

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073125.D
 Acq On : 19 May 2022 05:10
 Operator : VA/SY
 Sample : N2900-03
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-051722

Quant Time: May 19 06:14:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

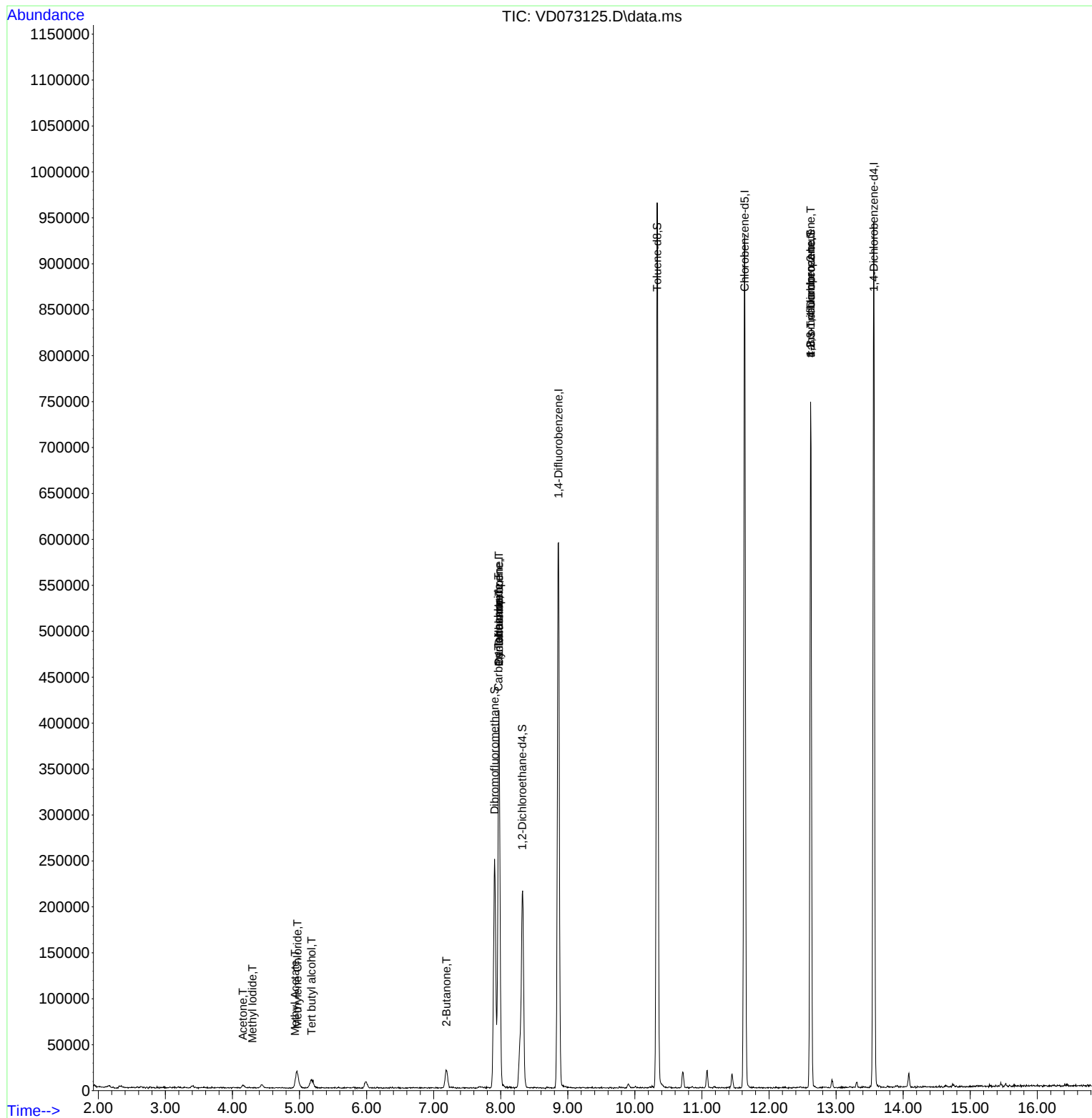
Internal Standards						
1) Pentafluorobenzene	7.973	168	283497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	519930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	541654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	246479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	171321	48.323	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.640%		
35) Dibromofluoromethane	7.908	113	179946	49.294	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.580%		
50) Toluene-d8	10.332	98	647861	48.920	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.840%		
62) 4-Bromofluorobenzene	12.620	95	229711	47.890	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.780%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	210	4.325	ug/l #	38
11) Tert butyl alcohol	5.179	59	5972	10.890	ug/l #	74
16) Acetone	4.156	43	4452	6.939	ug/l #	50
18) Methyl Acetate	4.932	43	55	1.487	ug/l #	55
20) Methylene Chloride	4.967	84	14442	3.101	ug/l #	82
25) 2-Butanone	7.191	43	1141	1.174	ug/l #	52
31) Cyclohexane	7.973	56	6992	1.095	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	24832	4.175	ug/l #	53
38) Carbon Tetrachloride	7.967	117	29809	4.898	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	121533	43.618	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	121533	104.587	ug/l #	7

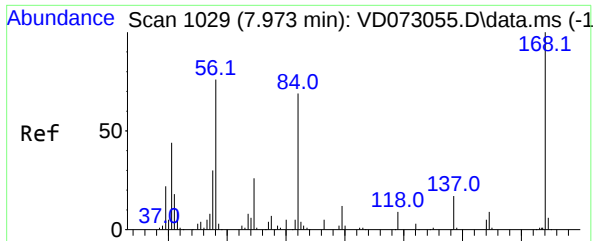
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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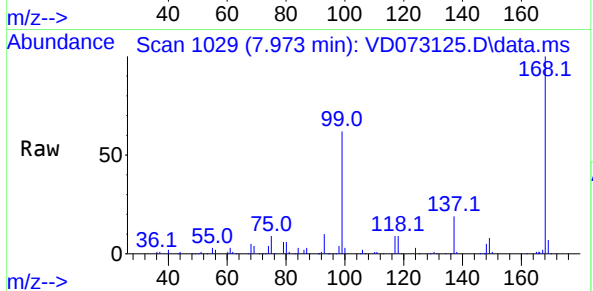
Quant Time: May 19 06:14:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
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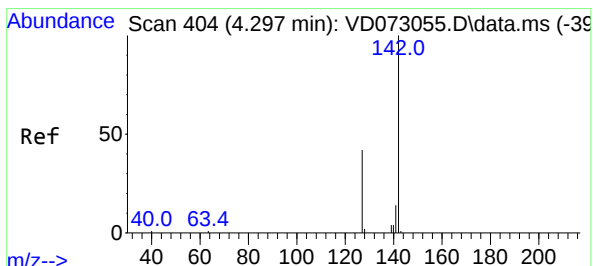
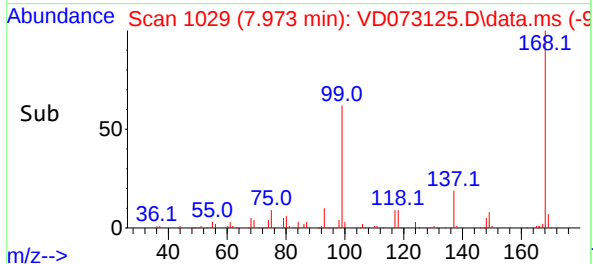
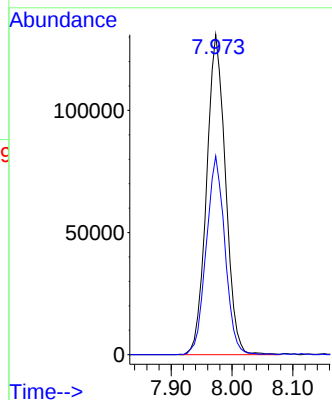


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

Instrument :
MSVOA_D
ClientSampleId :
SU-04-051722

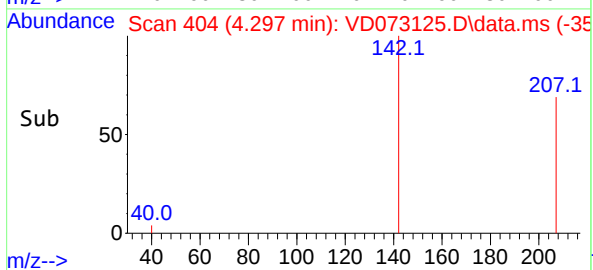
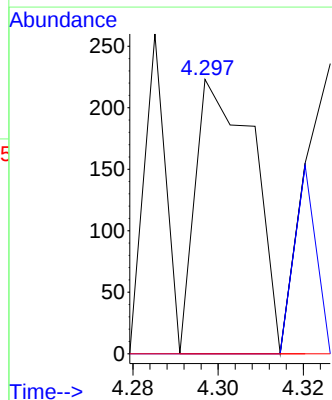
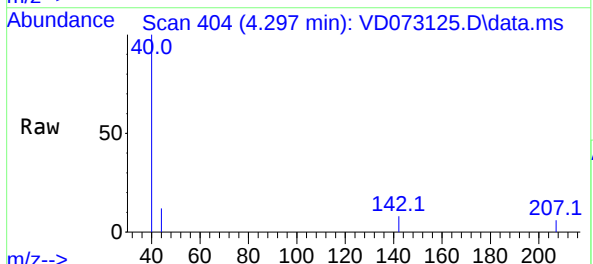


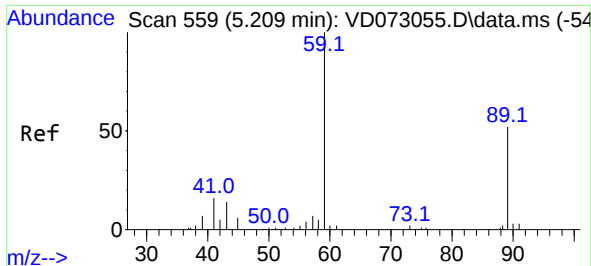
Tgt Ion:168 Resp: 283497
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6



#10
Methyl Iodide
Concen: 4.325 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

Tgt Ion:142 Resp: 210
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

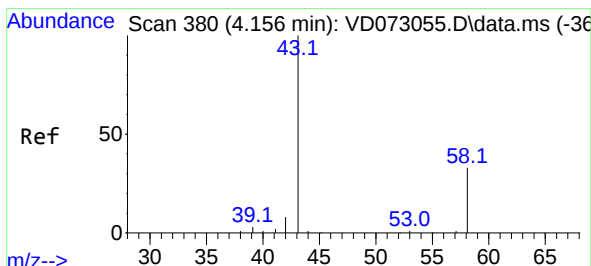
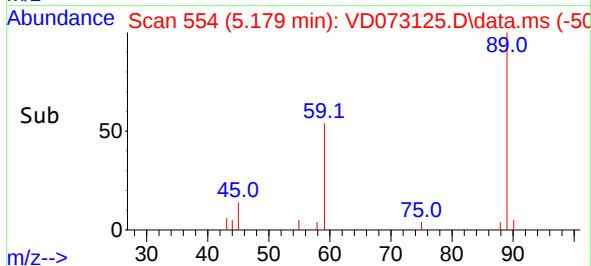
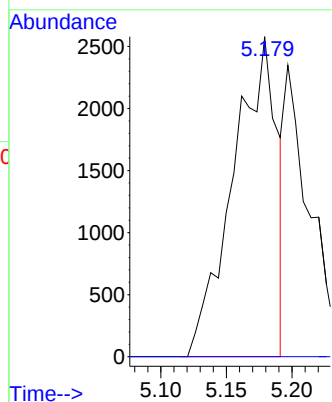
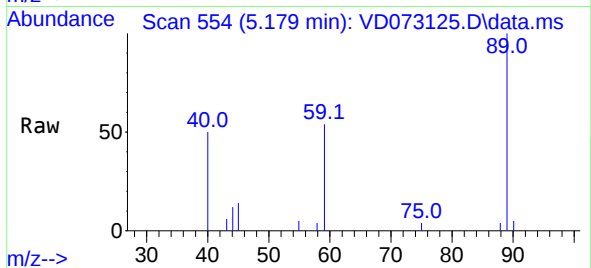




#11
Tert butyl alcohol
Concen: 10.890 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

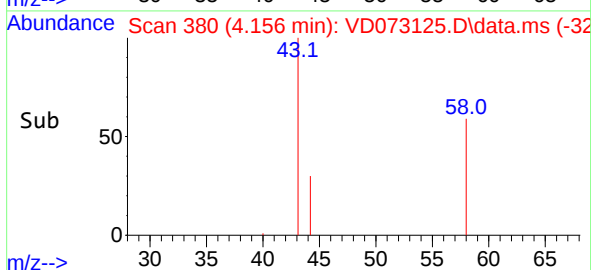
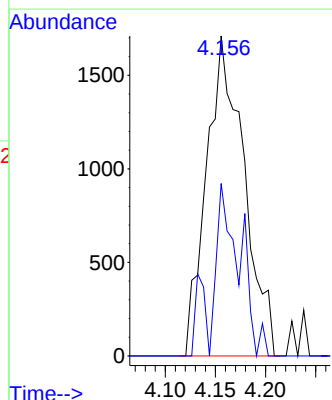
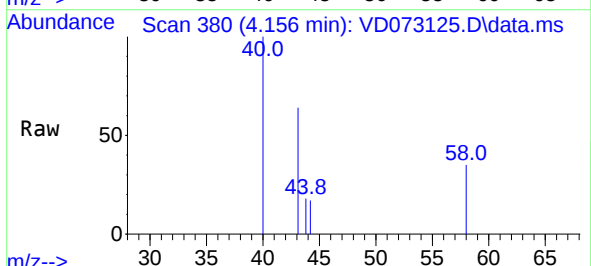
Instrument :
MSVOA_D
ClientSampleId :
SU-04-051722

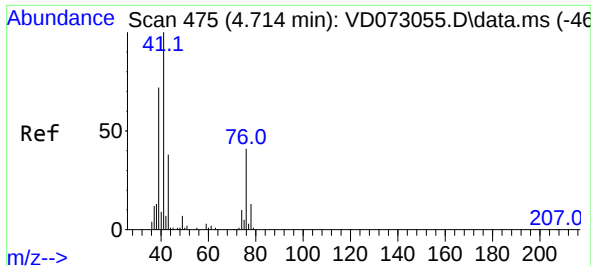
Tgt Ion: 59 Resp: 5972
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 6.939 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

Tgt Ion: 43 Resp: 4452
Ion Ratio Lower Upper
43 100
58 53.9 22.1 33.1#

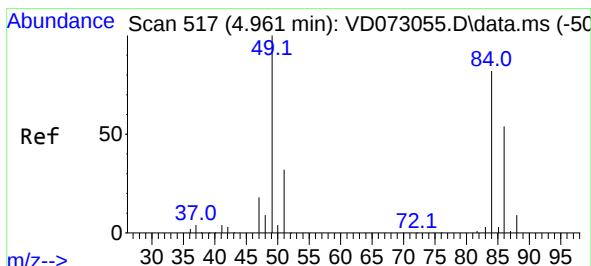
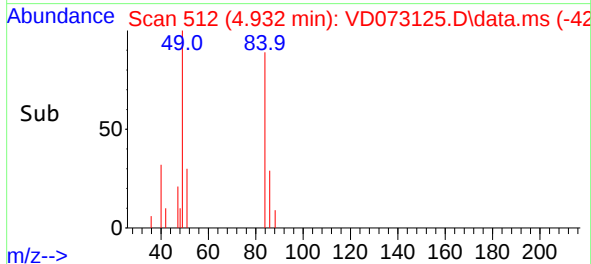
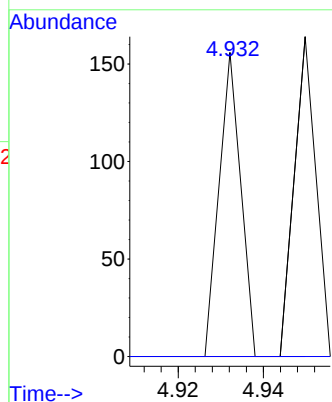
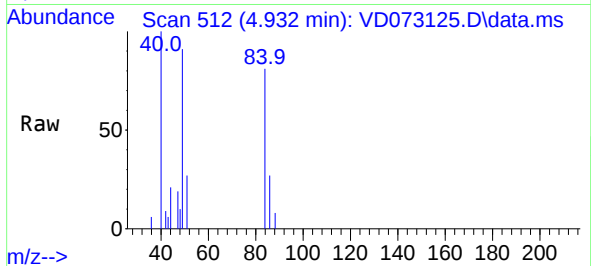




#18
Methyl Acetate
Concen: 1.487 ug/l
RT: 4.932 min Scan# 51
Delta R.T. 0.218 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

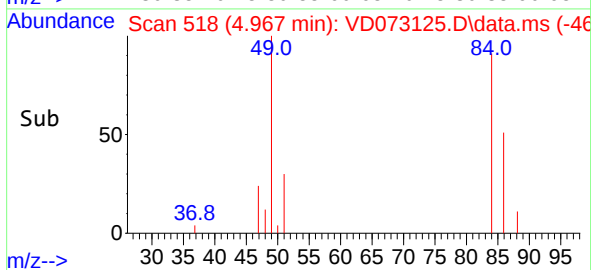
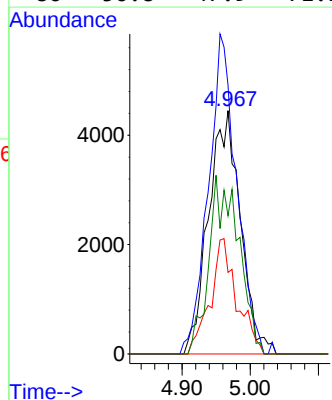
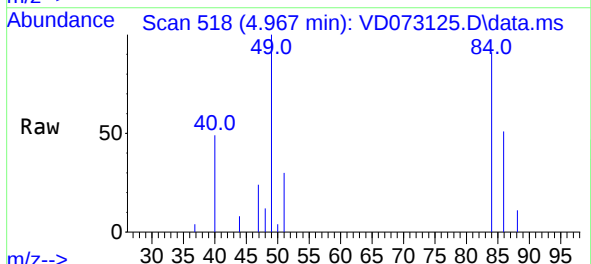
Instrument :
MSVOA_D
ClientSampleId :
SU-04-051722

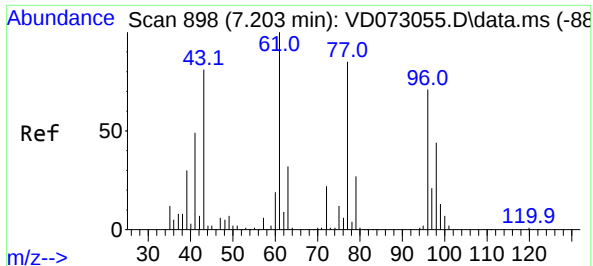
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 3.101 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

Tgt Ion: 84 Resp: 14442
Ion Ratio Lower Upper
84 100
49 110.4 112.8 169.2#
51 33.5 32.6 48.8
86 56.8 47.9 71.9

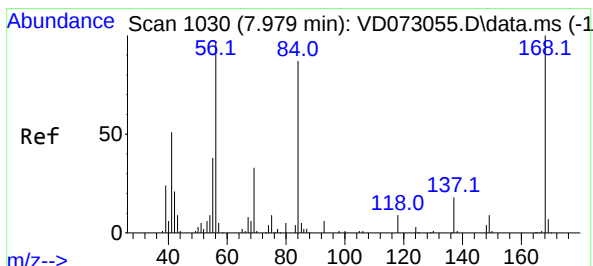
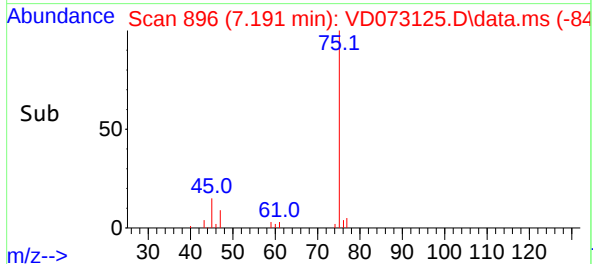
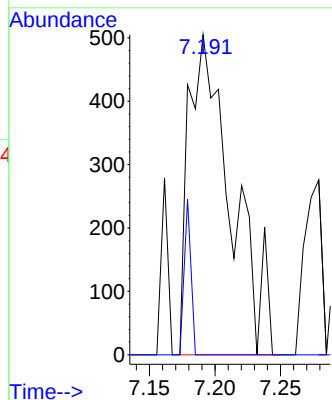
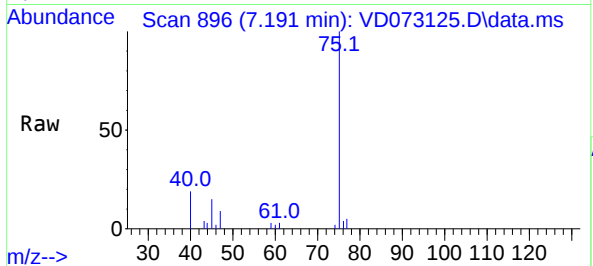




#25
2-Butanone
Concen: 1.174 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.012 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

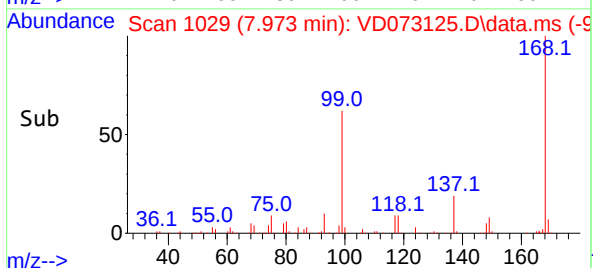
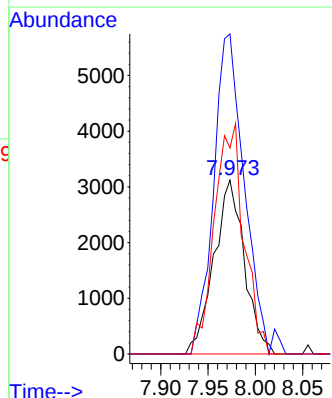
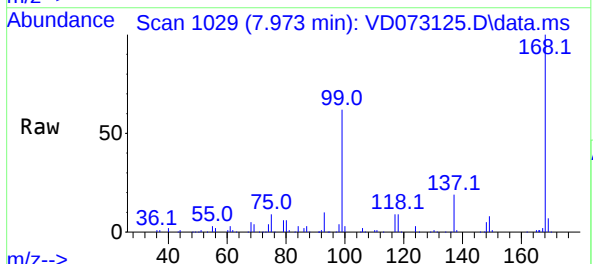
Instrument :
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SU-04-051722

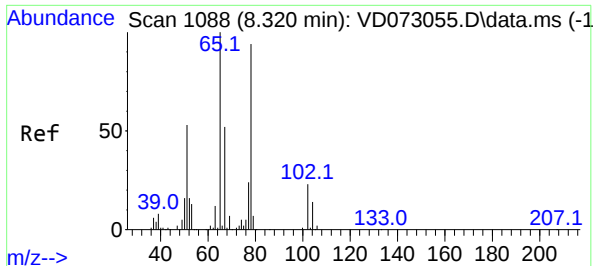
Tgt Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.095 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

Tgt Ion: 56 Resp: 6992
Ion Ratio Lower Upper
56 100
69 184.2 25.4 38.2#
84 118.6 63.0 94.4#

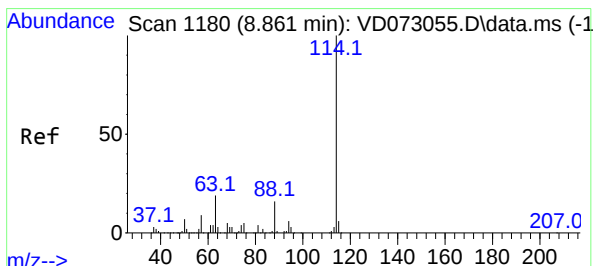
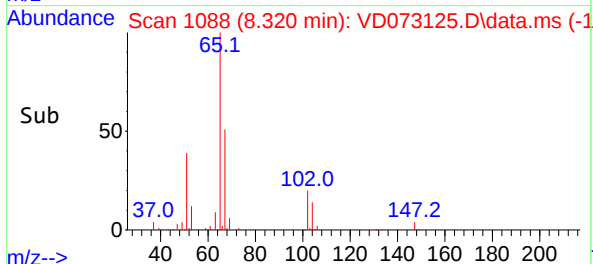
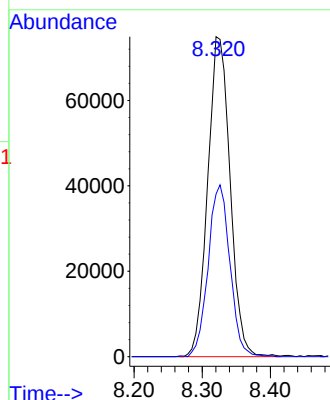
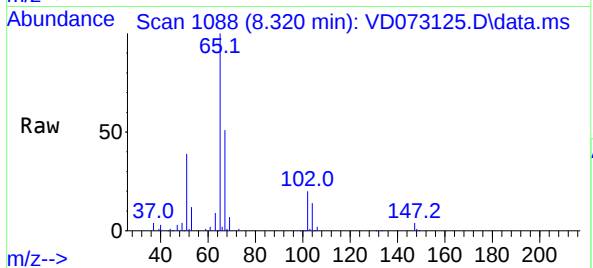




#33
1,2-Dichloroethane-d4
Concen: 48.323 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

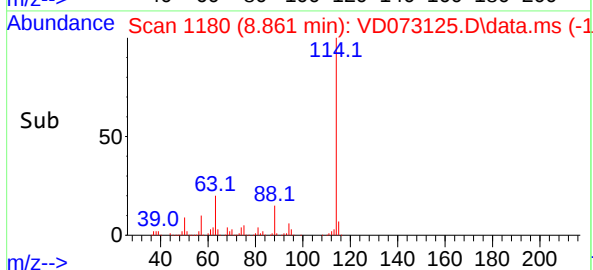
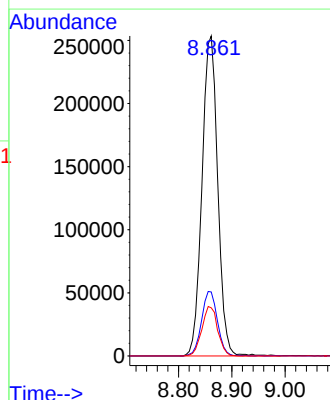
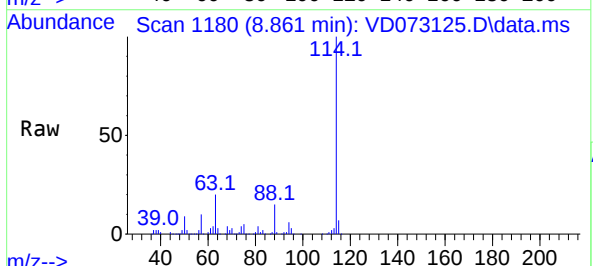
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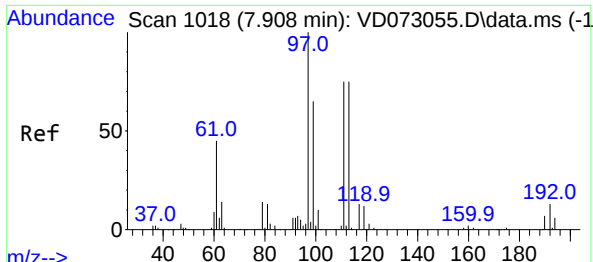
Tgt Ion: 65 Resp: 171321
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

Tgt Ion: 114 Resp: 519930
Ion Ratio Lower Upper
114 100
63 20.0 0.0 46.6
88 15.0 0.0 33.2

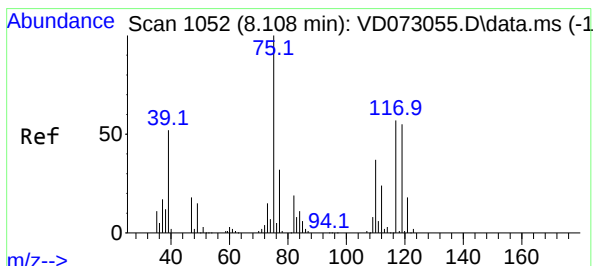
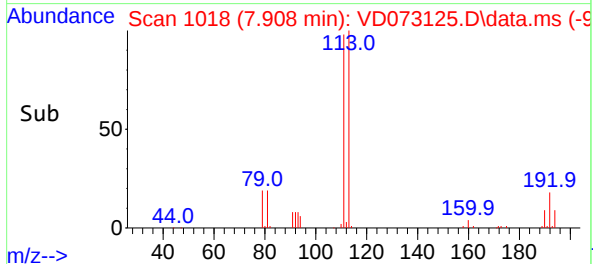
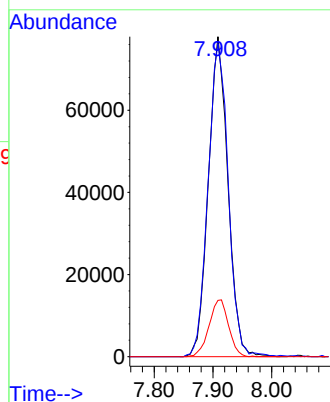
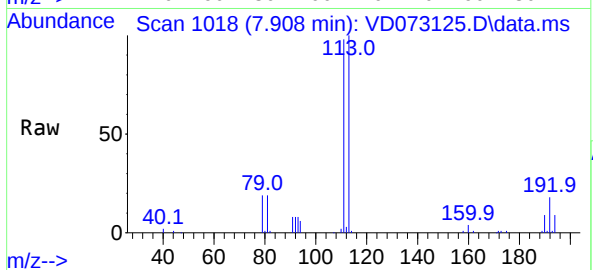




#35
Dibromofluoromethane
Concen: 49.294 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

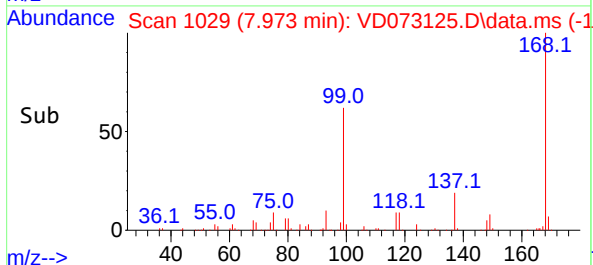
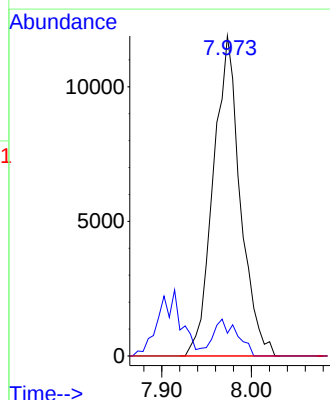
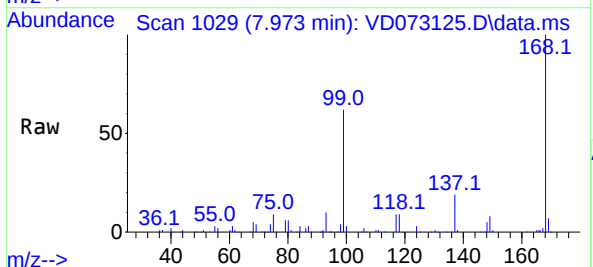
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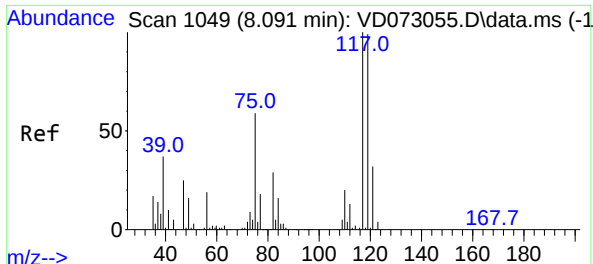
Tgt Ion:113 Resp: 179946
Ion Ratio Lower Upper
113 100
111 101.4 83.8 125.6
192 17.8 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.175 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

Tgt Ion: 75 Resp: 24832
Ion Ratio Lower Upper
75 100
110 10.2 16.4 49.1#
77 0.0 24.2 36.2#

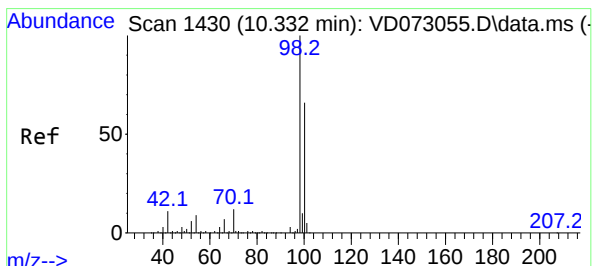
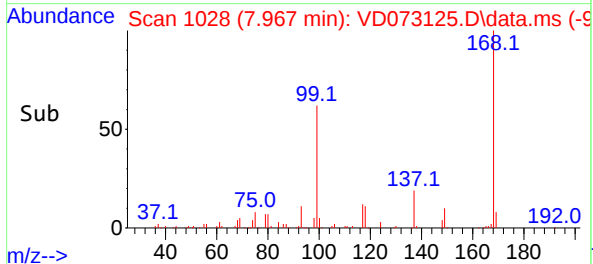
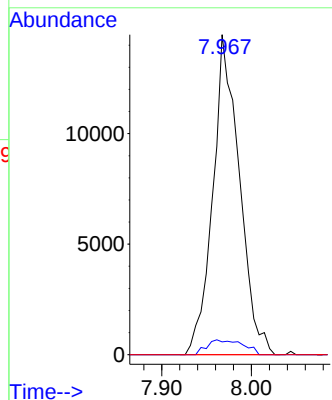
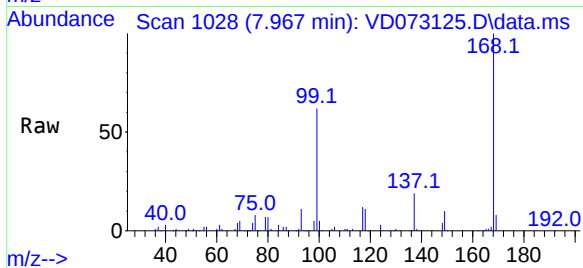




#38
Carbon Tetrachloride
Concen: 4.898 ug/l
RT: 7.967 min Scan# 1049
Delta R.T. -0.123 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

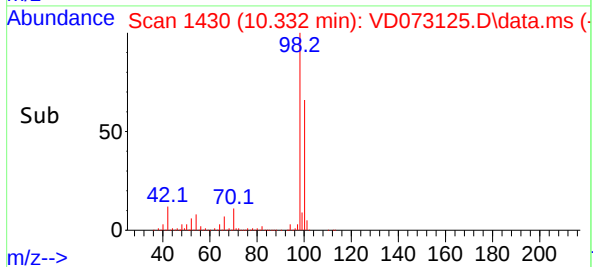
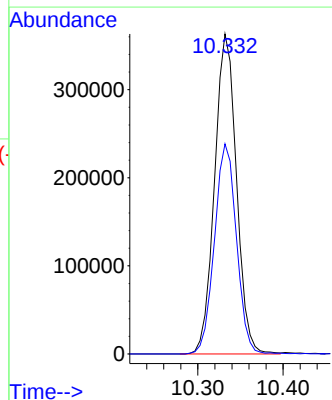
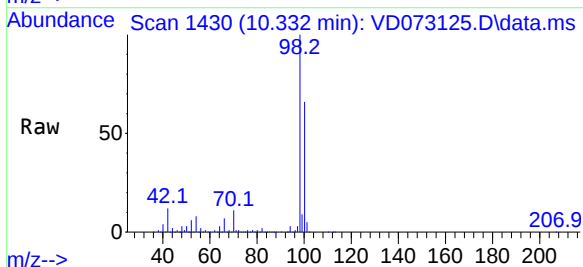
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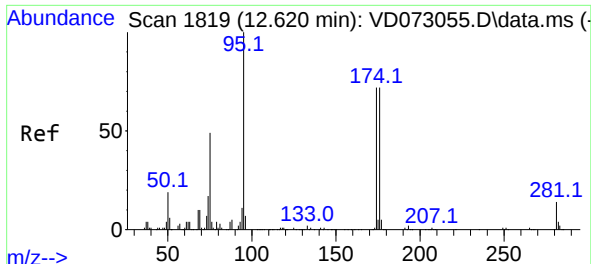
Tgt Ion:117 Resp: 29809
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.920 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

Tgt Ion: 98 Resp: 647861
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6

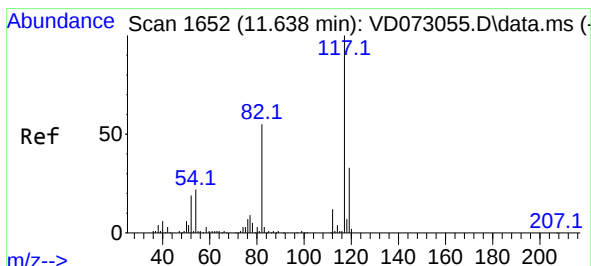
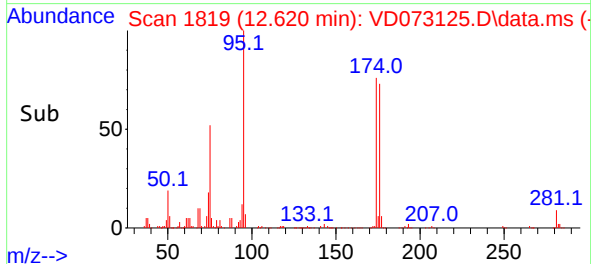
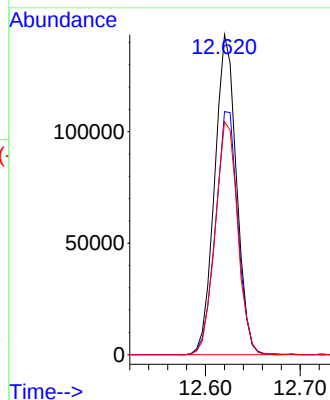
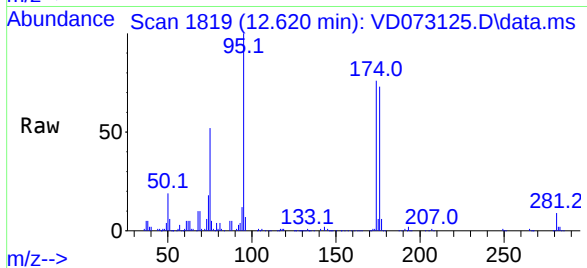




#62
4-Bromofluorobenzene
Concen: 47.890 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

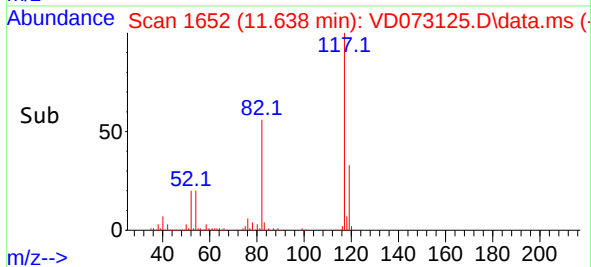
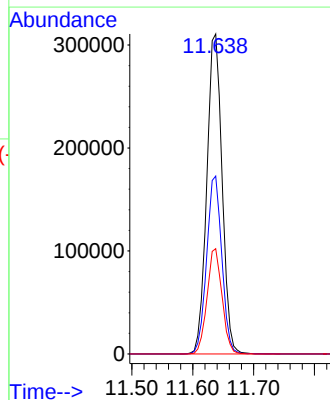
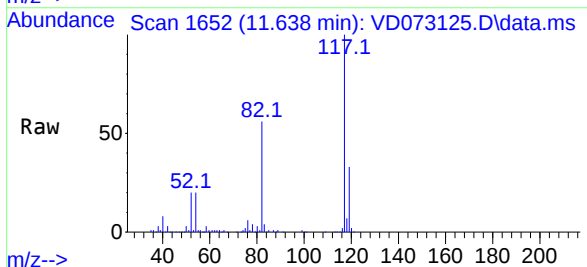
Instrument :
MSVOA_D
ClientSampleId :
SU-04-051722

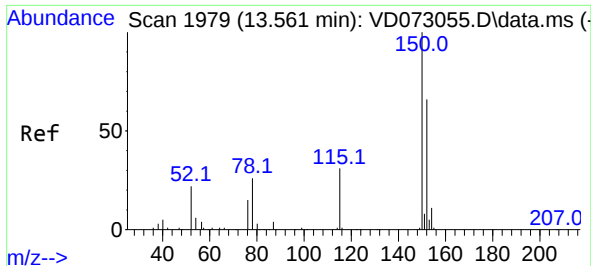
Tgt Ion: 95 Resp: 229711
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.8
176 75.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

Tgt Ion: 117 Resp: 541654
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 32.9 26.6 40.0

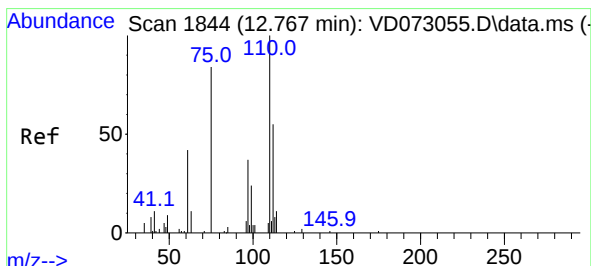
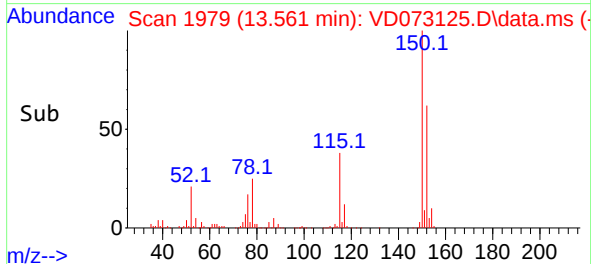
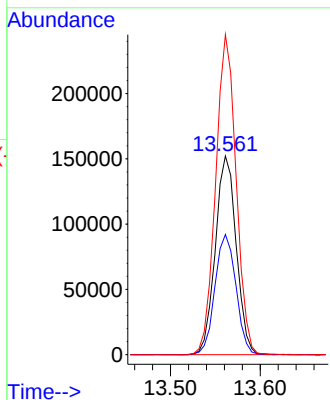
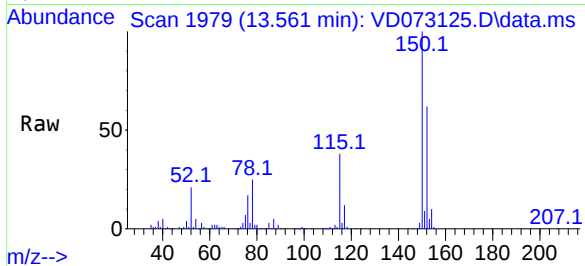




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

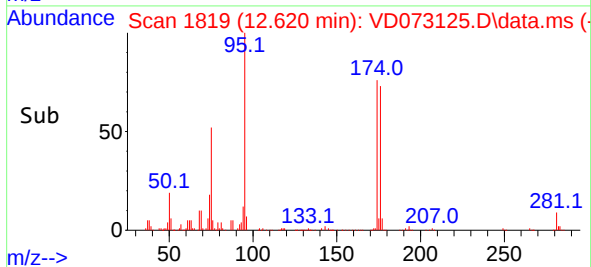
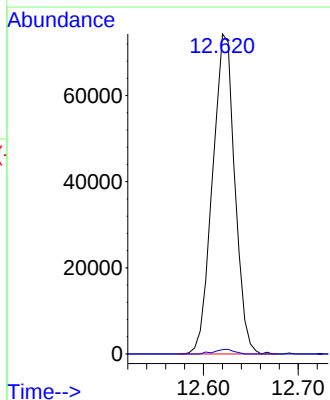
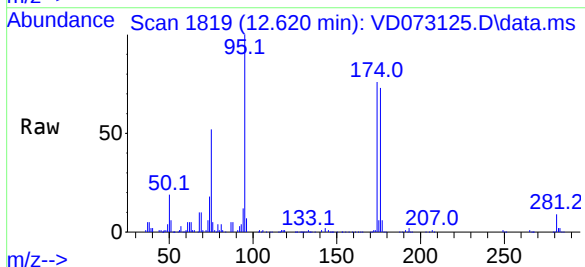
Instrument :
MSVOA_D
ClientSampleId :
SU-04-051722

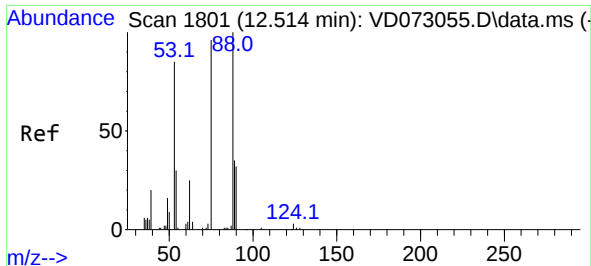
Tgt Ion:152 Resp: 246479
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 157.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 43.618 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

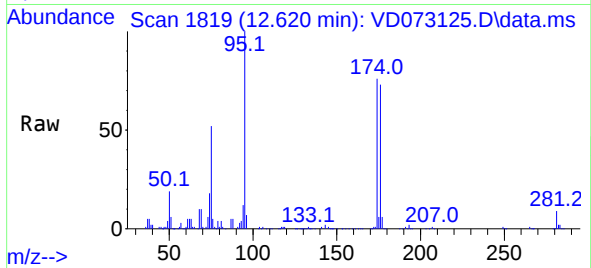
Tgt Ion: 75 Resp: 121533
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 104.587 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

Instrument :
MSVOA_D
ClientSampleId :
SU-04-051722



Tgt Ion: 75 Resp: 121533
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.1 33.9 50.9#

