

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072421.D
 Acq On : 25 Mar 2022 10:53
 Operator : VA/SY
 Sample : VD0325SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0325SBL01

Quant Time: Mar 26 00:07:52 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)

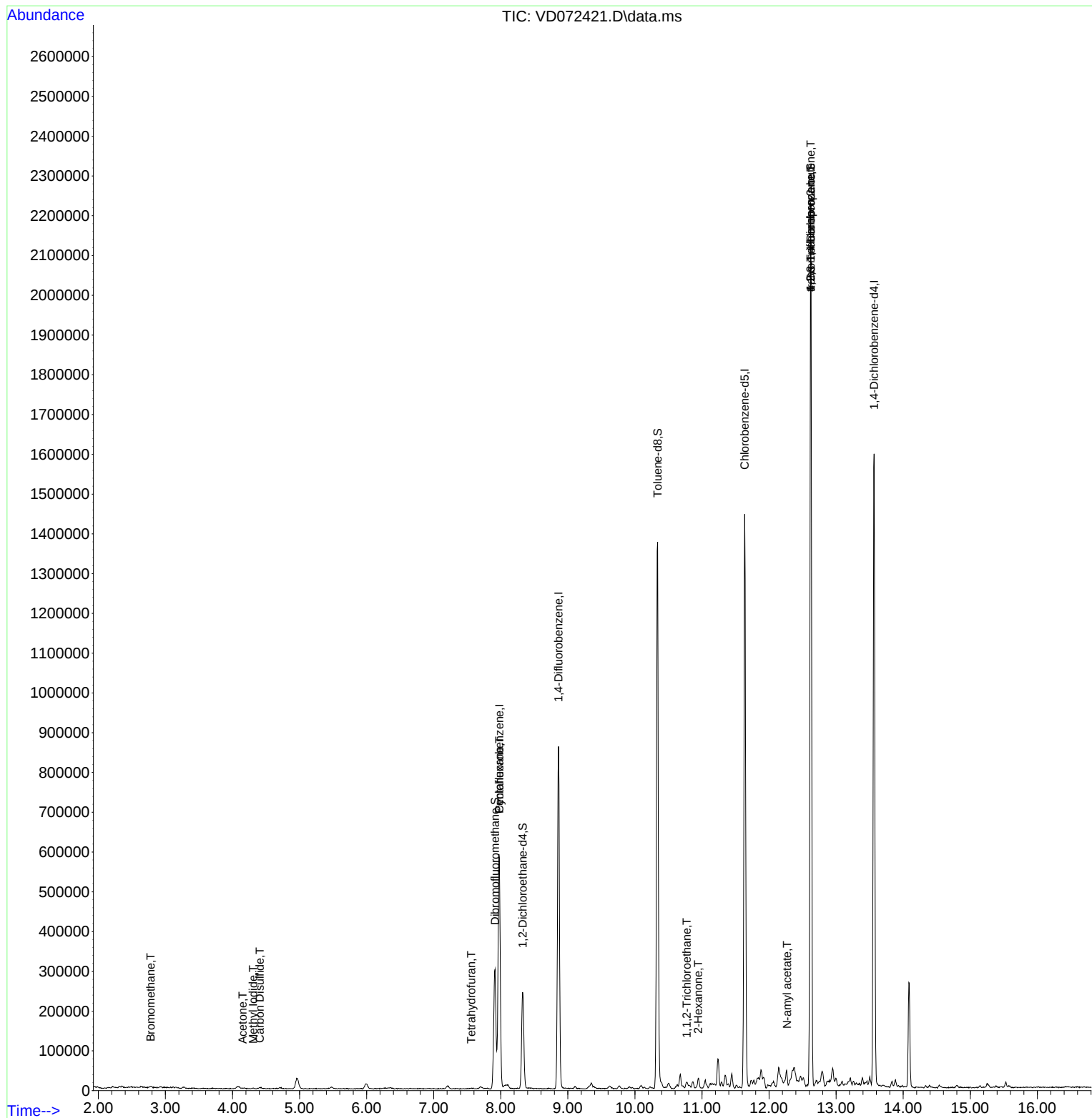
Internal Standards						
1) Pentafluorobenzene	7.979	168	425137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	713760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	827810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	427561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	196935	41.566	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.140%		
35) Dibromofluoromethane	7.914	113	217703	43.343	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.680%		
50) Toluene-d8	10.338	98	912350	49.676	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.360%		
62) 4-Bromofluorobenzene	12.620	95	436587	61.180	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	122.360%		
Target Compounds						Qvalue
5) Bromomethane	2.779	94	2284	1.040	ug/l	100
10) Methyl Iodide	4.309	142	2120	2.692	ug/l #	63
16) Acetone	4.150	43	1790	1.740	ug/l #	87
17) Carbon Disulfide	4.409	76	5947	2.133	ug/l #	93
20) Methylene Chloride	4.956	84	20364	Below Cal	#	82
29) Tetrahydrofuran	7.561	42	966	1.198	ug/l #	66
31) Cyclohexane	7.979	56	13859	1.872	ug/l #	26
55) 1,1,2-Trichloroethane	10.773	97	6119	1.481	ug/l #	25
59) 2-Hexanone	10.944	43	9882	4.547	ug/l #	28
74) N-amyl acetate	12.267	43	9554	1.312	ug/l #	81
76) 1,2,3-Trichloropropane	12.620	75	235860	50.009	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	235860	124.077	ug/l #	8

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

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ClientSampleId :
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Quant Time: Mar 26 00:07:52 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

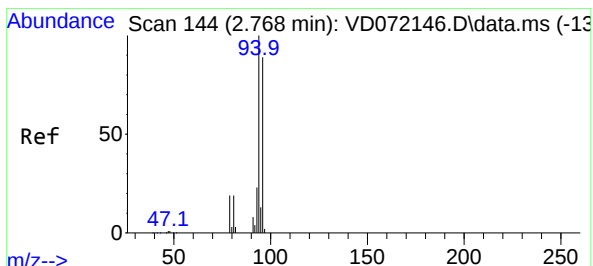
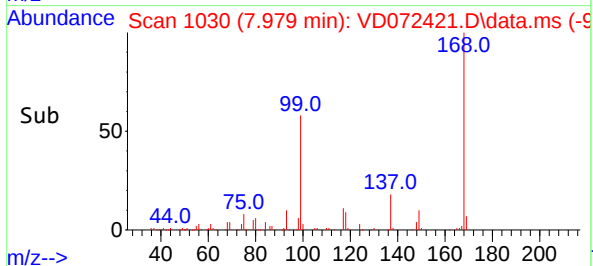
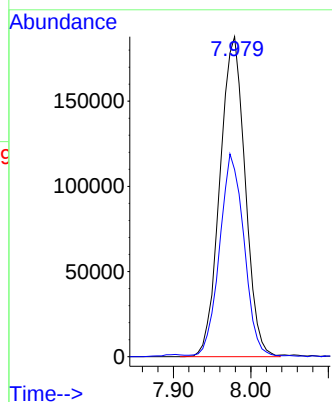
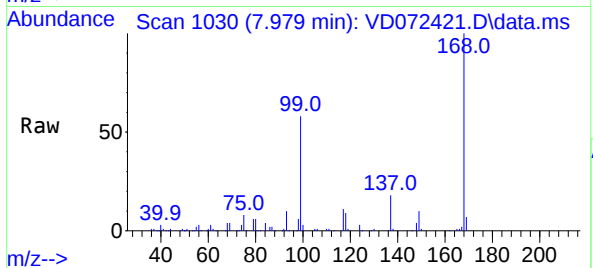




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072421.D
Acq: 25 Mar 2022 10:53

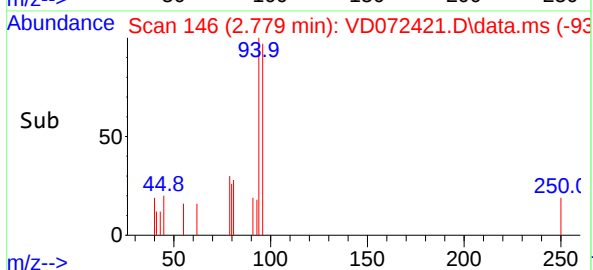
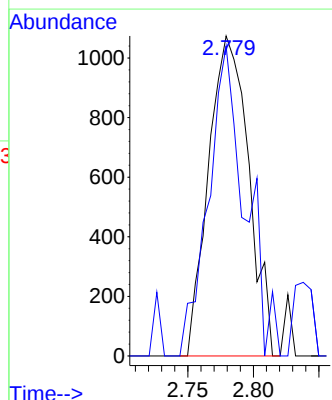
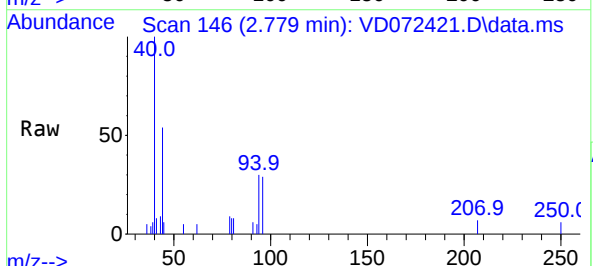
Instrument :
MSVOA_D
ClientSampleId :
VD0325SBL01

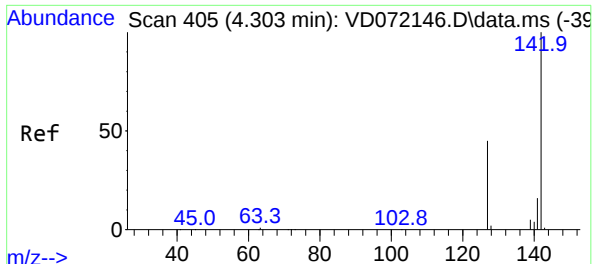
Tgt Ion:168 Resp: 425137
Ion Ratio Lower Upper
168 100
99 58.1 49.8 74.6



#5
Bromomethane
Concen: 1.040 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD072421.D
Acq: 25 Mar 2022 10:53

Tgt Ion: 94 Resp: 2284
Ion Ratio Lower Upper
94 100
96 96.8 77.6 116.4

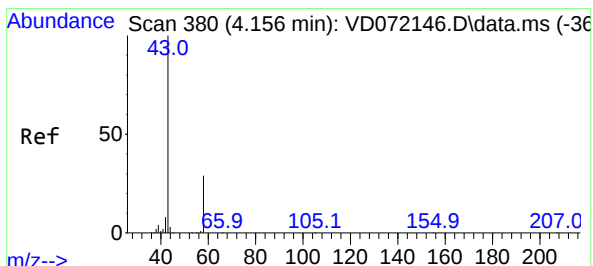
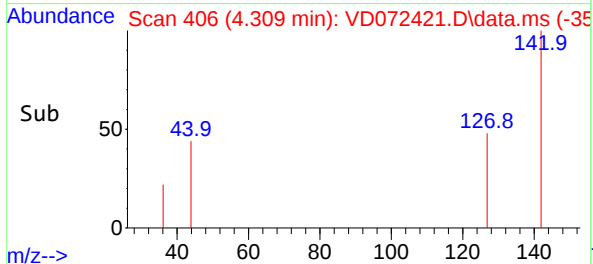
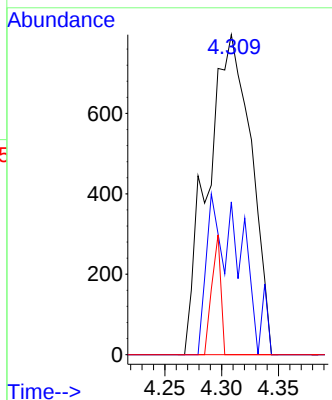
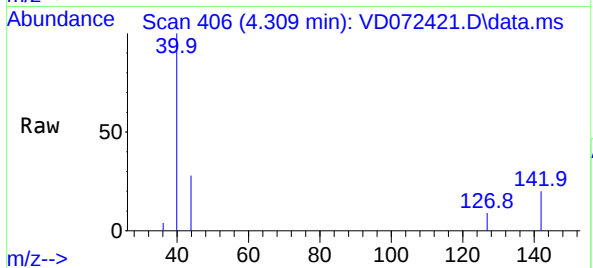




#10
Methyl Iodide
Concen: 2.692 ug/l
RT: 4.309 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD072421.D
Acq: 25 Mar 2022 10:53

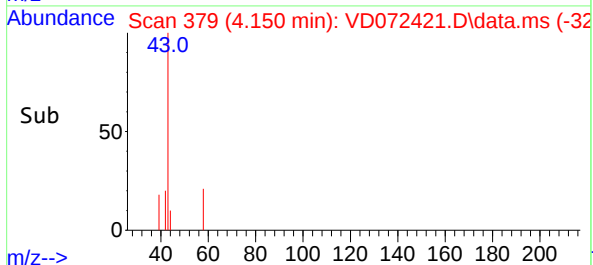
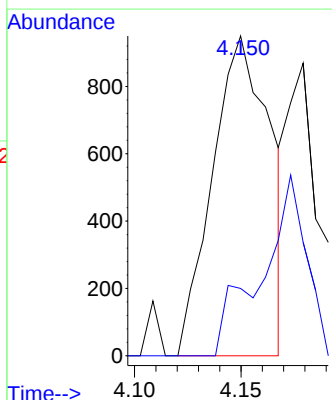
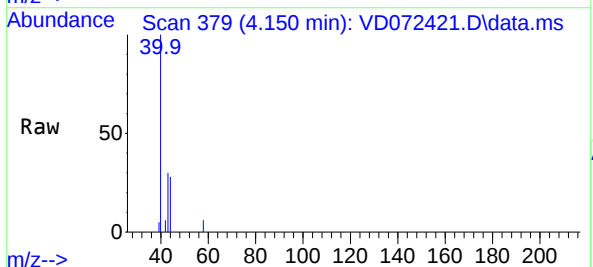
Instrument :
MSVOA_D
ClientSampleId :
VD0325SBL01

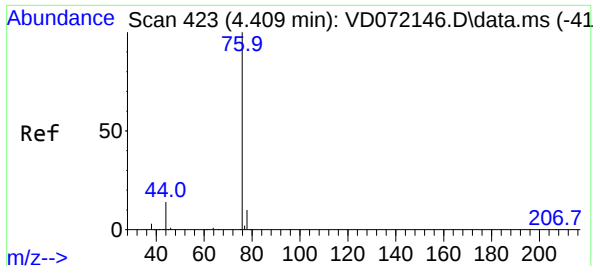
Tgt Ion:142 Resp: 2120
Ion Ratio Lower Upper
142 100
127 18.2 37.3 55.9#
141 7.7 11.7 17.5#



#16
Acetone
Concen: 1.740 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072421.D
Acq: 25 Mar 2022 10:53

Tgt Ion: 43 Resp: 1790
Ion Ratio Lower Upper
43 100
58 21.1 22.1 33.1#

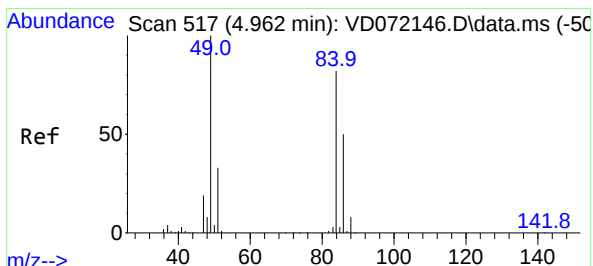
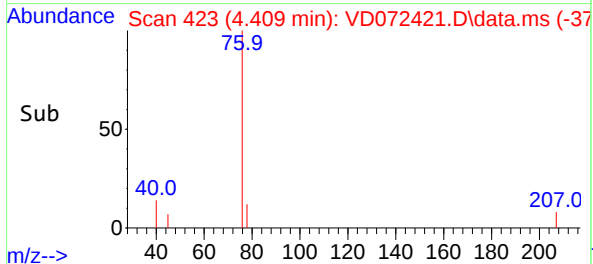
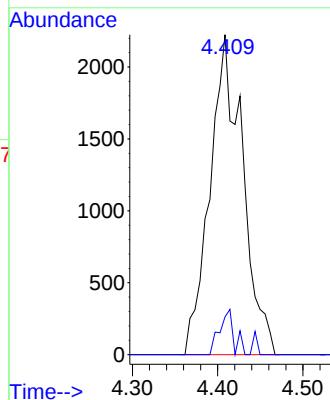
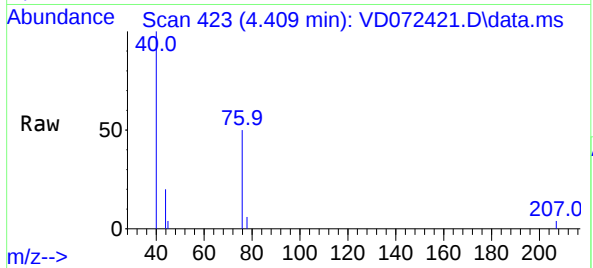




#17
Carbon Disulfide
Concen: 2.133 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072421.D
Acq: 25 Mar 2022 10:53

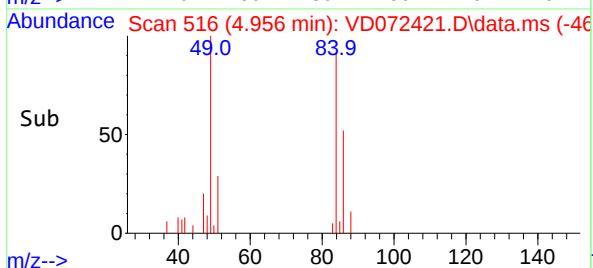
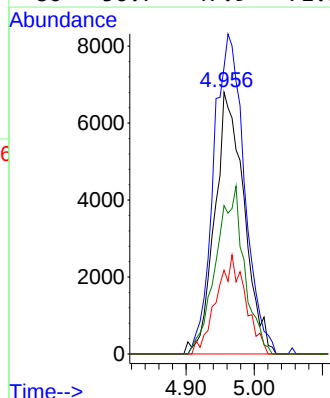
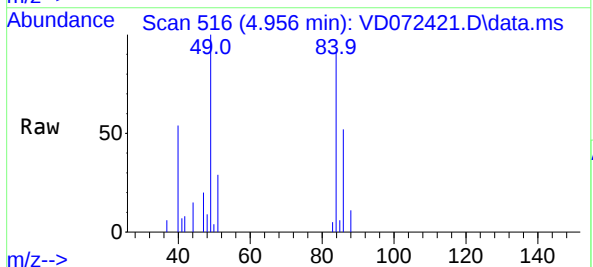
Instrument :
MSVOA_D
ClientSampleId :
VD0325SBL01

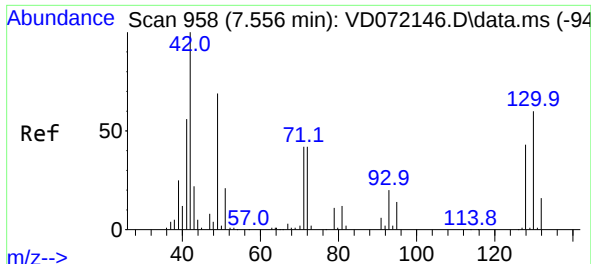
Tgt Ion: 76 Resp: 5947
Ion Ratio Lower Upper
76 100
78 11.8 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072421.D
Acq: 25 Mar 2022 10:53

Tgt Ion: 84 Resp: 20364
Ion Ratio Lower Upper
84 100
49 109.6 112.8 169.2#
51 32.0 32.6 48.8#
86 56.7 47.9 71.9





#29

Tetrahydrofuran

Concen: 1.198 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072421.D

Acq: 25 Mar 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0325SBL01

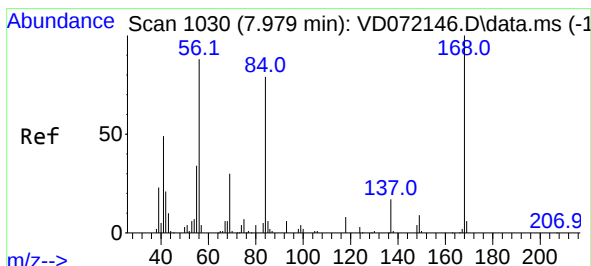
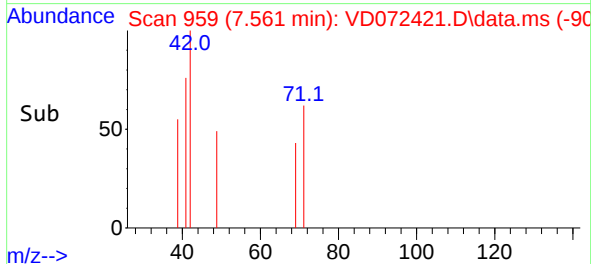
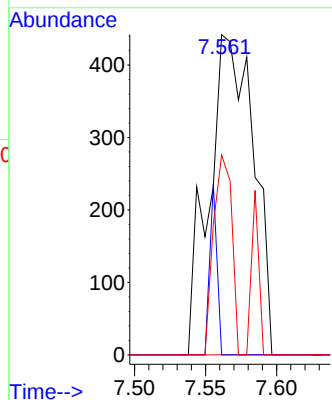
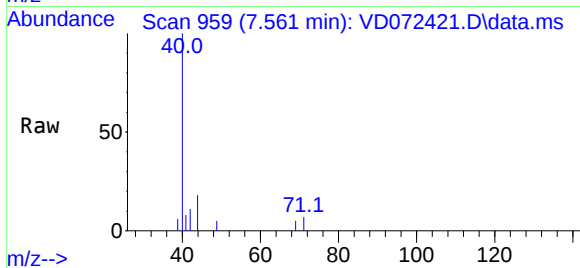
Tgt Ion: 42 Resp: 966

Ion Ratio Lower Upper

42 100

72 8.6 30.7 46.1#

71 25.5 28.6 43.0#



#31

Cyclohexane

Concen: 1.872 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072421.D

Acq: 25 Mar 2022 10:53

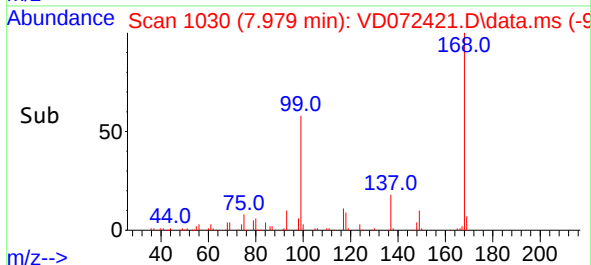
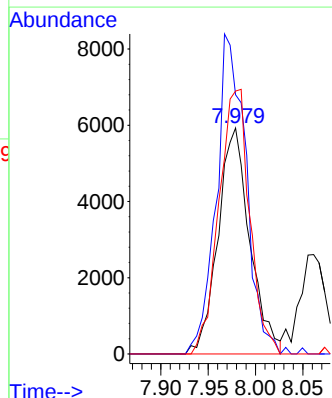
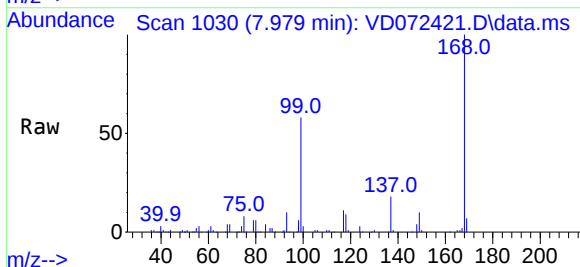
Tgt Ion: 56 Resp: 13859

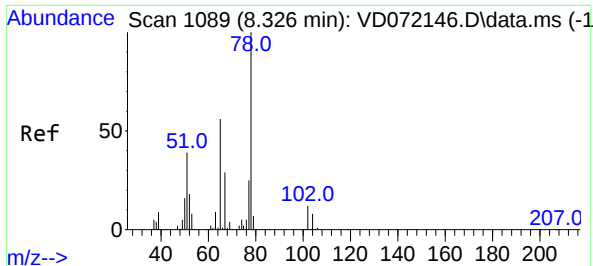
Ion Ratio Lower Upper

56 100

69 114.7 25.4 38.2#

84 116.4 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 41.566 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072421.D

Acq: 25 Mar 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

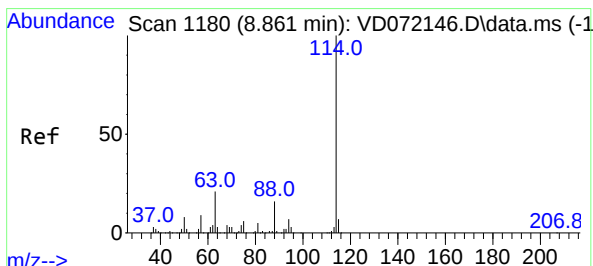
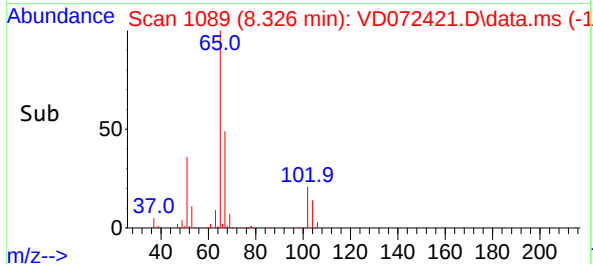
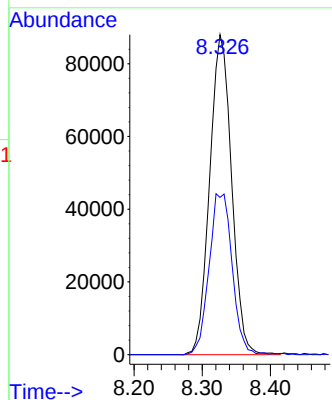
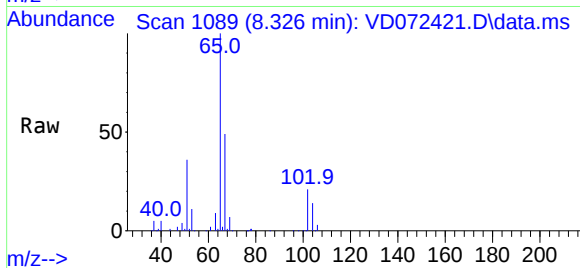
VD0325SBL01

Tgt Ion: 65 Resp: 196935

Ion Ratio Lower Upper

65 100

67 53.1 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: VD072421.D

Acq: 25 Mar 2022 10:53

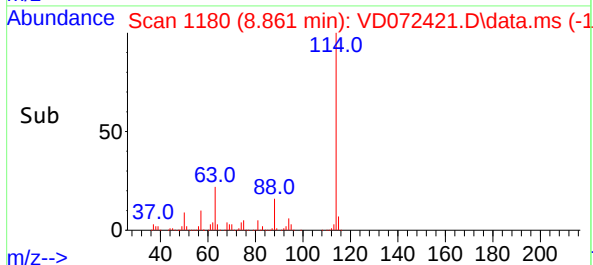
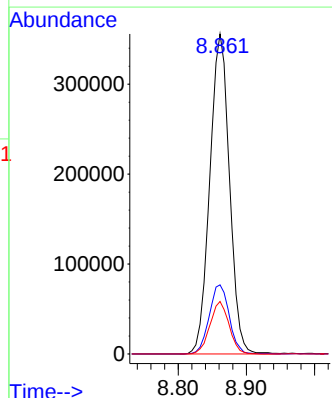
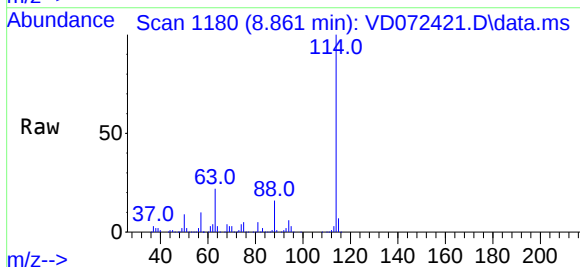
Tgt Ion: 114 Resp: 713760

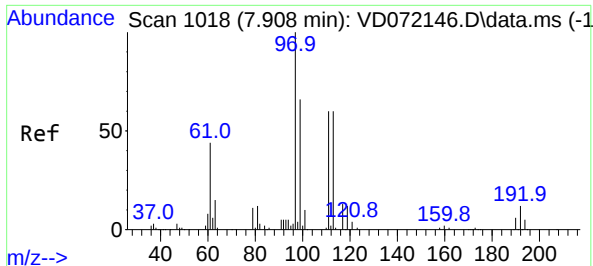
Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 16.4 0.0 33.2

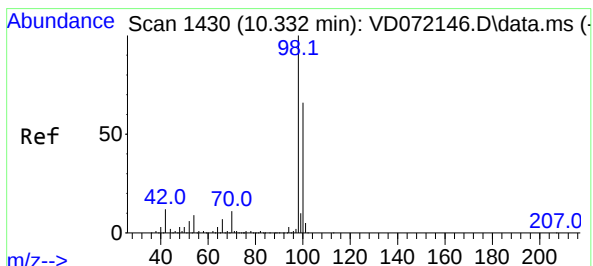
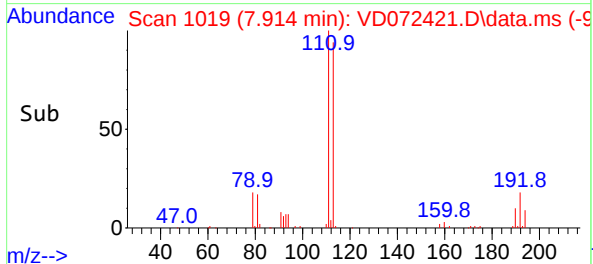
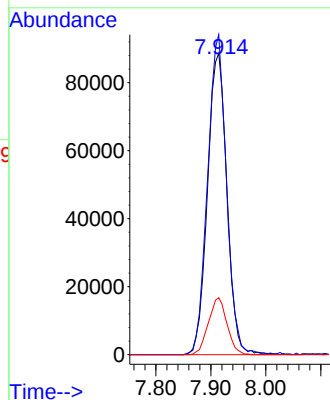
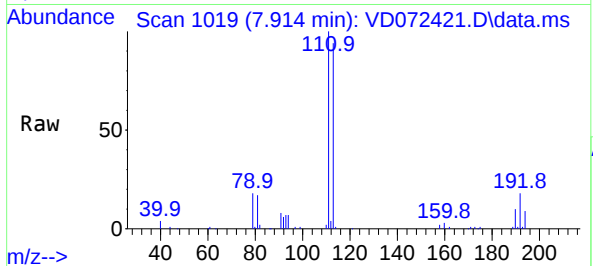




#35
Dibromofluoromethane
Concen: 43.343 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072421.D
Acq: 25 Mar 2022 10:53

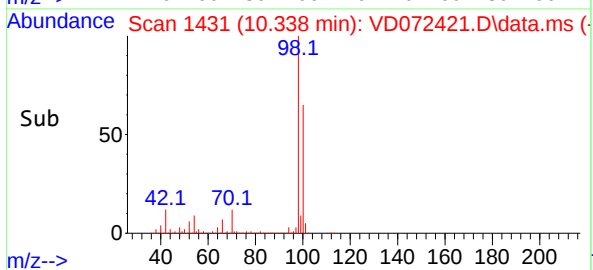
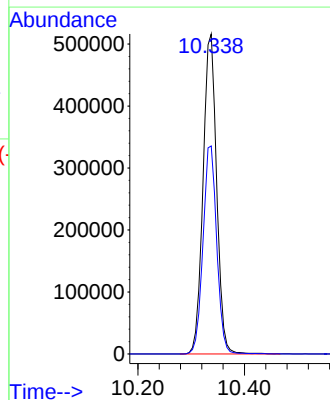
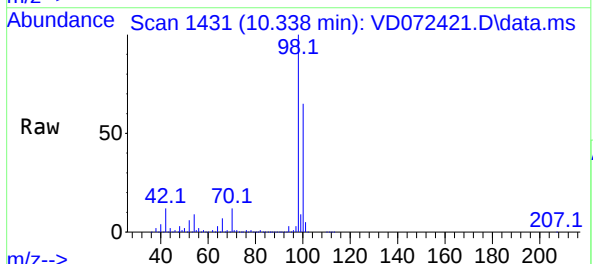
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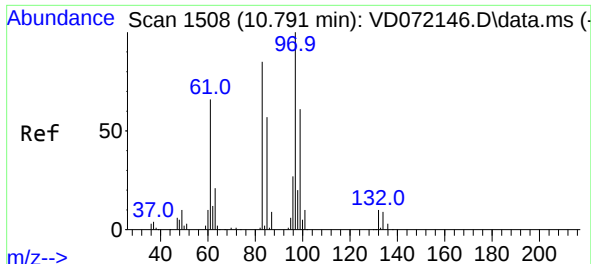
Tgt Ion:113 Resp: 217703
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 18.1 14.6 21.8



#50
Toluene-d8
Concen: 49.676 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072421.D
Acq: 25 Mar 2022 10:53

Tgt Ion: 98 Resp: 912350
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6

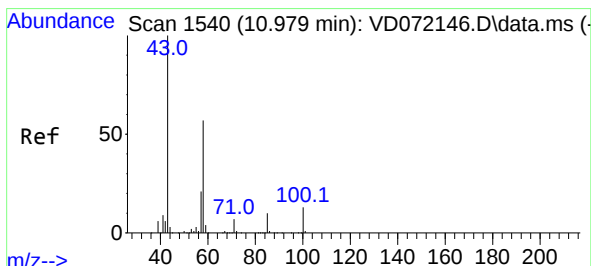
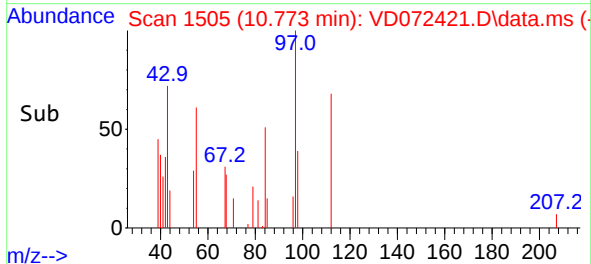
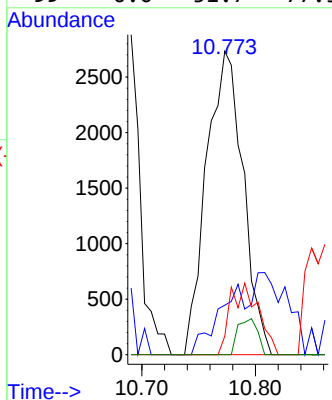
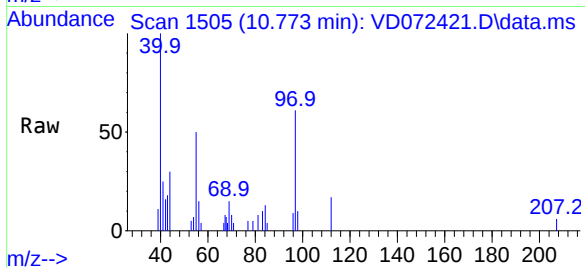




#55
1,1,2-Trichloroethane
Concen: 1.481 ug/l
RT: 10.773 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD072421.D
Acq: 25 Mar 2022 10:53

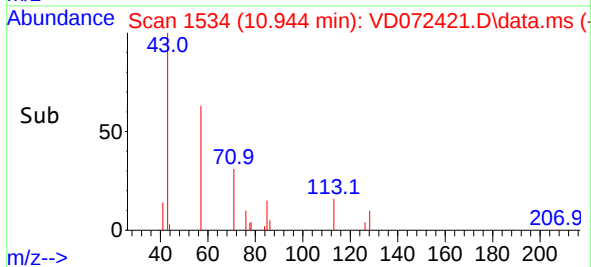
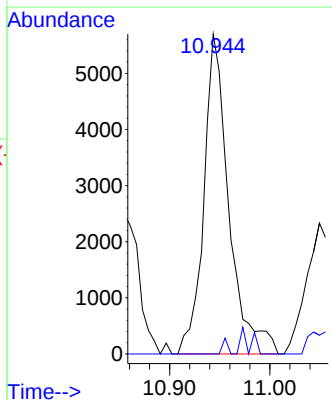
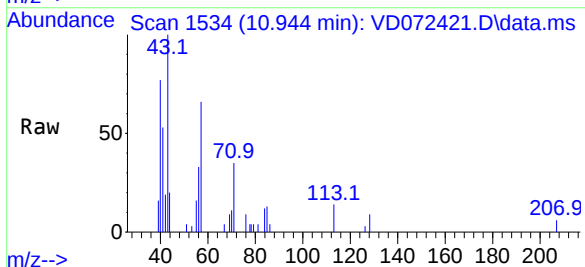
Instrument :
MSVOA_D
ClientSampleId :
VD0325SBL01

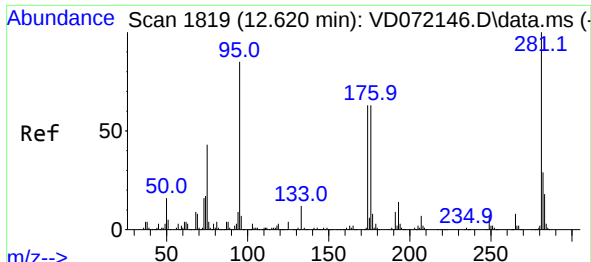
Tgt Ion:	97	Resp:	6119
Ion	Ratio	Lower	Upper
97	100		
83	16.3	69.0	103.4#
85	6.1	42.6	63.8#
99	0.0	51.7	77.5#



#59
2-Hexanone
Concen: 4.547 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.035 min
Lab File: VD072421.D
Acq: 25 Mar 2022 10:53

Tgt Ion:	43	Resp:	9882
Ion	Ratio	Lower	Upper
43	100		
58	1.0	25.3	75.9#

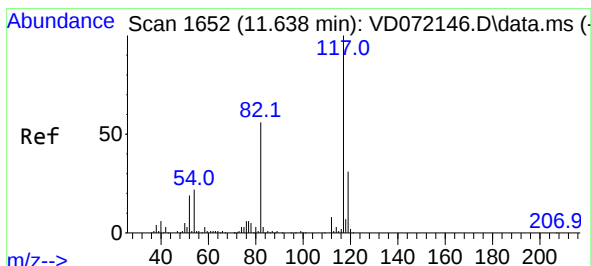
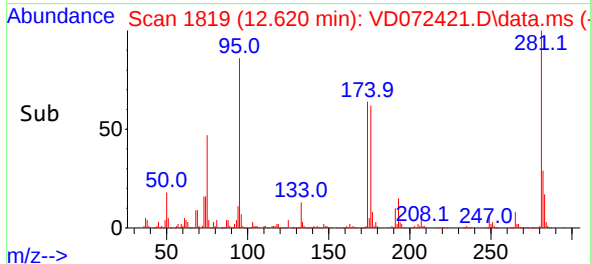
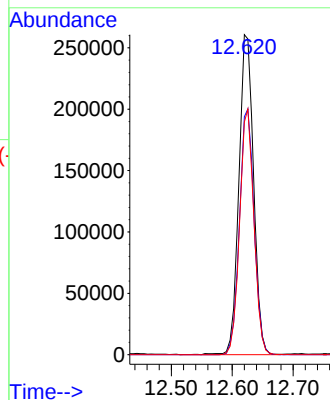
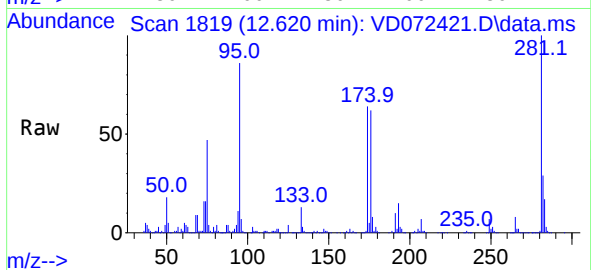




#62
4-Bromofluorobenzene
Concen: 61.180 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072421.D
Acq: 25 Mar 2022 10:53

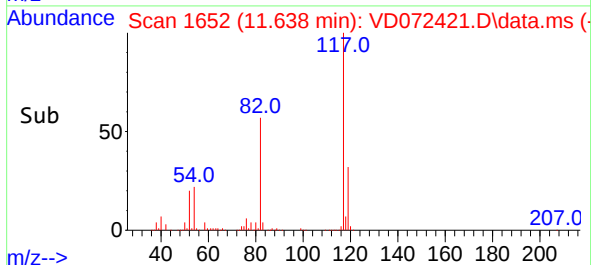
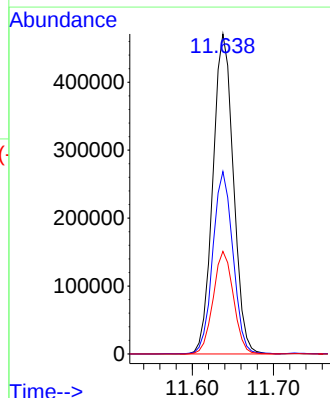
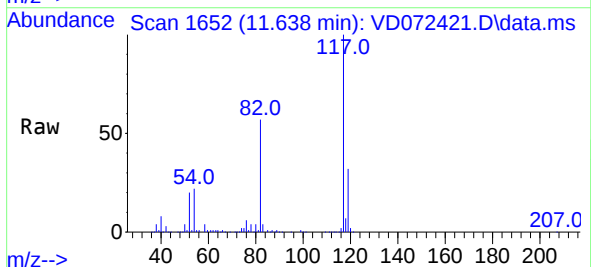
Instrument :
MSVOA_D
ClientSampleId :
VD0325SBL01

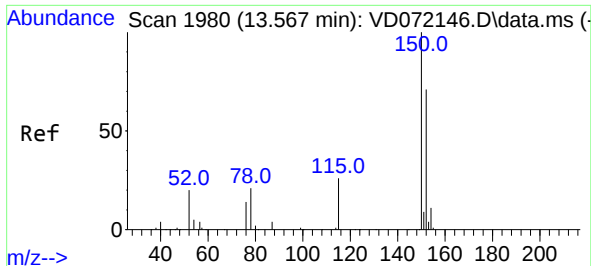
Tgt Ion: 95 Resp: 436587
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 74.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072421.D
Acq: 25 Mar 2022 10:53

Tgt Ion: 117 Resp: 827810
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 32.1 26.6 40.0

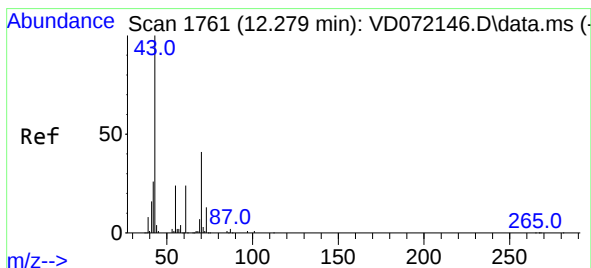
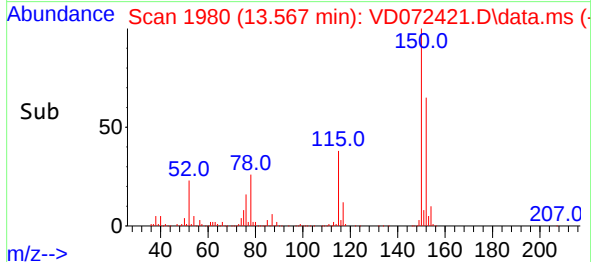
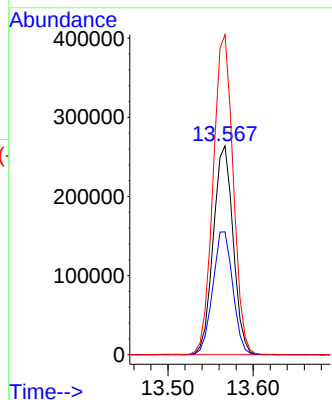
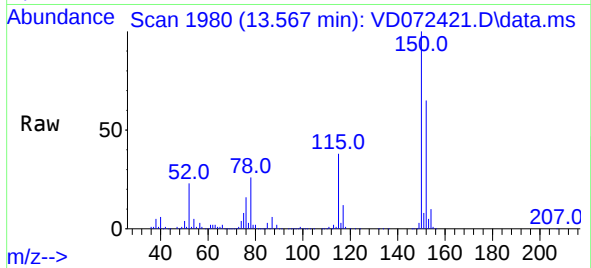




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072421.D
Acq: 25 Mar 2022 10:53

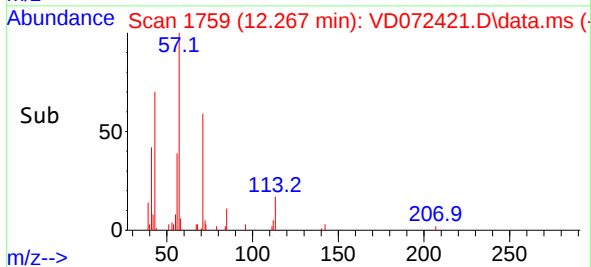
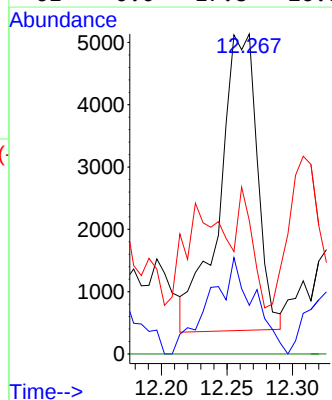
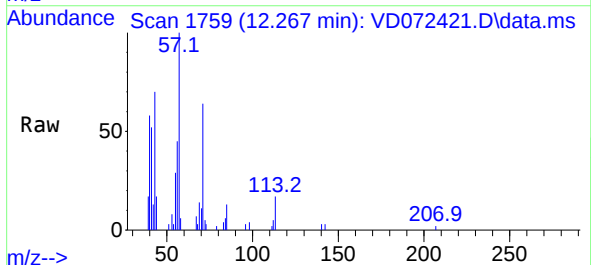
Instrument :
MSVOA_D
ClientSampleId :
VD0325SBL01

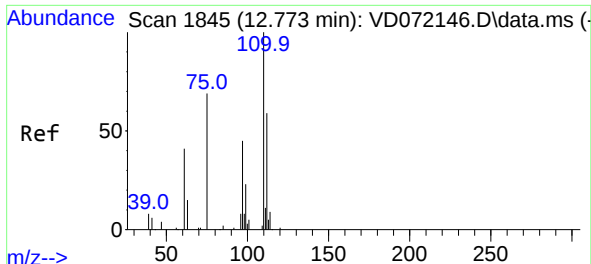
Tgt Ion:152 Resp: 427561
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 154.9 0.0 348.6



#74
N-ethyl acetate
Concen: 1.312 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.012 min
Lab File: VD072421.D
Acq: 25 Mar 2022 10:53

Tgt Ion: 43 Resp: 9554
Ion Ratio Lower Upper
43 100
70 38.3 31.3 46.9
55 14.6 20.0 30.0#
61 0.0 17.8 26.8#

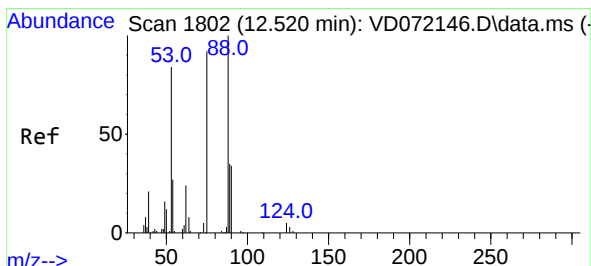
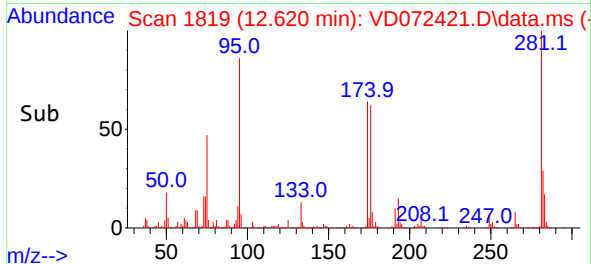
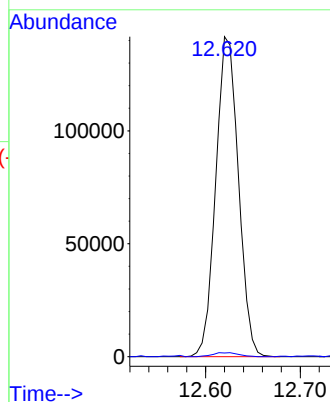
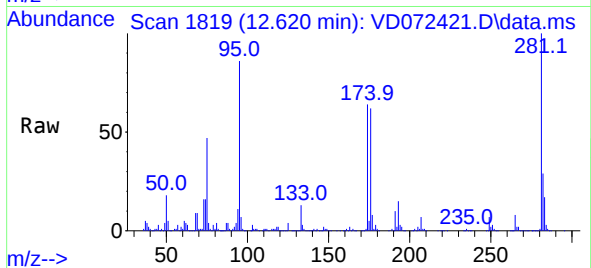




#76
1,2,3-Trichloropropane
Concen: 50.009 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072421.D
Acq: 25 Mar 2022 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD0325SBL01

Tgt Ion: 75 Resp: 235860
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.077 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072421.D
Acq: 25 Mar 2022 10:53

Tgt Ion: 75 Resp: 235860
Ion Ratio Lower Upper
75 100
53 0.3 86.5 129.7#
89 1.6 33.9 50.9#

