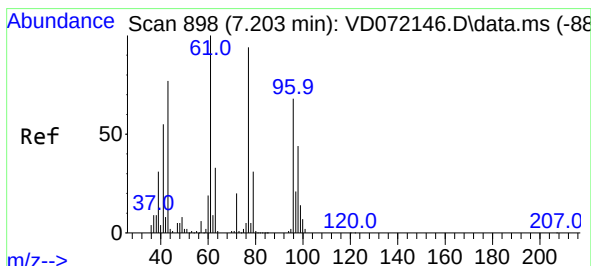
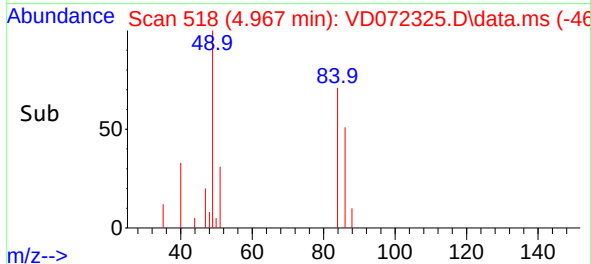
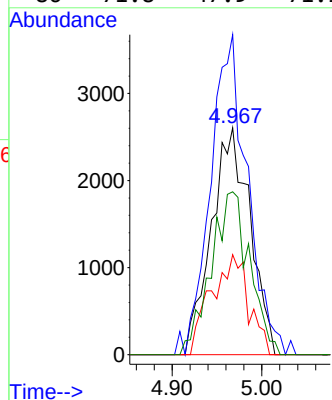
#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

Instrument :
MSVOA_D
ClientSampleId :
G-5-5-9-10



Tgt Ion: 84 Resp: 7789

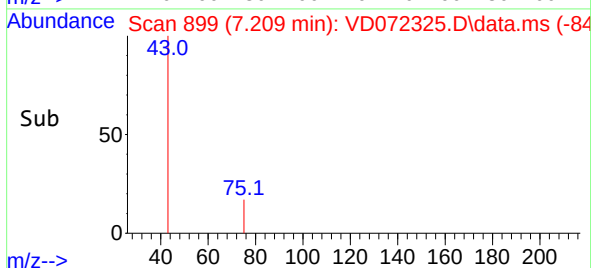
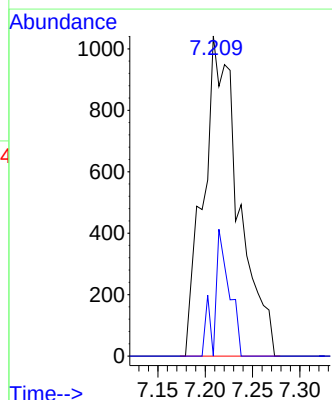
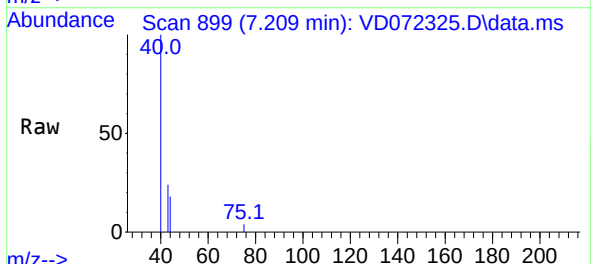
Ion	Ratio	Lower	Upper
84	100		
49	132.6	112.8	169.2
51	44.1	32.6	48.8
86	71.8	47.9	71.9

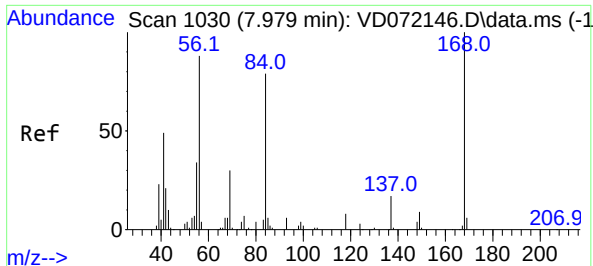


#25
2-Butanone
Concen: 3.865 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

Tgt Ion: 43 Resp: 2687

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#

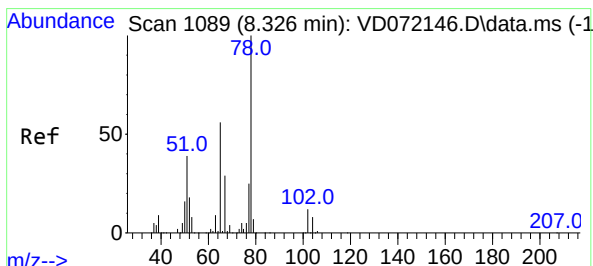
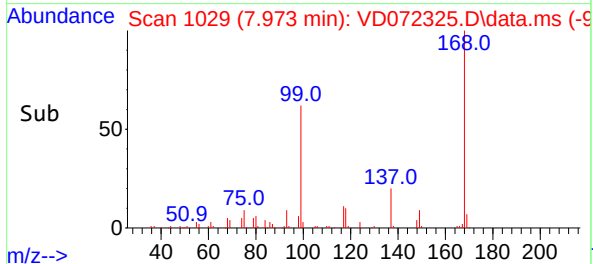
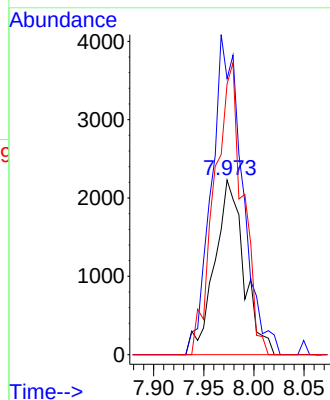
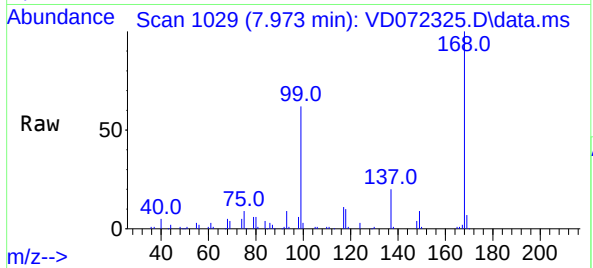




#31
Cyclohexane
Concen: 1.217 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

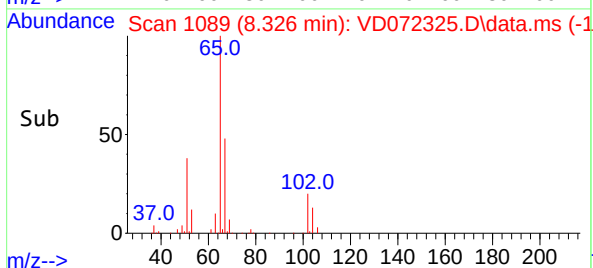
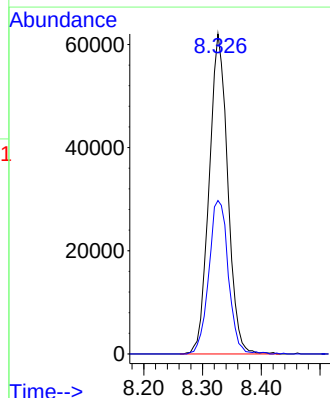
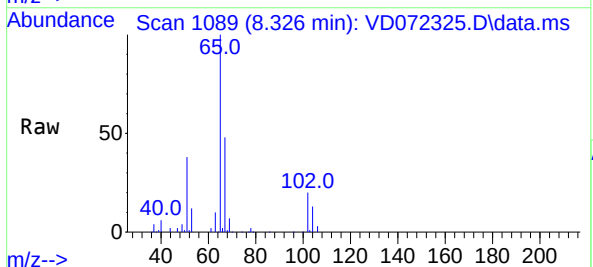
Instrument :
MSVOA_D
ClientSampleId :
G-5-5-9-10

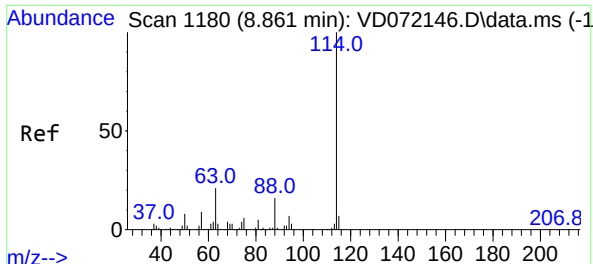
Tgt Ion: 56 Resp: 4567
Ion Ratio Lower Upper
56 100
69 158.0 25.4 38.2#
84 167.8 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 56.710 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

Tgt Ion: 65 Resp: 136208
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072325.D

Acq: 19 Mar 2022 08:52

Instrument :

MSVOA_D

ClientSampleId :

G-5-5-9-10

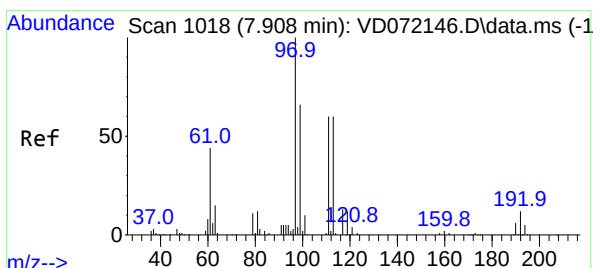
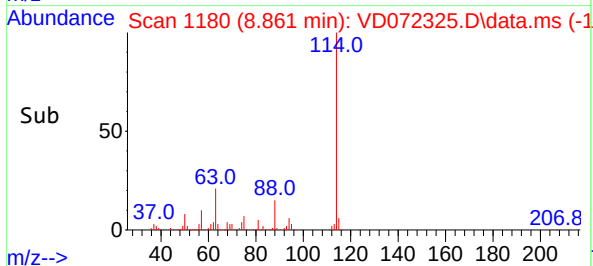
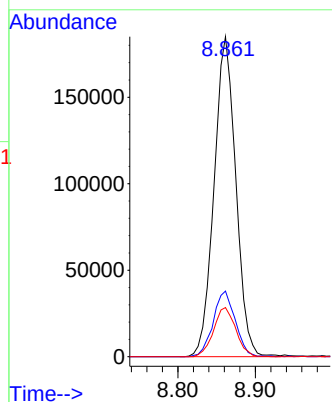
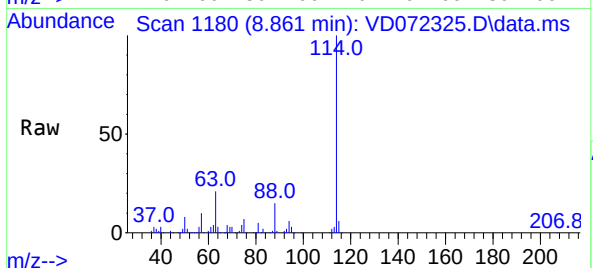
Tgt Ion:114 Resp: 361383

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.057 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072325.D

Acq: 19 Mar 2022 08:52

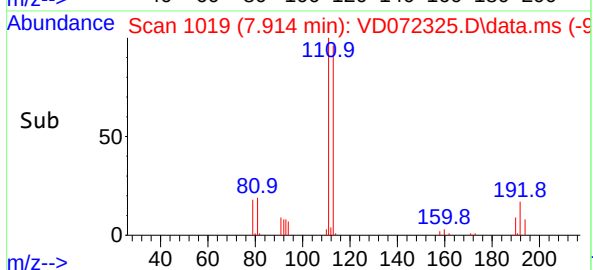
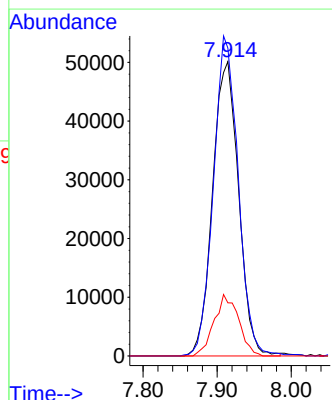
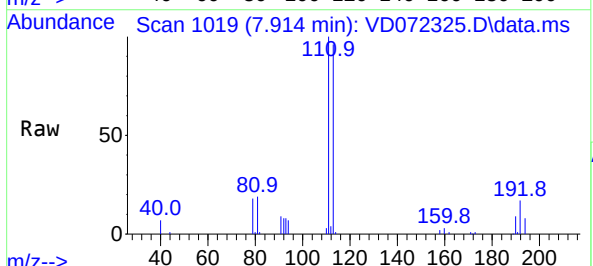
Tgt Ion:113 Resp: 122214

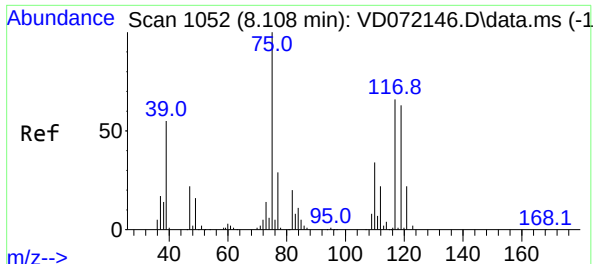
Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 19.7 14.6 21.8

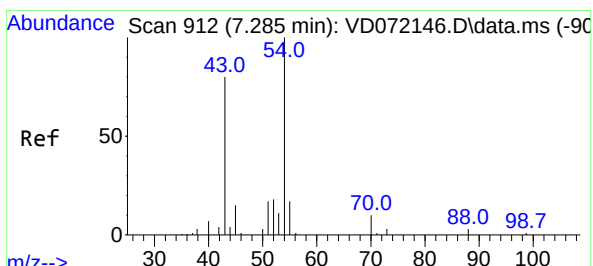
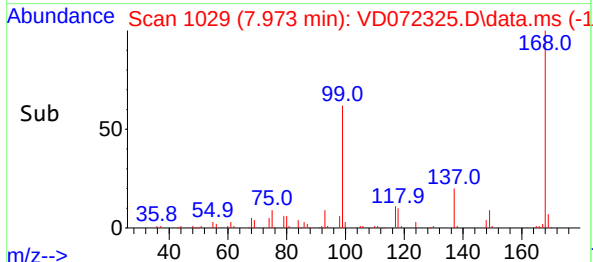
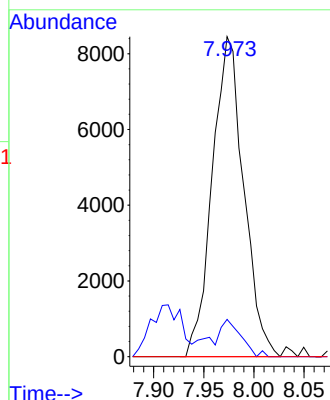
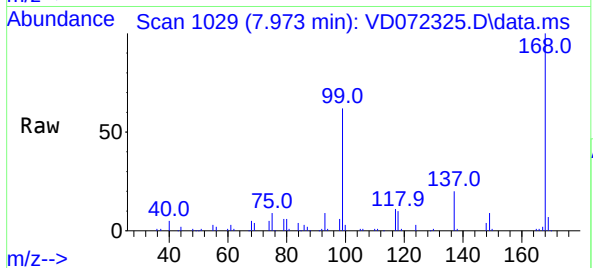




#36
1,1-Dichloropropene
Concen: 5.154 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

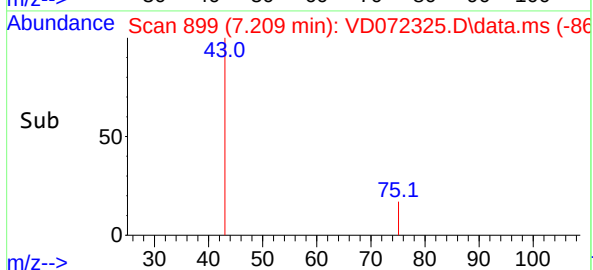
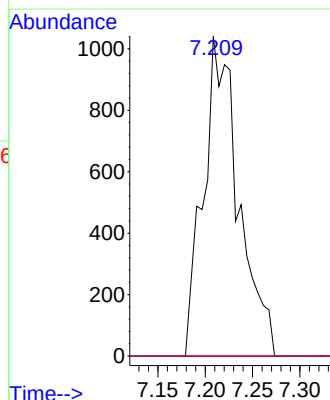
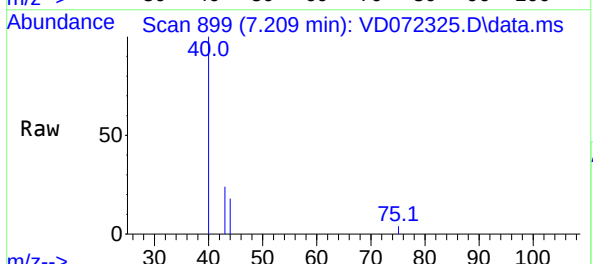
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G-5-5-9-10

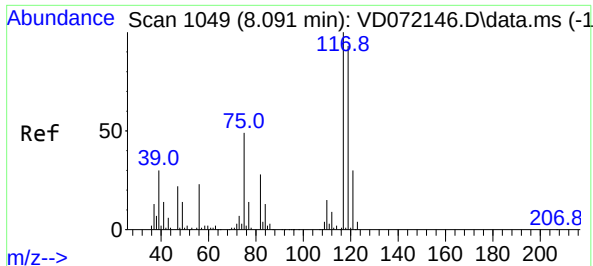
Tgt Ion: 75 Resp: 18389
Ion Ratio Lower Upper
75 100
110 10.9 16.4 49.1#
77 0.0 24.2 36.2#



#37
Ethyl Acetate
Concen: 1.719 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.076 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

Tgt Ion: 43 Resp: 2687
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 6.9 10.3#

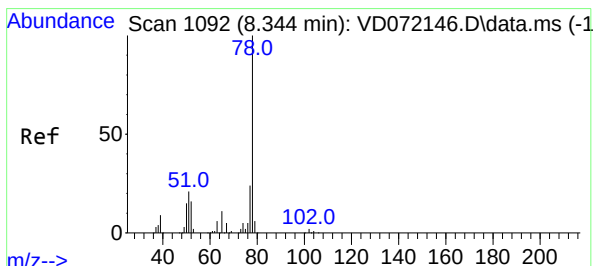
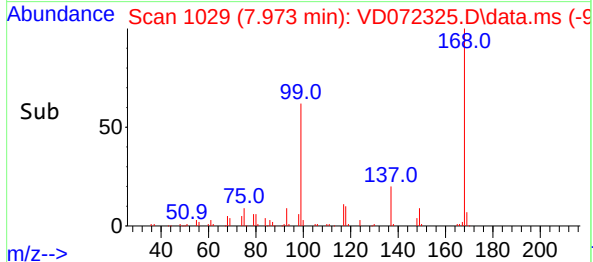
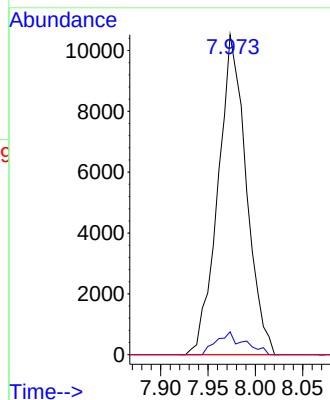
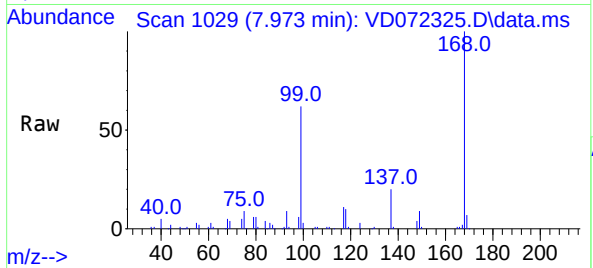




#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

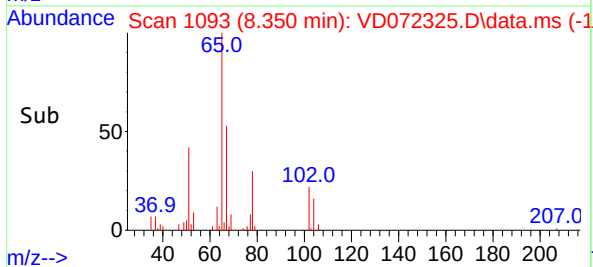
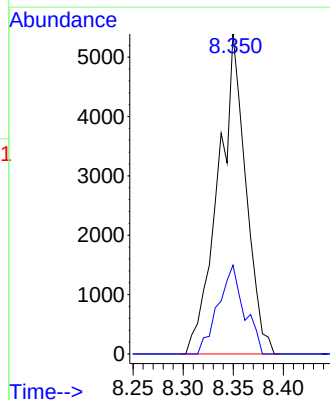
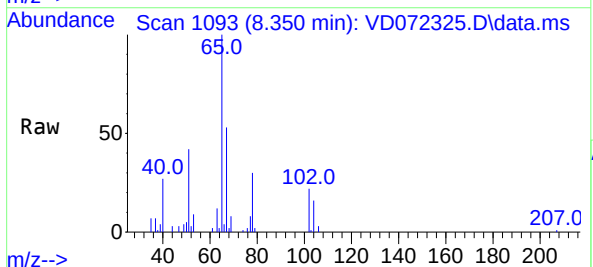
Instrument :
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G-5-5-9-10

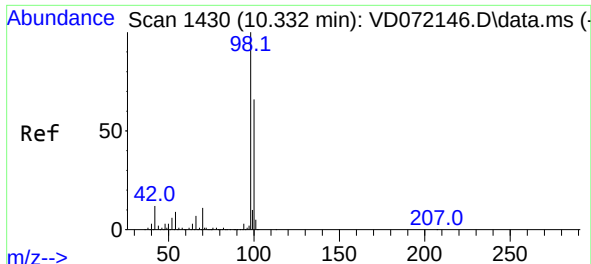
Tgt Ion:117 Resp: 21858
Ion Ratio Lower Upper
117 100
119 7.1 75.8 113.6#
121 0.0 24.5 36.7#



#40
Benzene
Concen: 1.017 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

Tgt Ion: 78 Resp: 10349
Ion Ratio Lower Upper
78 100
77 27.8 19.1 28.7

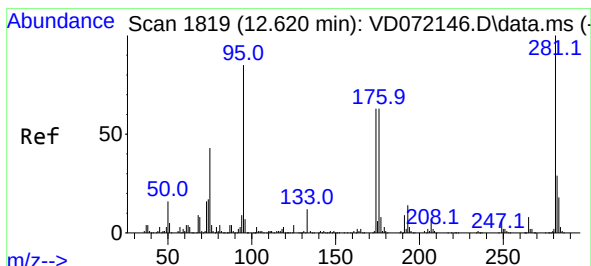
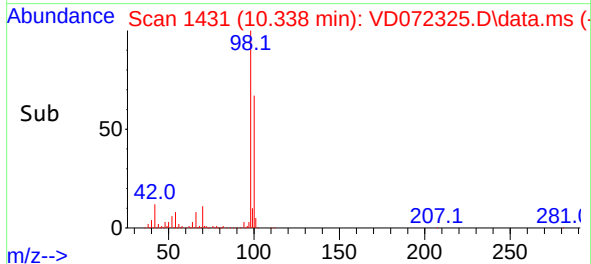
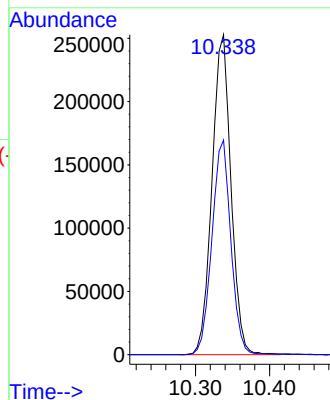
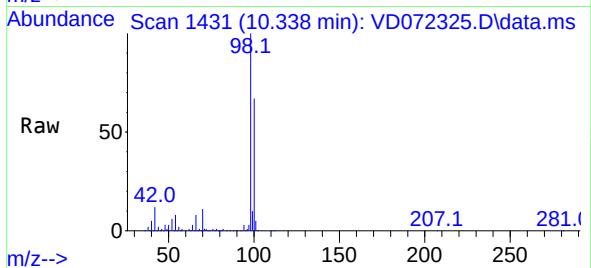




#50
Toluene-d8
Concen: 48.324 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

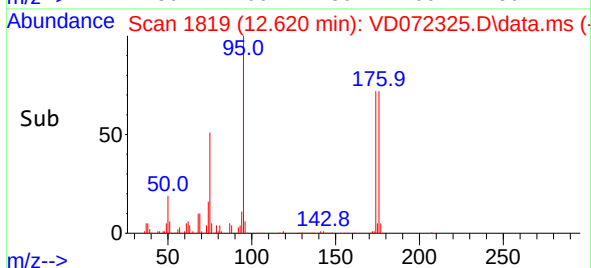
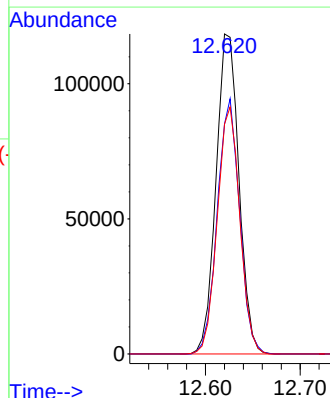
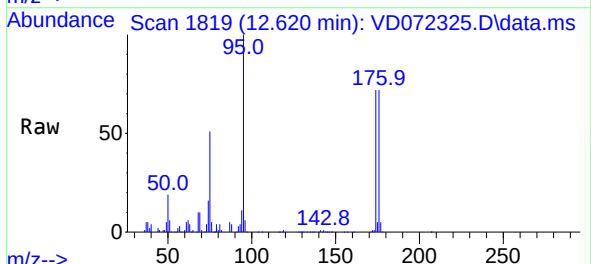
Instrument :
MSVOA_D
ClientSampleId :
G-5-5-9-10

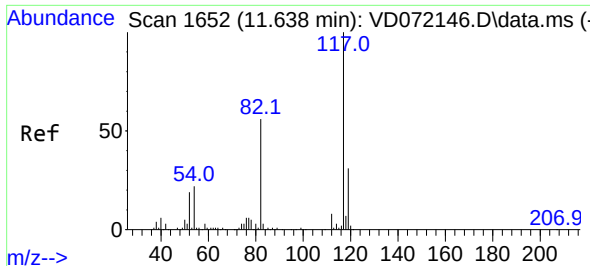
Tgt Ion: 98 Resp: 449355
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.131 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

Tgt Ion: 95 Resp: 199194
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 75.8 0.0 145.4

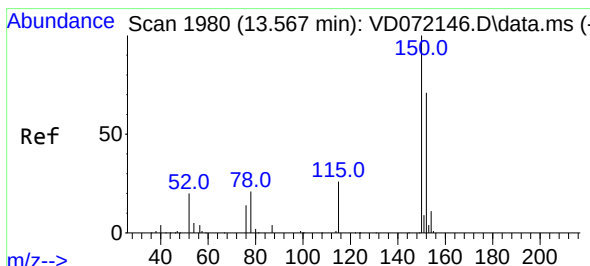
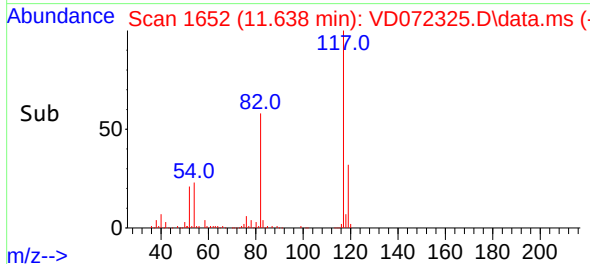
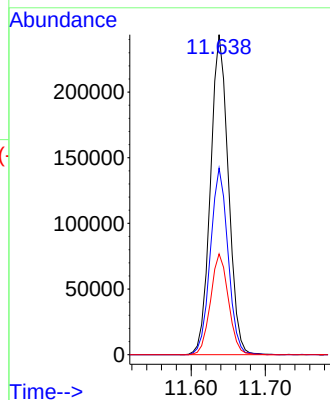
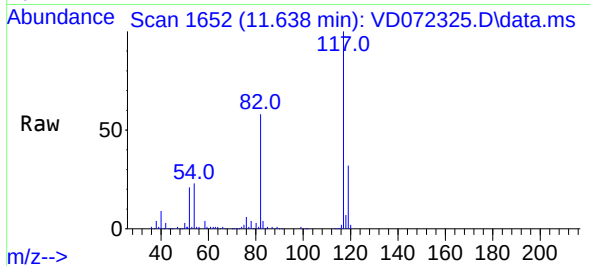




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

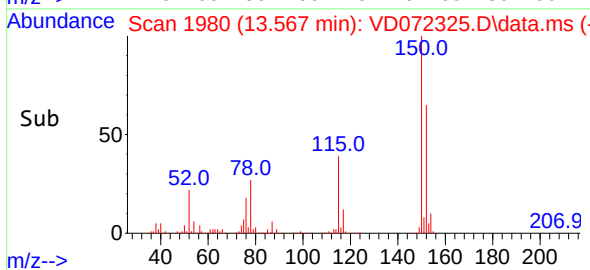
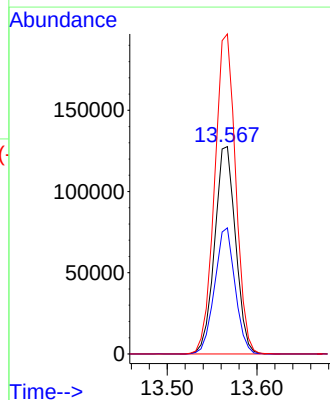
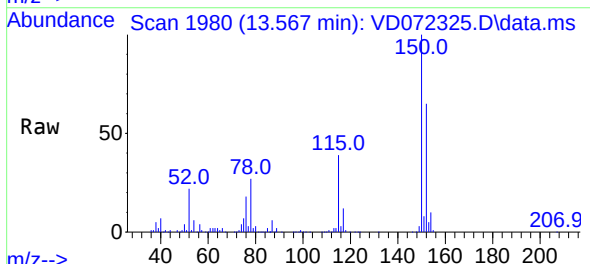
Instrument :
MSVOA_D
ClientSampleId :
G-5-5-9-10

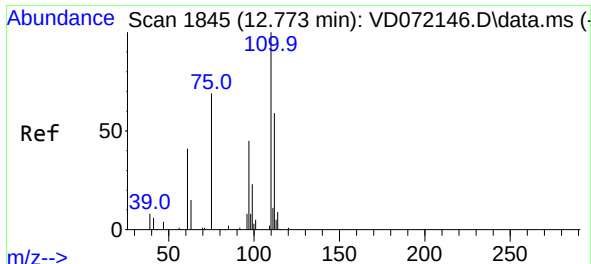
Tgt Ion:	117	Resp:	407872
Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.3	67.9
119	31.5	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

Tgt Ion:	152	Resp:	206686
Ion	Ratio	Lower	Upper
152	100		
115	59.5	31.3	93.8
150	155.1	0.0	348.6

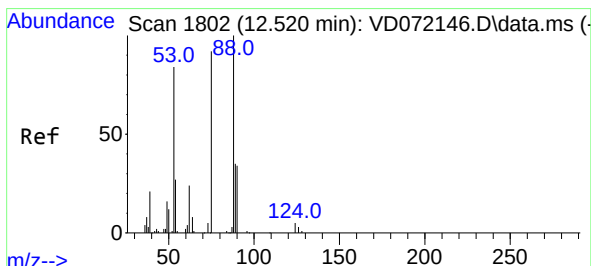
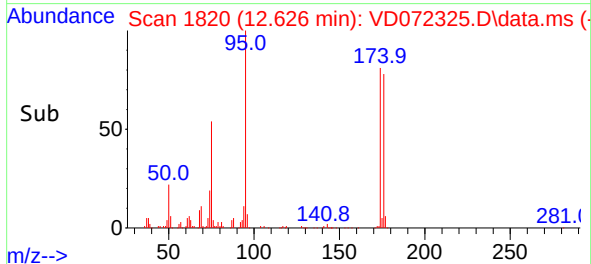
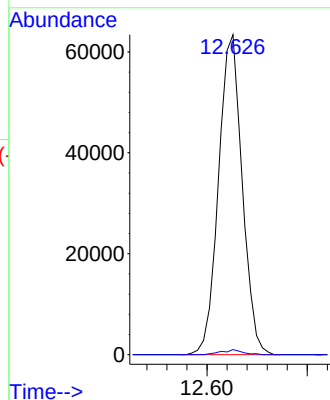
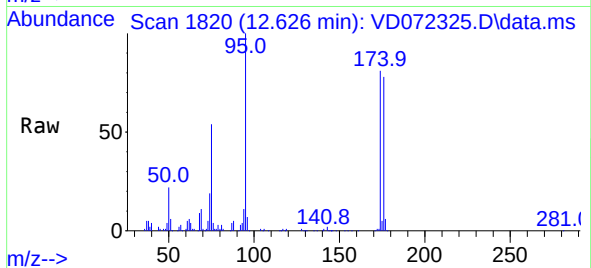




#76
1,2,3-Trichloropropane
Concen: 45.472 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

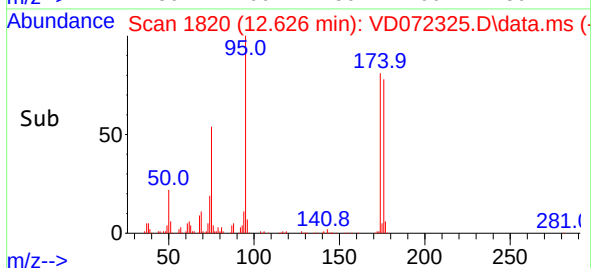
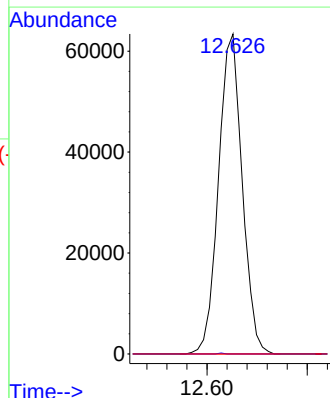
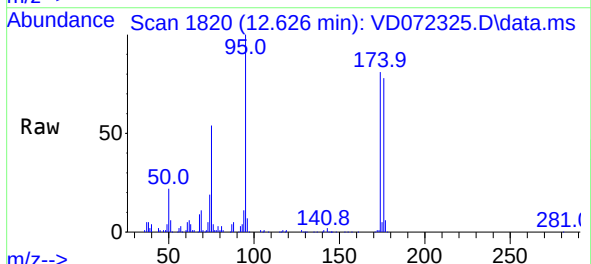
Instrument :
MSVOA_D
ClientSampleId :
G-5-5-9-10

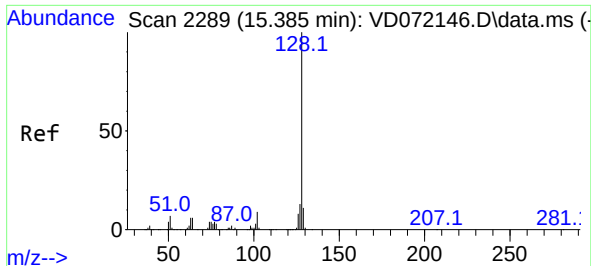
Tgt Ion: 75 Resp: 103672
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.820 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

Tgt Ion: 75 Resp: 103672
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 2.306 ug/l

RT: 15.385 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072325.D

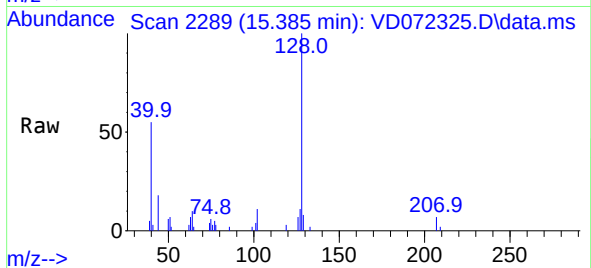
Acq: 19 Mar 2022 08:52

Instrument :

MSVOA_D

ClientSampleId :

G-5-5-9-10



Tgt Ion:128 Resp: 17728

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 9.7 8.4 12.6

