

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073124.D
 Acq On : 19 May 2022 04:41
 Operator : VA/SY
 Sample : N2900-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-051722

Quant Time: May 19 06:14:08 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)

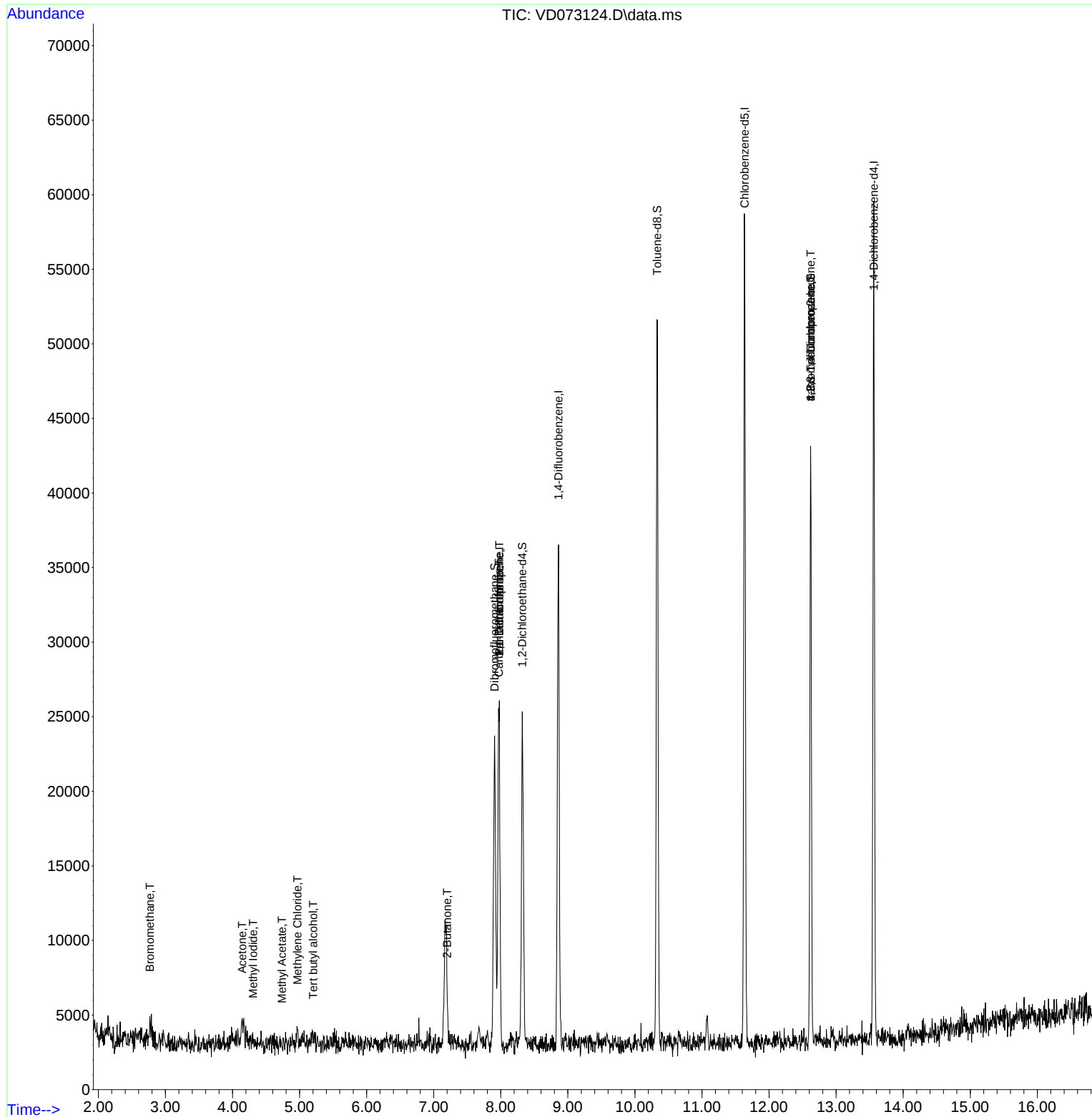
Internal Standards						
1) Pentafluorobenzene	7.979	168	17086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	28011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	30875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	14882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	16550	77.455	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.900%	
35) Dibromofluoromethane	7.908	113	14435	73.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 146.800%	
50) Toluene-d8	10.332	98	33722	47.264	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.520%	
62) 4-Bromofluorobenzene	12.620	95	12660	48.990	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.980%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.768	94	277	1.925	ug/l #	63
10) Methyl Iodide	4.309	142	247	5.164	ug/l #	87
11) Tert butyl alcohol	5.203	59	216	6.536	ug/l #	74
16) Acetone	4.144	43	1495	38.663	ug/l	95
18) Methyl Acetate	4.738	43	67	2.017	ug/l #	55
20) Methylene Chloride	4.967	84	583	2.077	ug/l #	80
25) 2-Butanone	7.203	43	76	1.298	ug/l #	52
36) 1,1-Dichloropropene	7.979	75	1514	4.725	ug/l #	43
38) Carbon Tetrachloride	7.973	117	1718	5.240	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	6707	39.868	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	6707	95.594	ug/l #	7

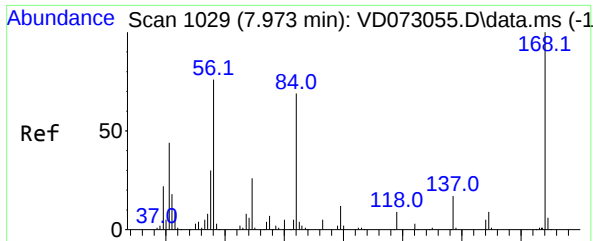
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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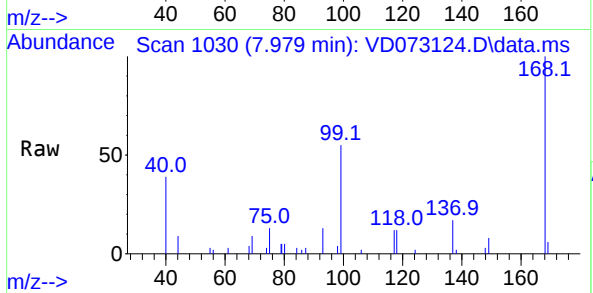
Quant Time: May 19 06:14:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
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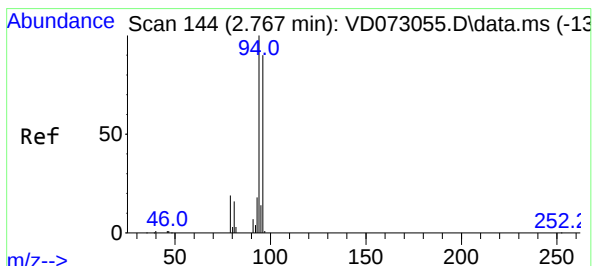
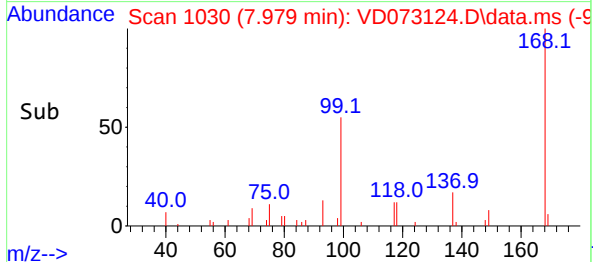
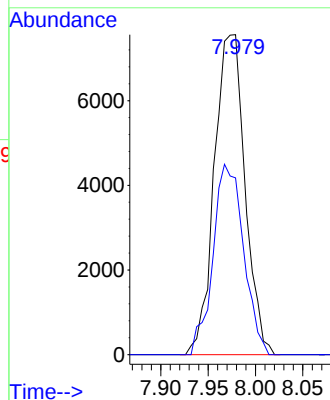


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

Instrument :
MSVOA_D
ClientSampleId :
SU-02-051722

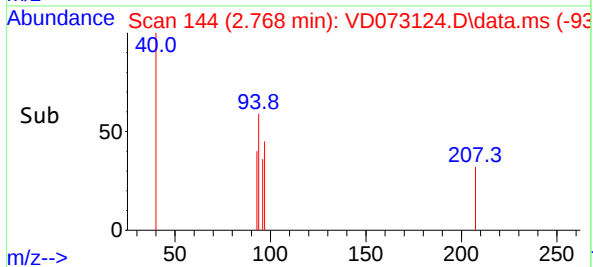
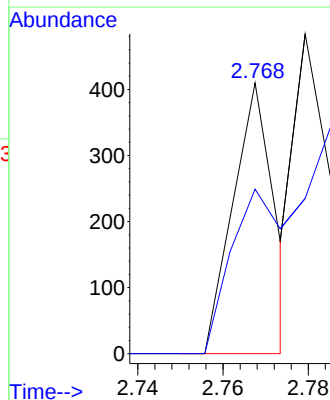
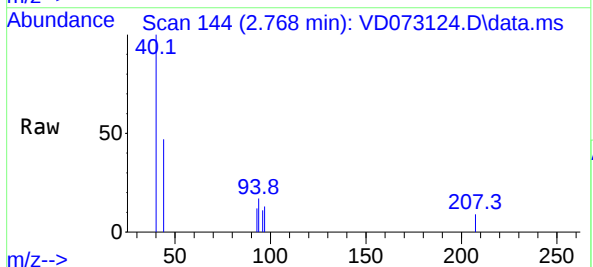


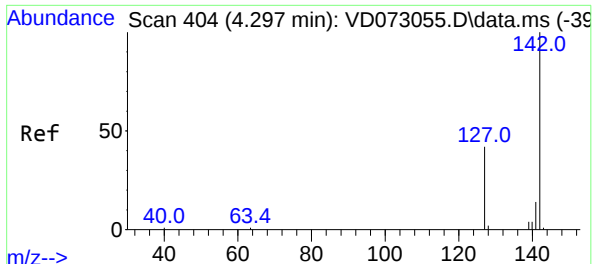
Tgt Ion:168 Resp: 17086
Ion Ratio Lower Upper
168 100
99 55.3 49.8 74.6



#5
Bromomethane
Concen: 1.925 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

Tgt Ion: 94 Resp: 277
Ion Ratio Lower Upper
94 100
96 60.7 77.6 116.4#





#10

Methyl Iodide

Concen: 5.164 ug/l

RT: 4.309 min Scan# 40

Delta R.T. 0.012 min

Lab File: VD073124.D

Acq: 19 May 2022 04:41

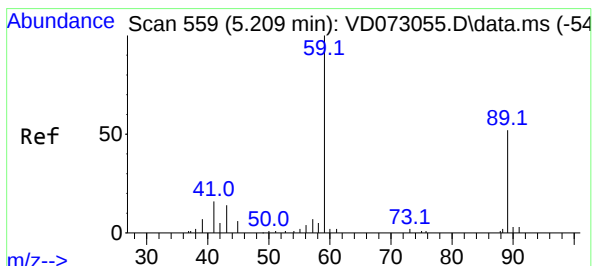
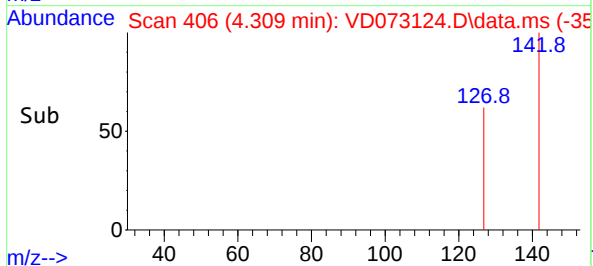
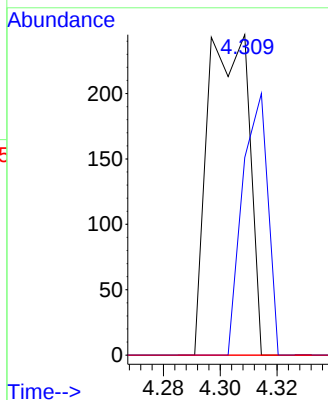
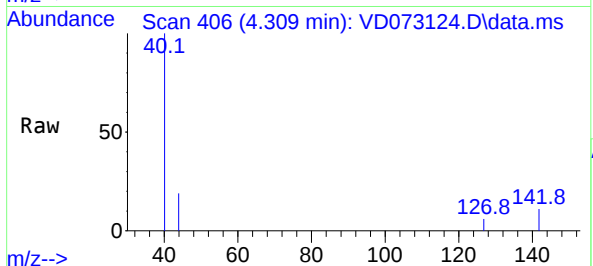
Instrument :

MSVOA_D

ClientSampleId :

SU-02-051722

Tgt Ion:142	Resp:	247
Ion Ratio	Lower	Upper
142	100	
127	50.2	37.3 55.9
141	0.0	11.7 17.5#



#11

Tert butyl alcohol

Concen: 6.536 ug/l

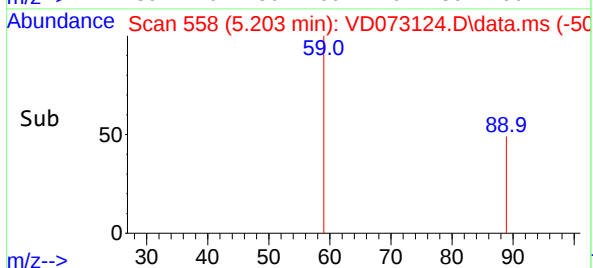
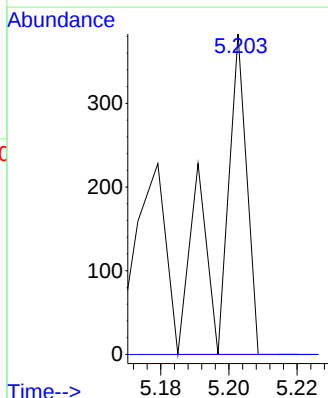
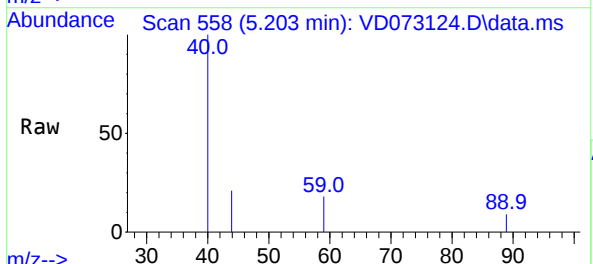
RT: 5.203 min Scan# 558

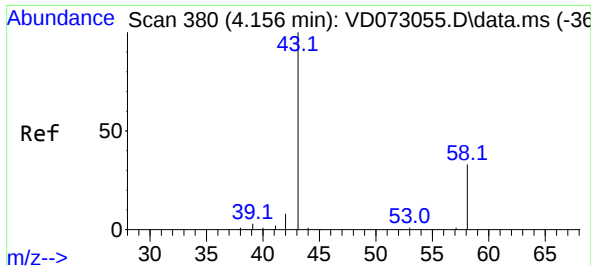
Delta R.T. -0.006 min

Lab File: VD073124.D

Acq: 19 May 2022 04:41

Tgt Ion: 59	Resp:	216
Ion Ratio	Lower	Upper
59	100	
57	0.0	7.8 11.6#

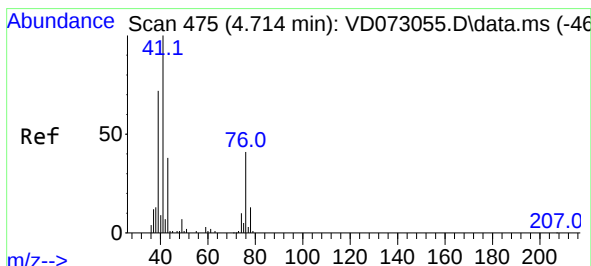
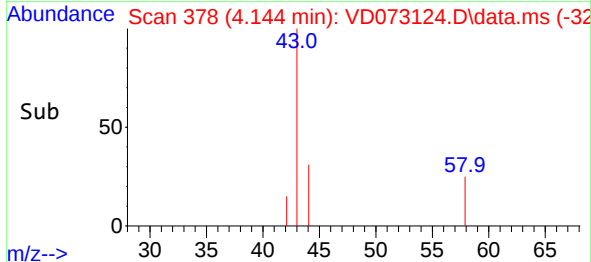
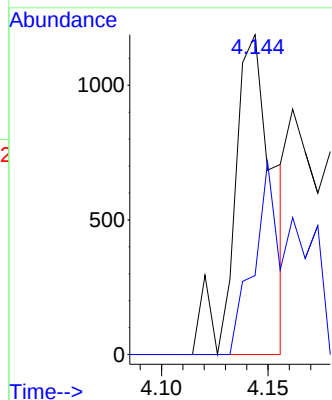
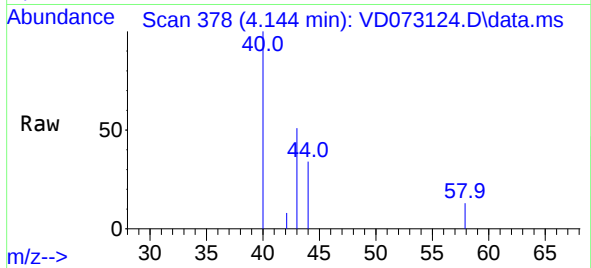




#16
Acetone
Concen: 38.663 ug/l
RT: 4.144 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

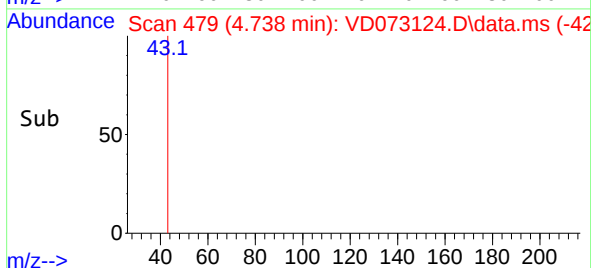
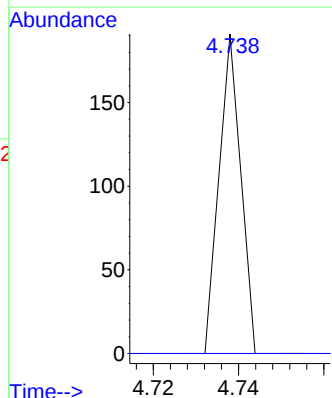
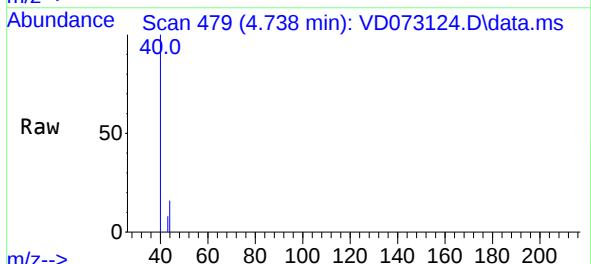
Instrument :
MSVOA_D
ClientSampleId :
SU-02-051722

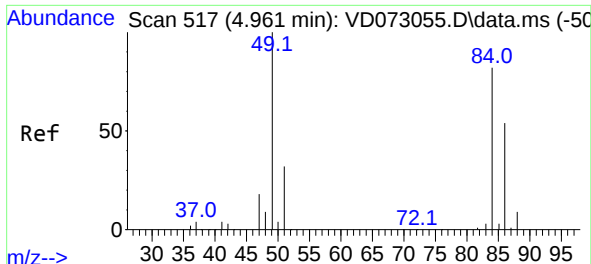
Tgt Ion: 43 Resp: 1495
Ion Ratio Lower Upper
43 100
58 24.7 22.1 33.1



#18
Methyl Acetate
Concen: 2.017 ug/l
RT: 4.738 min Scan# 479
Delta R.T. 0.024 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



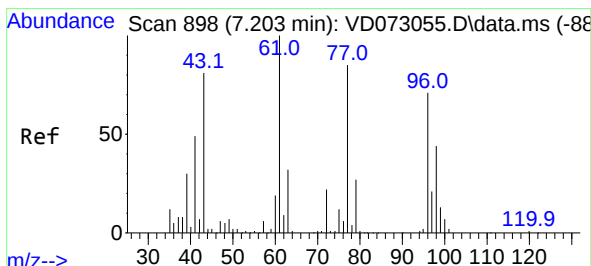
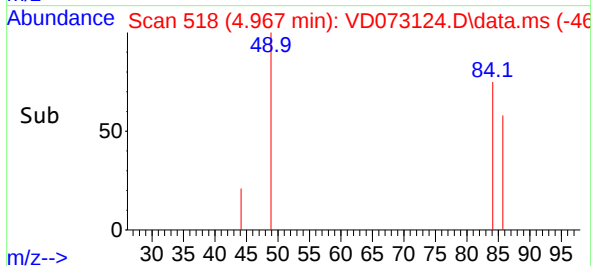
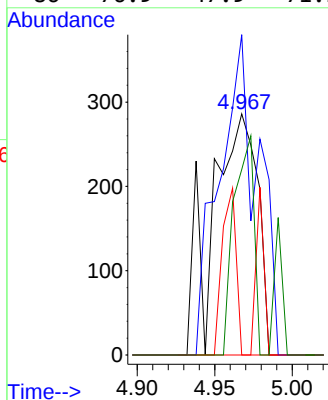
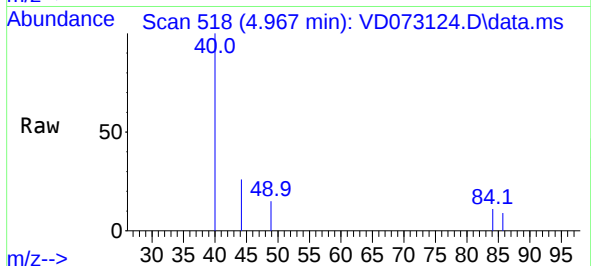


#20
Methylene Chloride
Concen: 2.077 ug/l
RT: 4.967 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

Instrument :
MSVOA_D
ClientSampleId :
SU-02-051722

Tgt Ion: 84 Resp: 583

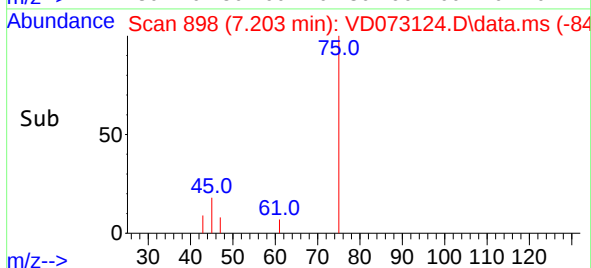
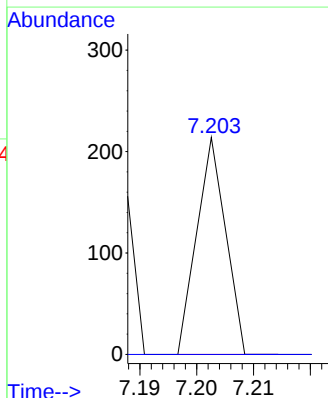
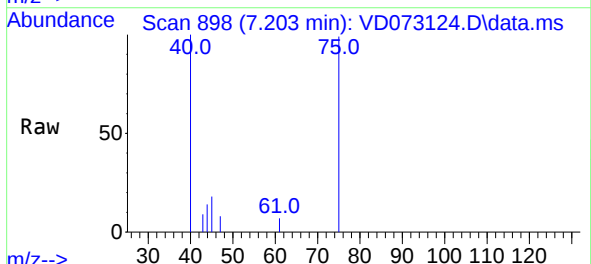
Ion	Ratio	Lower	Upper
84	100		
49	132.9	112.8	169.2
51	0.0	32.6	48.8#
86	76.9	47.9	71.9#

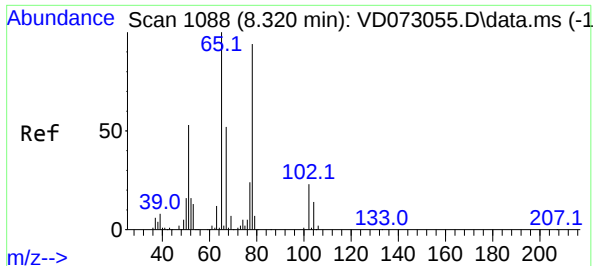


#25
2-Butanone
Concen: 1.298 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

Tgt Ion: 43 Resp: 76

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#

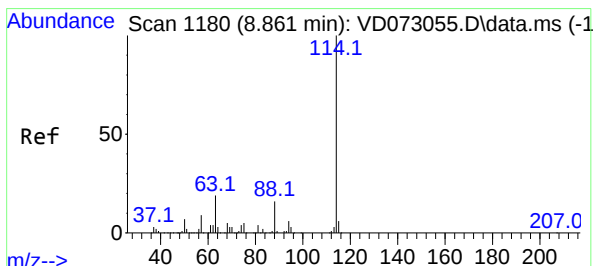
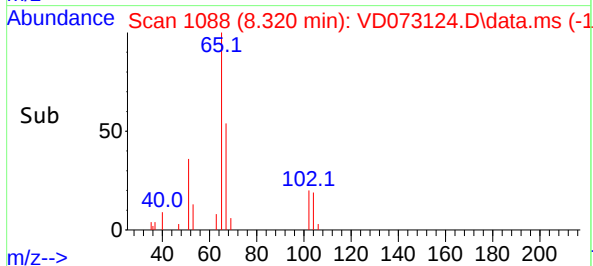
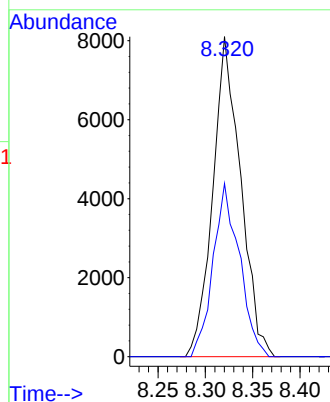
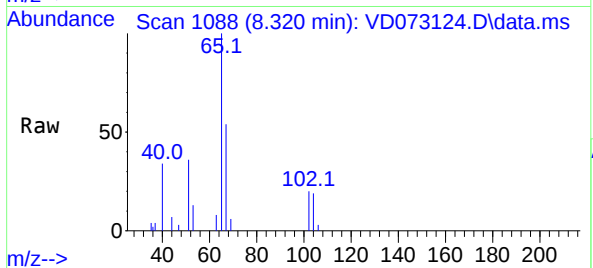




#33
1,2-Dichloroethane-d4
Concen: 77.455 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

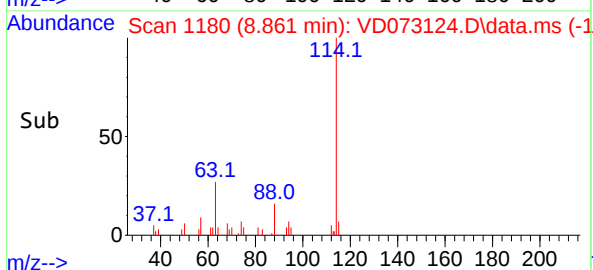
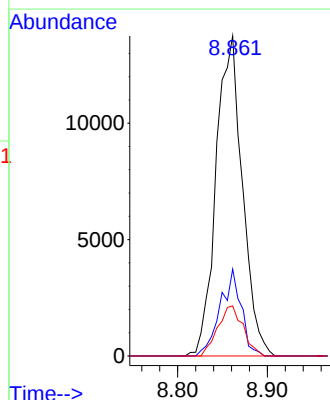
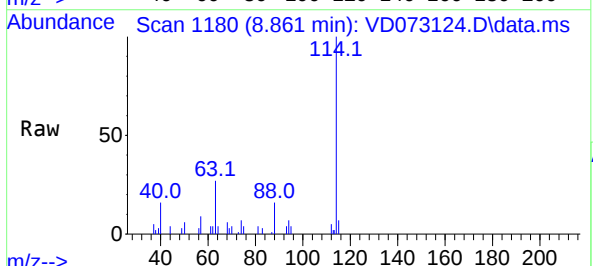
Instrument :
MSVOA_D
ClientSampleId :
SU-02-051722

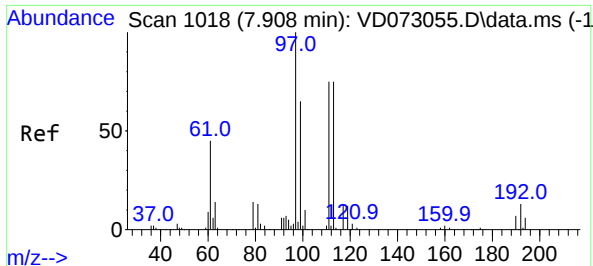
Tgt Ion: 65 Resp: 16550
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

Tgt Ion: 114 Resp: 28011
Ion Ratio Lower Upper
114 100
63 27.2 0.0 46.6
88 15.6 0.0 33.2

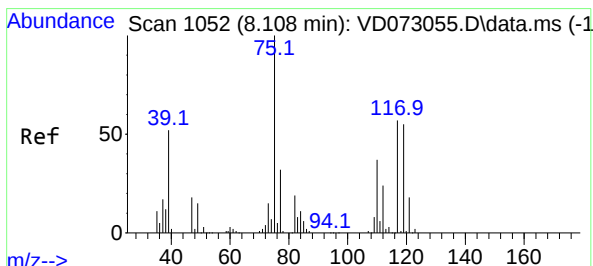
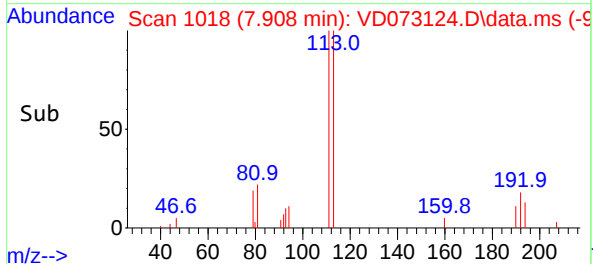
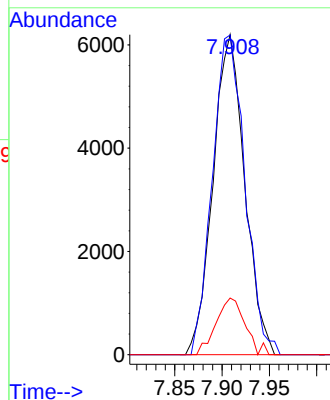
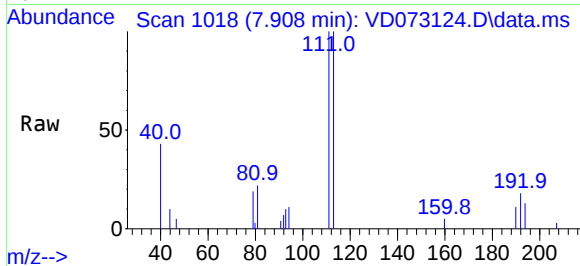




#35
Dibromofluoromethane
Concen: 73.398 ug/l
RT: 7.908 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

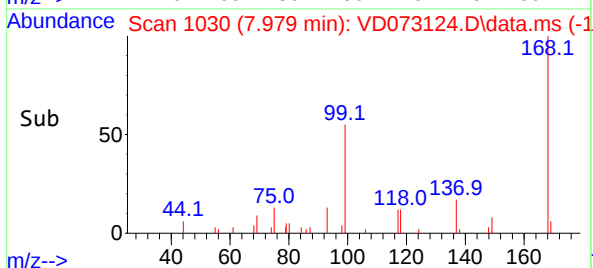
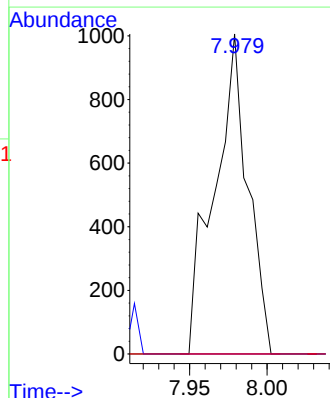
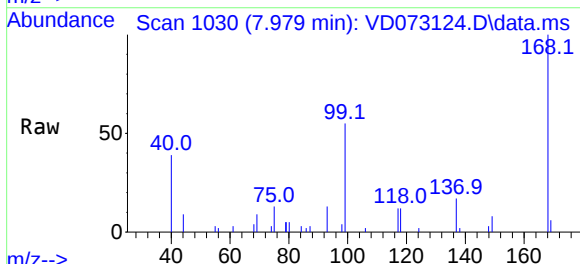
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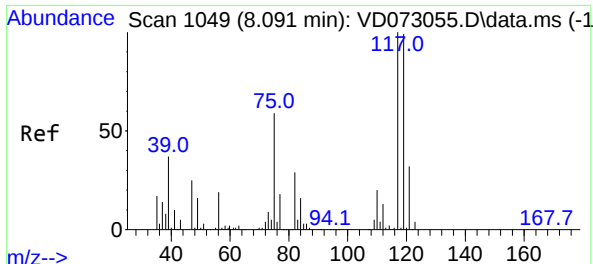
Tgt Ion:	113	Resp:	14435
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.8	125.6
192	16.2	14.6	21.8



#36
1,1-Dichloropropene
Concen: 4.725 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

Tgt Ion:	75	Resp:	1514
Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.4	49.1#
77	0.0	24.2	36.2#

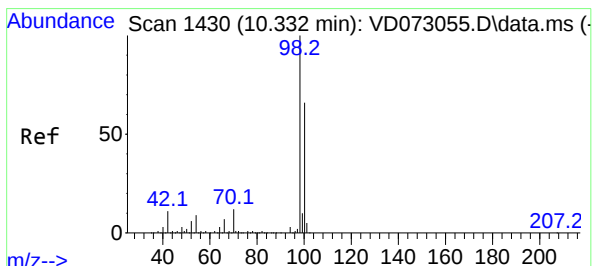
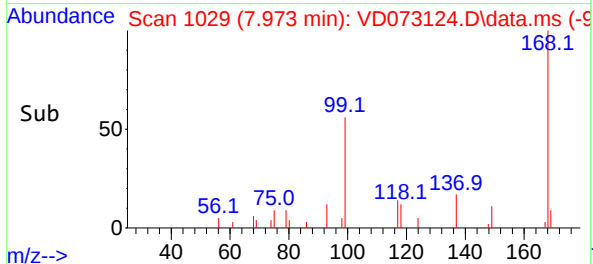
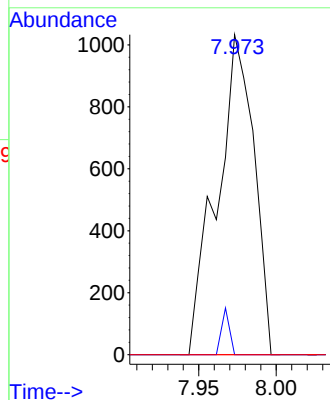
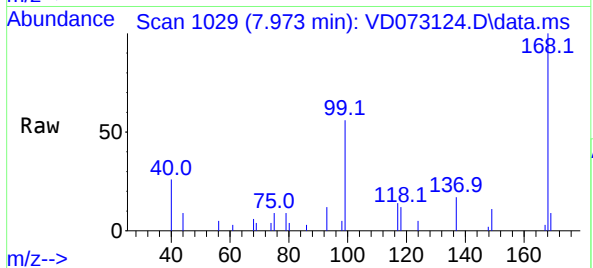




#38
Carbon Tetrachloride
Concen: 5.240 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

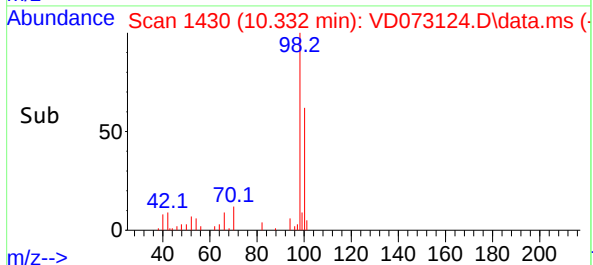
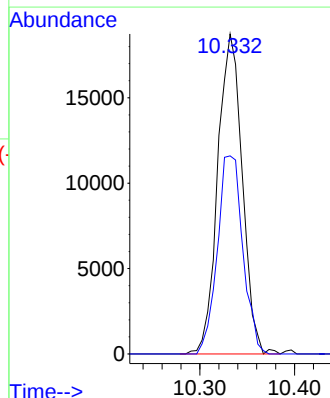
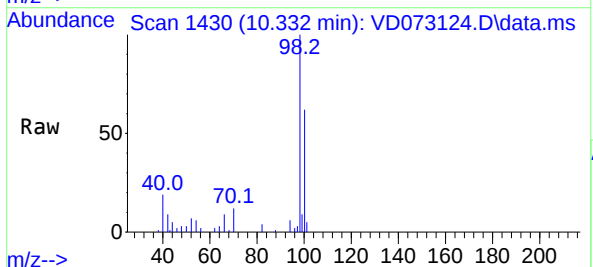
Instrument :
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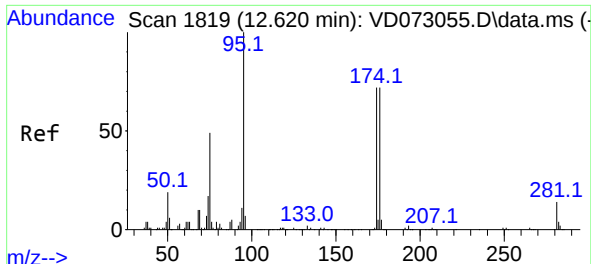
Tgt Ion:117 Resp: 1718
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 47.264 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

Tgt Ion: 98 Resp: 33722
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6

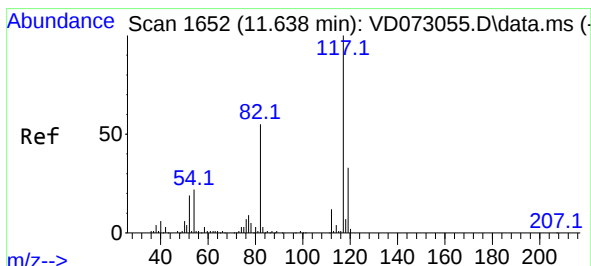
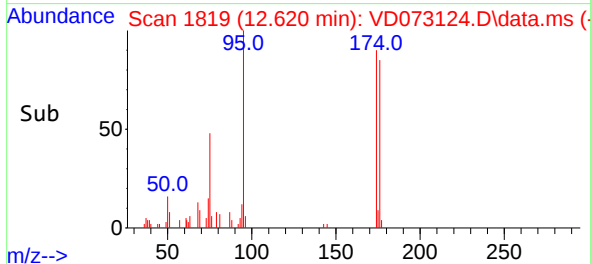
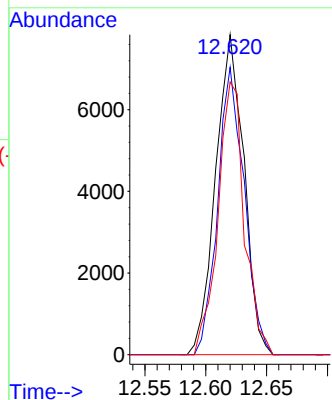
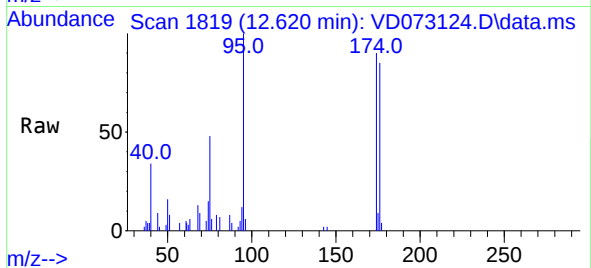




#62
4-Bromofluorobenzene
Concen: 48.990 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

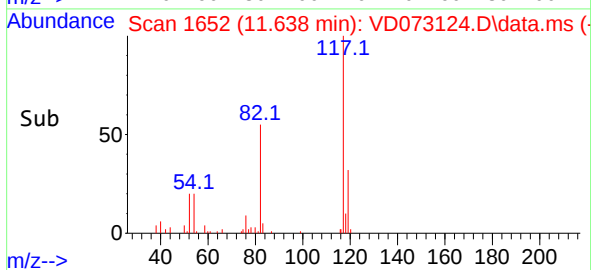
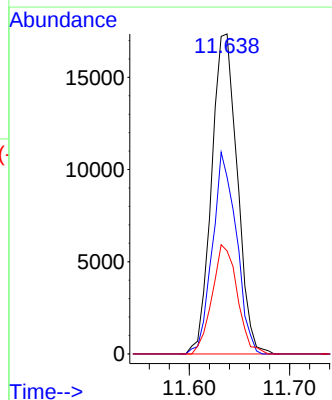
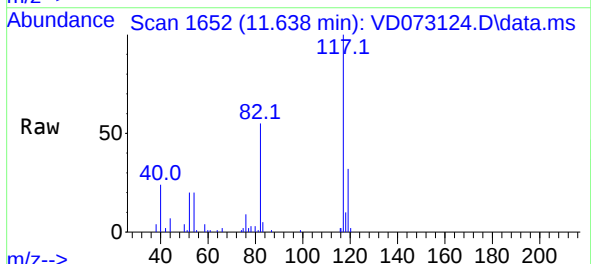
Instrument :
MSVOA_D
ClientSampleId :
SU-02-051722

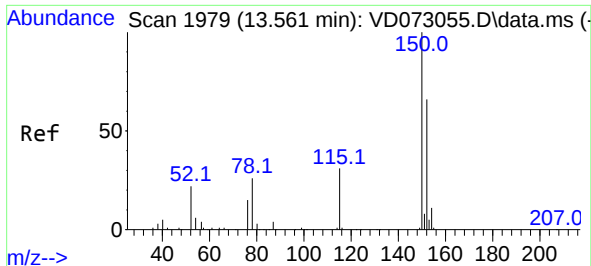
Tgt Ion:	95	Resp:	12660
Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	152.8
176	79.9	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

Tgt Ion:	117	Resp:	30875
Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.3	67.9
119	32.2	26.6	40.0

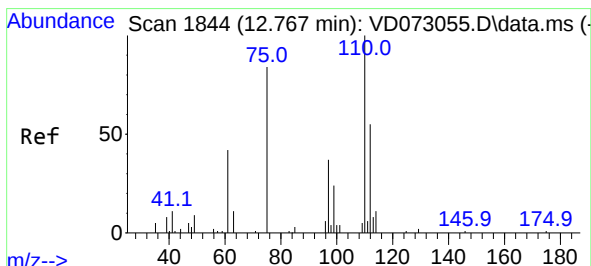
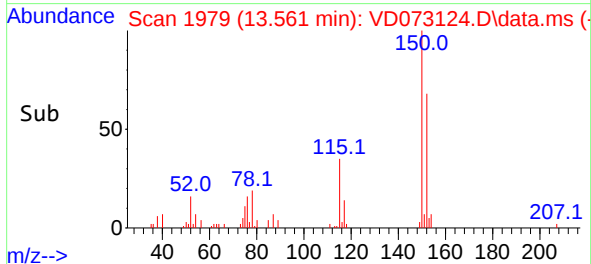
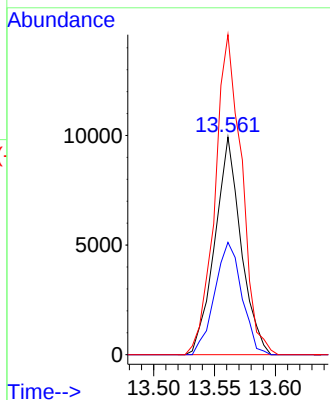
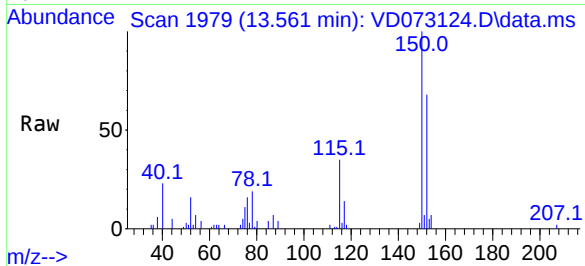




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD073124.D
 Acq: 19 May 2022 04:41

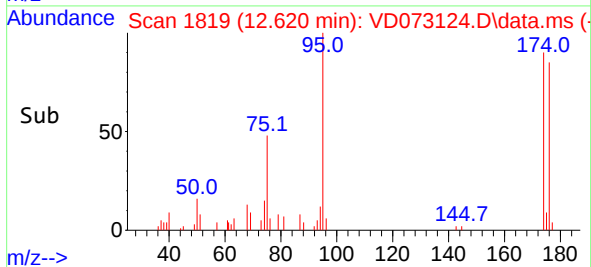
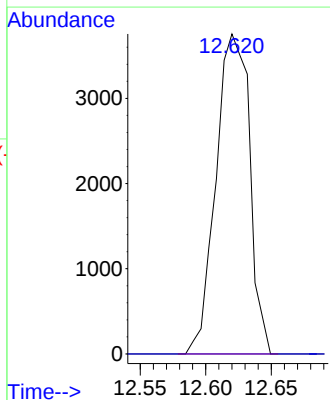
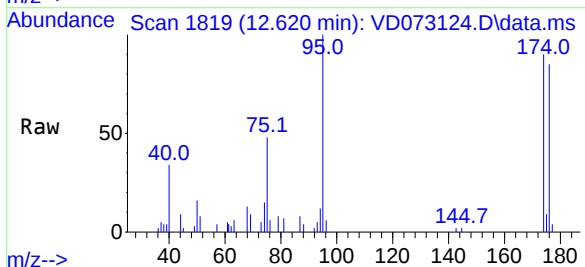
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-051722

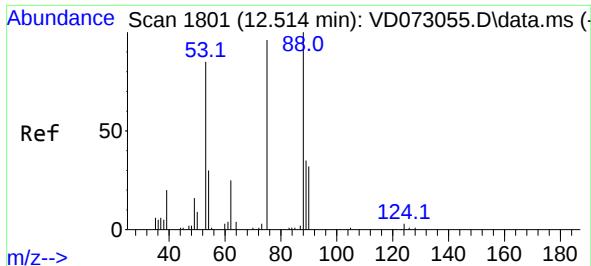
Tgt Ion:152 Resp: 14882
 Ion Ratio Lower Upper
 152 100
 115 53.5 31.3 93.8
 150 150.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 39.868 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073124.D
 Acq: 19 May 2022 04:41

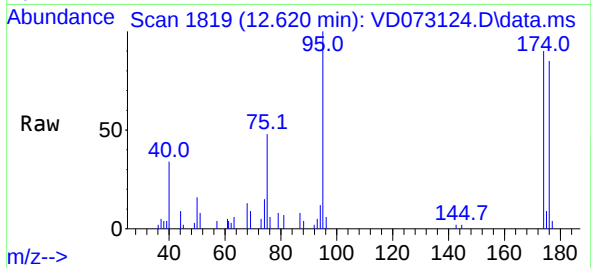
Tgt Ion: 75 Resp: 6707
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 95.594 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

Instrument :
MSVOA_D
ClientSampleId :
SU-02-051722



Tgt Ion: 75 Resp: 6707
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

