

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073157.D
 Acq On : 20 May 2022 00:07
 Operator : VA/SY
 Sample : N2842-05
 Misc : 6.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS001-1218-01

Quant Time: May 20 01:52:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

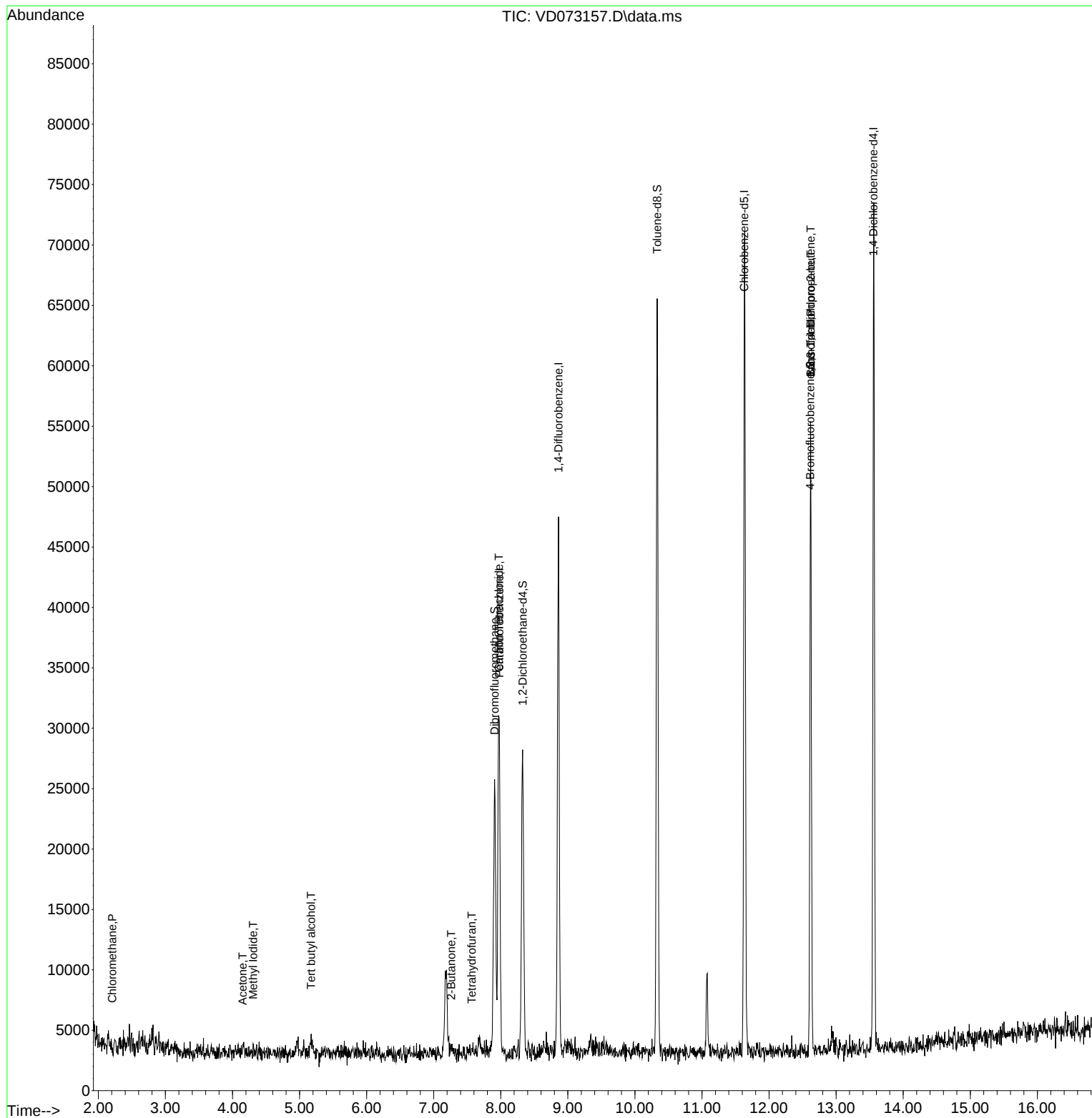
Internal Standards						
1) Pentafluorobenzene	7.979	168	20471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	34702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	41676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	18807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	19453	85.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.980%#	
35) Dibromofluoromethane	7.908	113	16663	72.768	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 145.540%	
50) Toluene-d8	10.332	98	44377	52.573	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.140%	
62) 4-Bromofluorobenzene	12.614	95	16705	56.392	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	283	1.224	ug/l #	40
5) Bromomethane	2.773	94	363	Below Cal	#	59
10) Methyl Iodide	4.308	142	394	1.637	ug/l #	54
11) Tert butyl alcohol	5.173	59	651	18.547	ug/l #	74
16) Acetone	4.150	43	337	8.600	ug/l #	47
20) Methylene Chloride	4.967	84	274	Below Cal	#	51
25) 2-Butanone	7.261	43	60	1.047	ug/l #	52
29) Tetrahydrofuran	7.567	42	148	3.992	ug/l #	70
38) Carbon Tetrachloride	7.973	117	2309	6.614	ug/l #	13
71) Bromoform	12.620	173	176	1.078	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	8465	45.873	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	8465	110.128	ug/l #	7

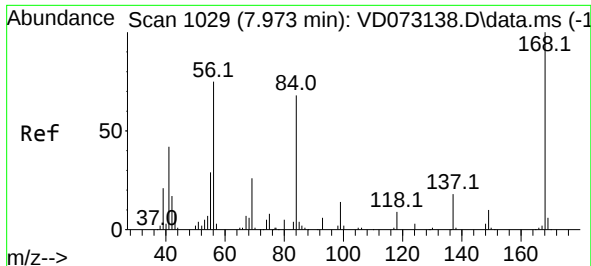
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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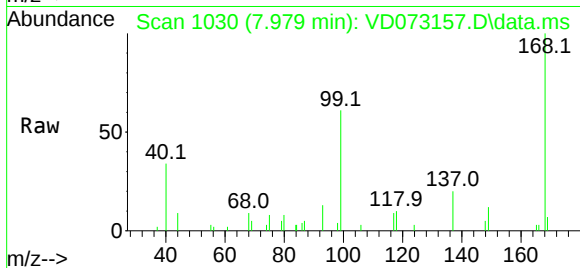
Quant Time: May 20 01:52:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
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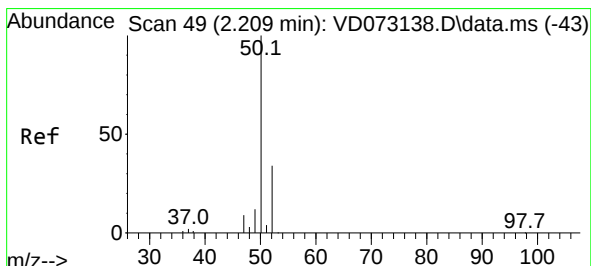
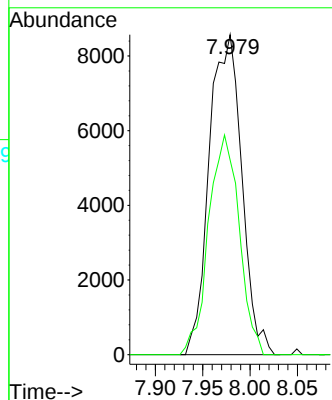
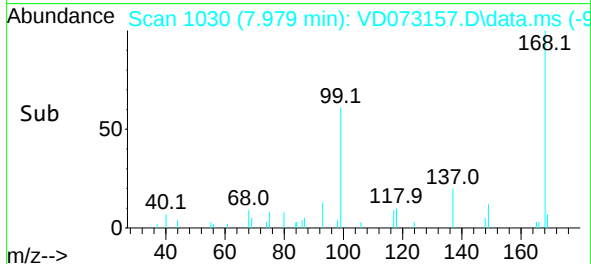


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-1218-01

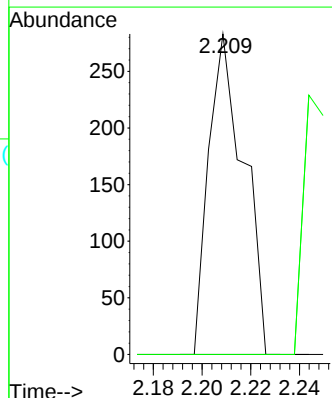
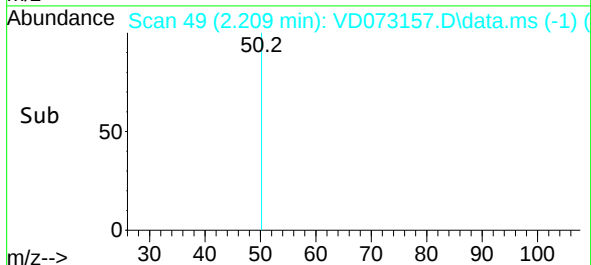
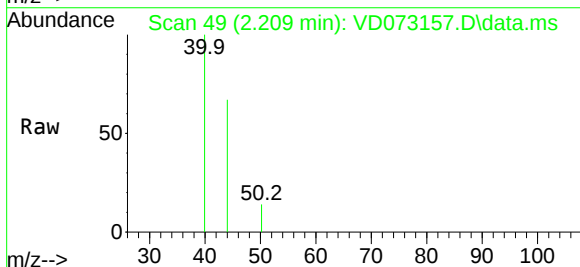


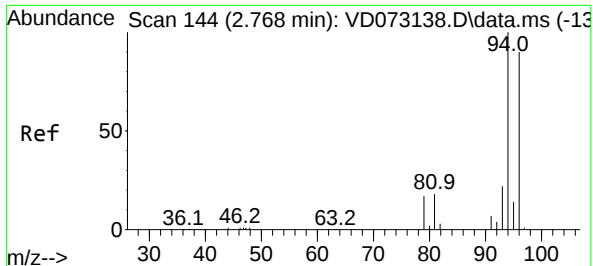
Tgt Ion:168 Resp: 20471
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#3
Chloromethane
Concen: 1.224 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

Tgt Ion: 50 Resp: 283
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

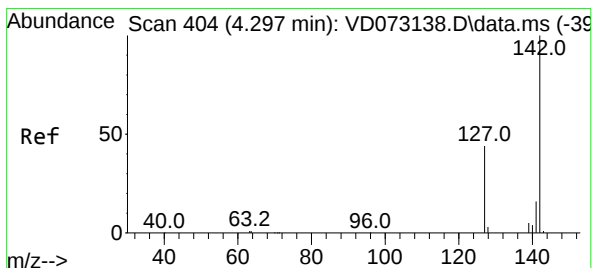
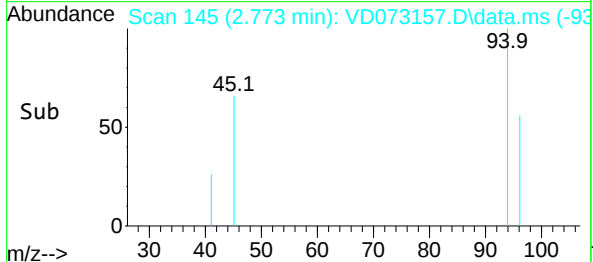
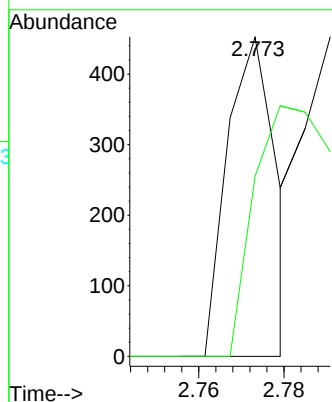
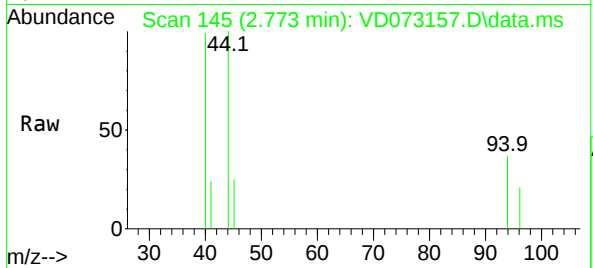




#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 144
Delta R.T. 0.005 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

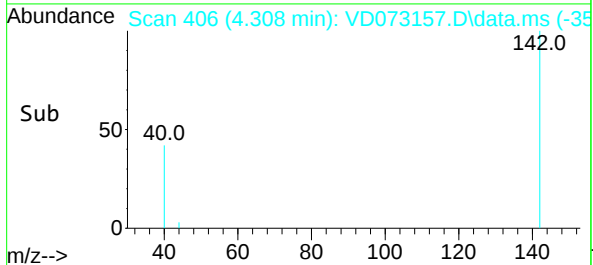
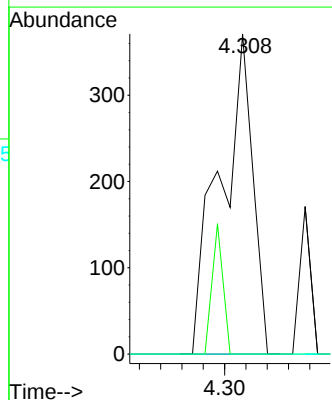
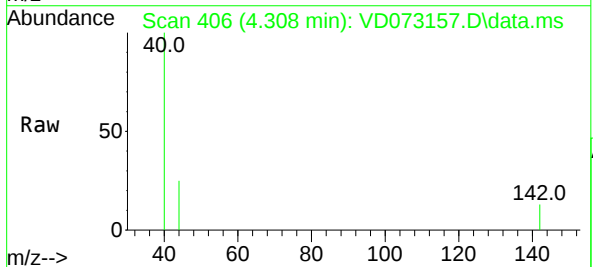
Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-1218-01

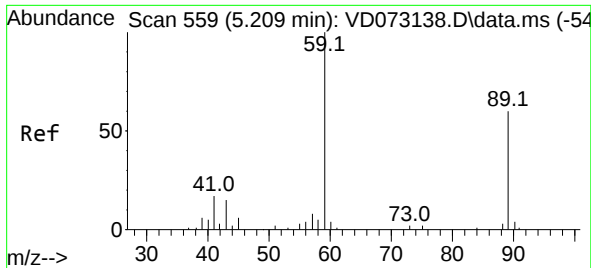
Tgt Ion: 94 Resp: 363
Ion Ratio Lower Upper
94 100
96 56.4 77.6 116.4#



#10
Methyl Iodide
Concen: 1.637 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.011 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

Tgt Ion: 142 Resp: 394
Ion Ratio Lower Upper
142 100
127 13.5 37.3 55.9#
141 0.0 11.7 17.5#

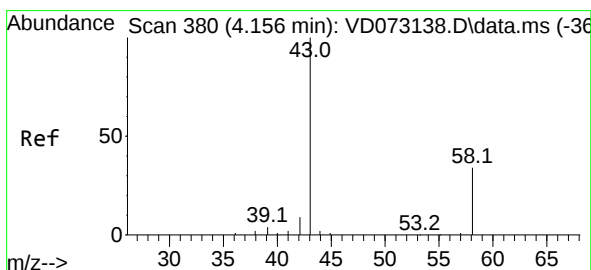
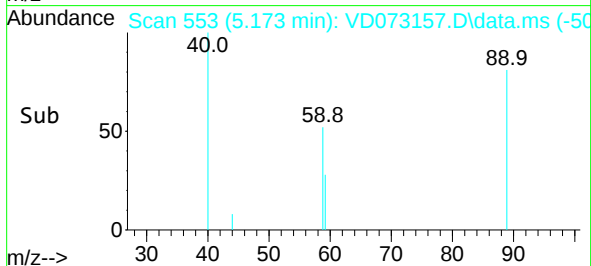
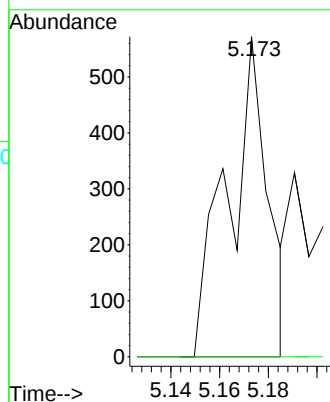
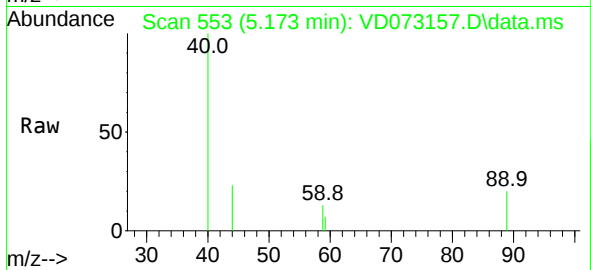




#11
Tert butyl alcohol
Concen: 18.547 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

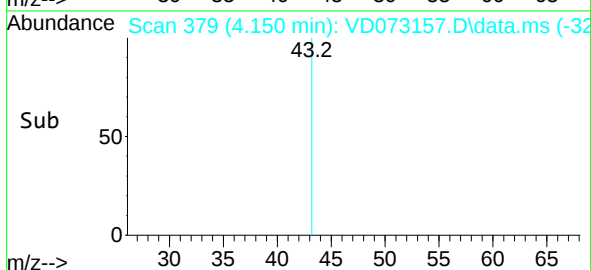
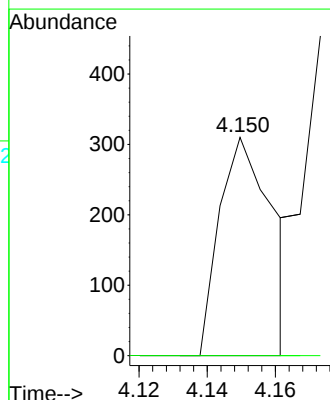
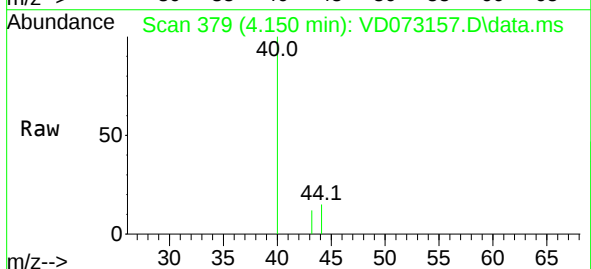
Instrument :
MSVOA_D
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P016-SS001-1218-01

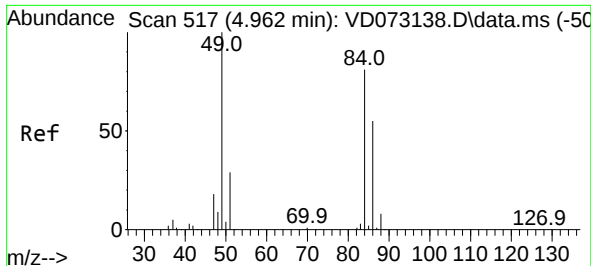
Tgt Ion: 59 Resp: 651
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 8.600 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#

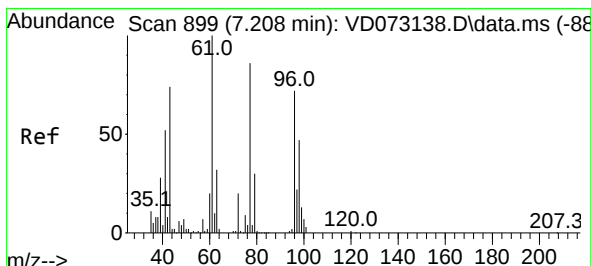
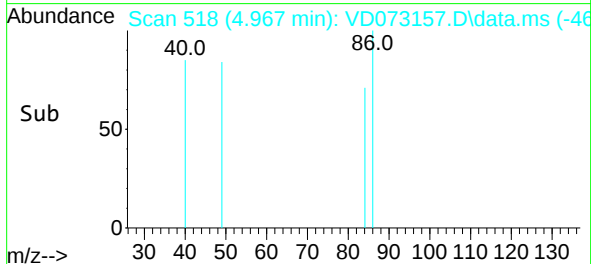
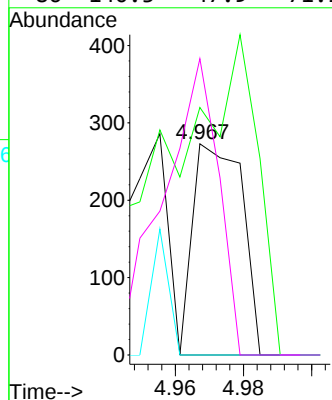
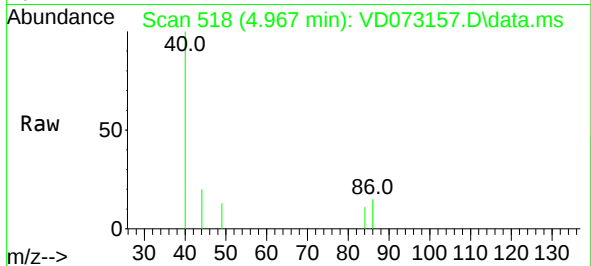




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

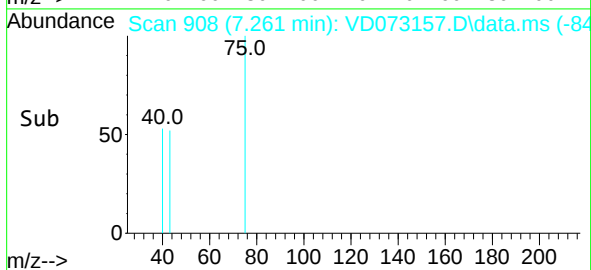
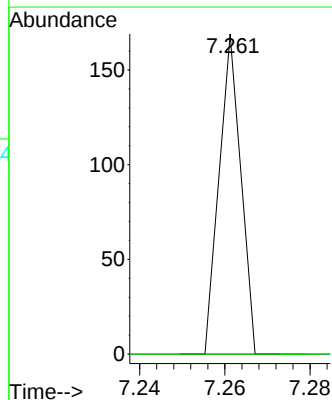
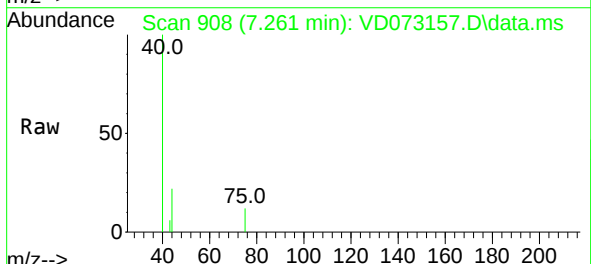
Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-1218-01

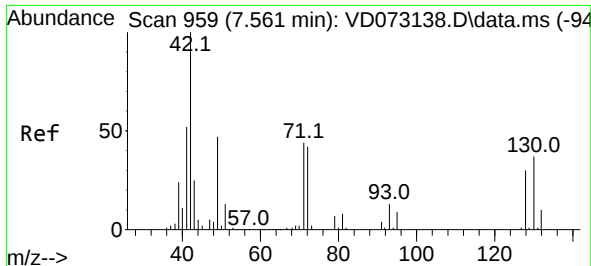
Tgt Ion:	84	Resp:	274
Ion	Ratio	Lower	Upper
84	100		
49	117.2	112.8	169.2
51	0.0	32.6	48.8#
86	140.3	47.9	71.9#



#25
2-Butanone
Concen: 1.047 ug/l
RT: 7.261 min Scan# 908
Delta R.T. 0.053 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

Tgt Ion:	43	Resp:	60
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#29

Tetrahydrofuran

Concen: 3.992 ug/l

RT: 7.567 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD073157.D

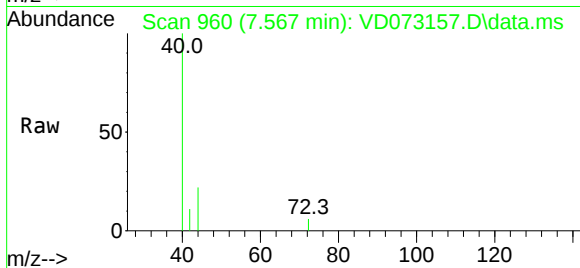
Acq: 20 May 2022 00:07

Instrument :

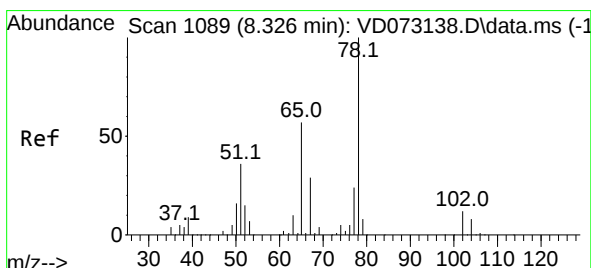
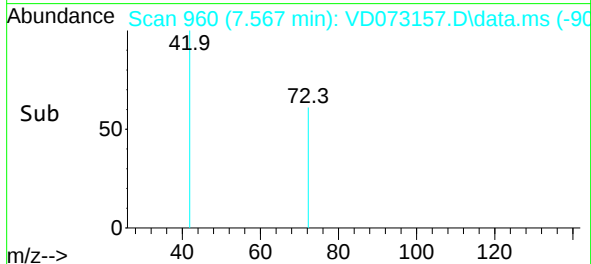
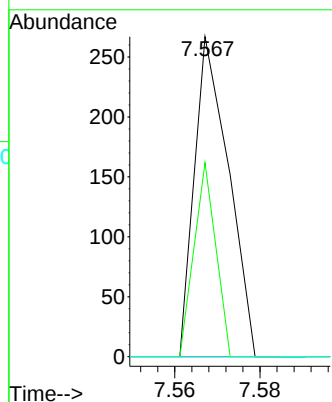
MSVOA_D

ClientSampleId :

P016-SS001-1218-01



Tgt Ion:	42	Resp:	148
Ion Ratio	100	Lower	Upper
42	100		
72	38.5	30.7	46.1
71	0.0	28.6	43.0



#33

1,2-Dichloroethane-d4

Concen: 85.986 ug/l

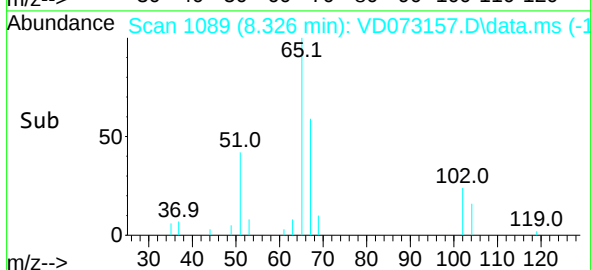
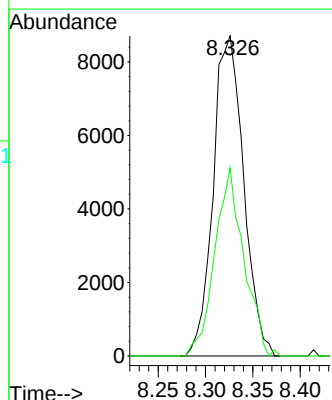
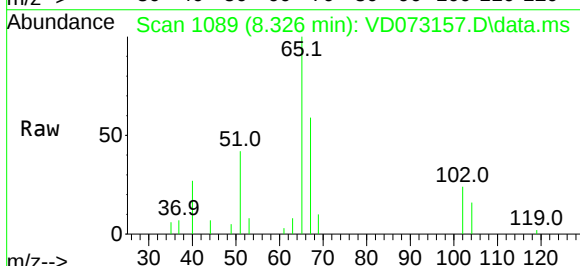
RT: 8.326 min Scan# 1089

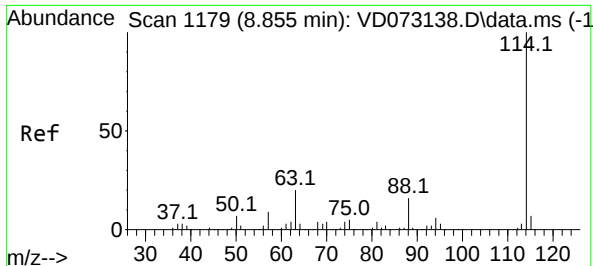
Delta R.T. -0.000 min

Lab File: VD073157.D

Acq: 20 May 2022 00:07

Tgt Ion:	65	Resp:	19453
Ion Ratio	100	Lower	Upper
65	100		
67	56.2	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073157.D

Acq: 20 May 2022 00:07

Instrument :

MSVOA_D

ClientSampleId :

P016-SS001-1218-01

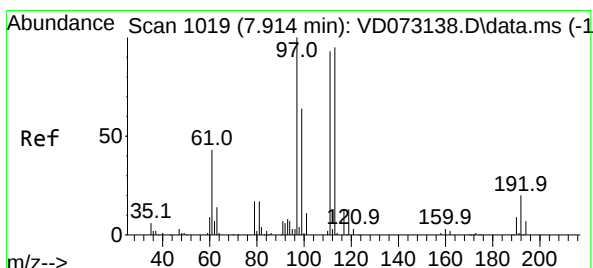
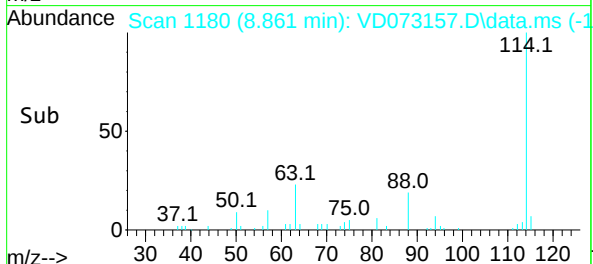
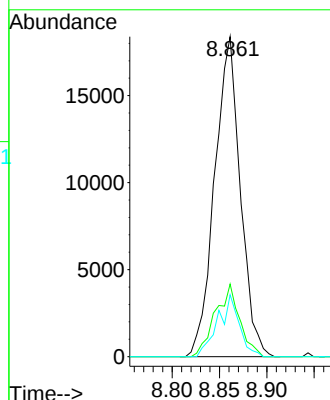
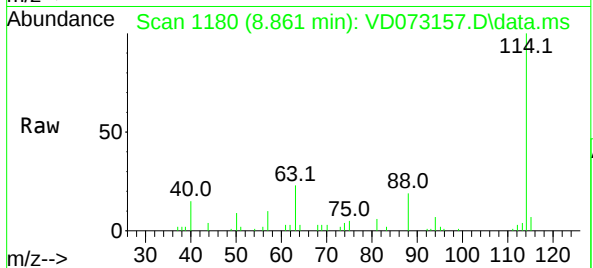
Tgt Ion:114 Resp: 34702

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.6

88 19.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 72.768 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073157.D

Acq: 20 May 2022 00:07

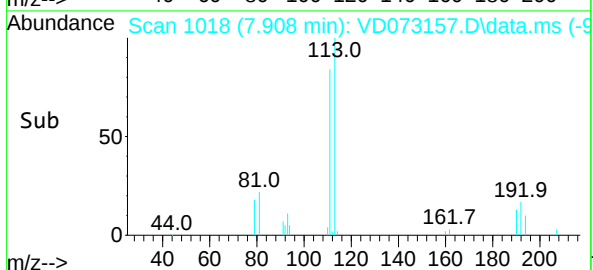
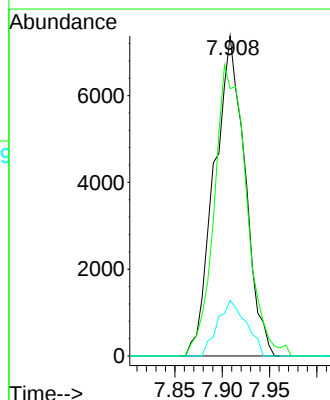
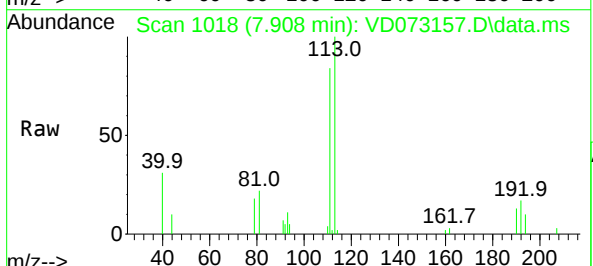
Tgt Ion:113 Resp: 16663

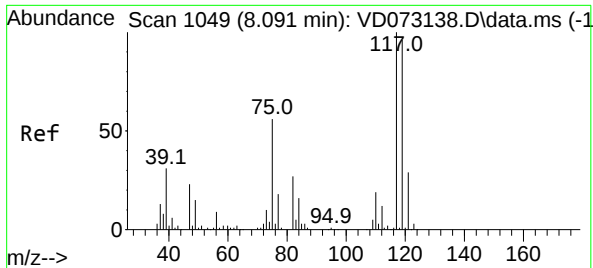
Ion Ratio Lower Upper

113 100

111 95.2 83.8 125.6

192 16.2 14.6 21.8

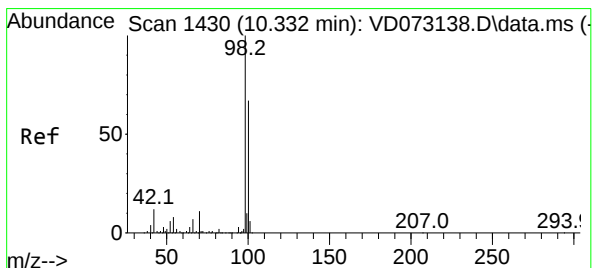
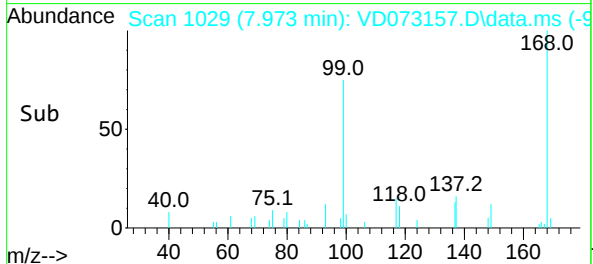
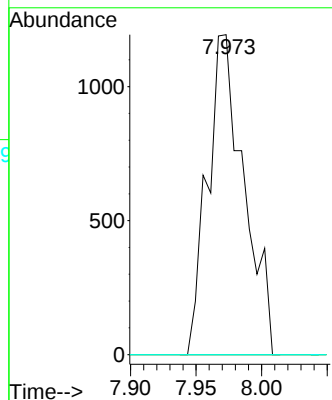
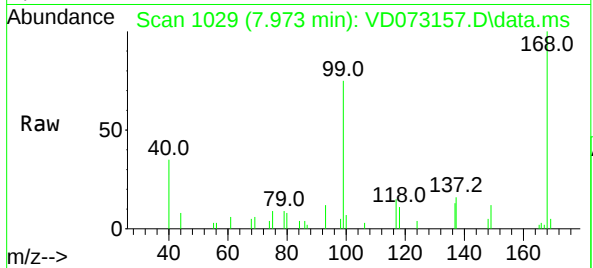




#38
Carbon Tetrachloride
Concen: 6.614 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

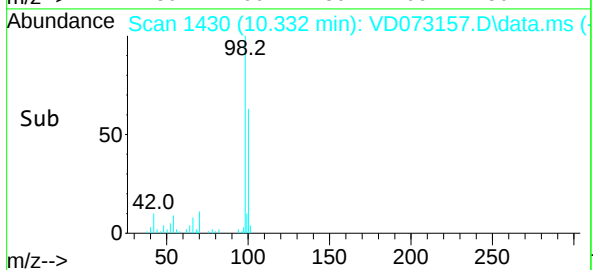
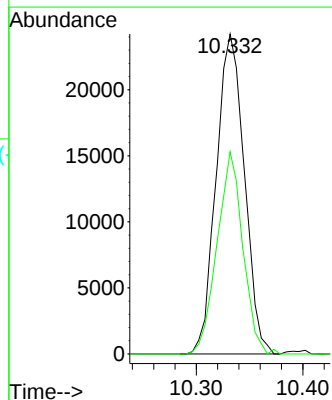
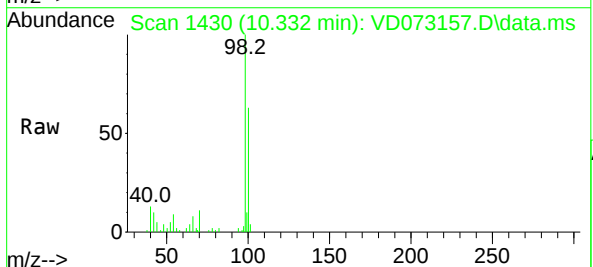
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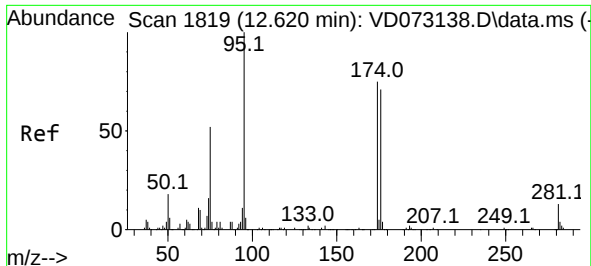
Tgt Ion:117 Resp: 2309
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.573 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

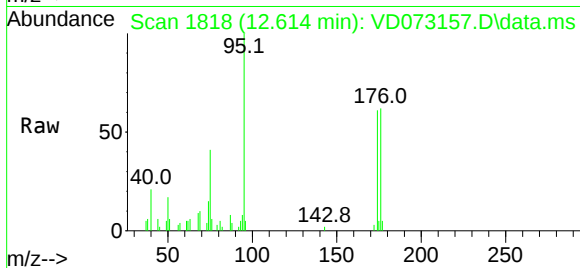
Tgt Ion: 98 Resp: 44377
Ion Ratio Lower Upper
98 100
100 57.9 52.4 78.6



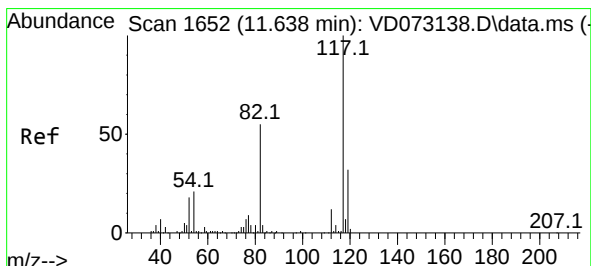
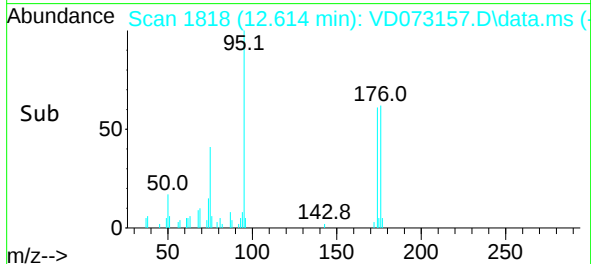
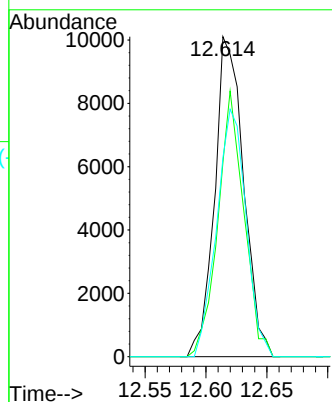


#62
4-Bromofluorobenzene
Concen: 56.392 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-1218-01

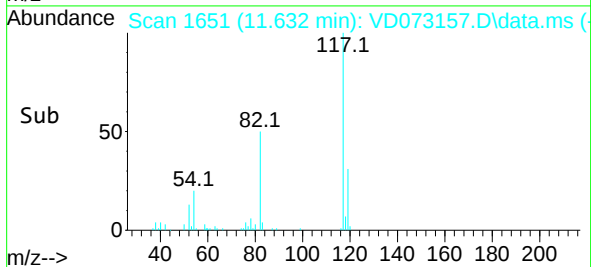
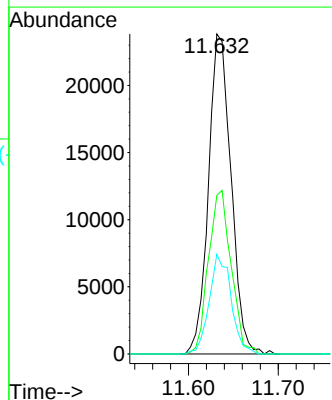
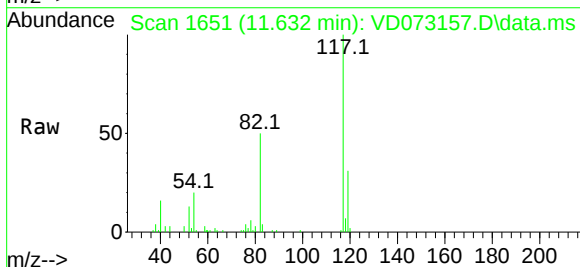


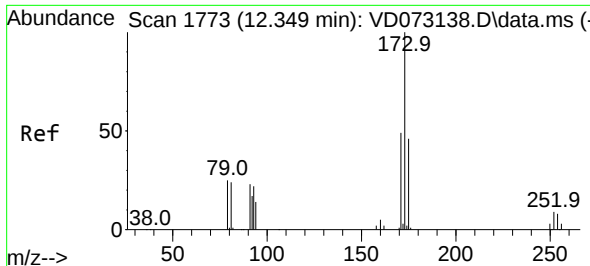
Tgt Ion: 95 Resp: 16705
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 78.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

Tgt Ion: 117 Resp: 41676
Ion Ratio Lower Upper
117 100
82 49.6 45.3 67.9
119 31.2 26.6 40.0

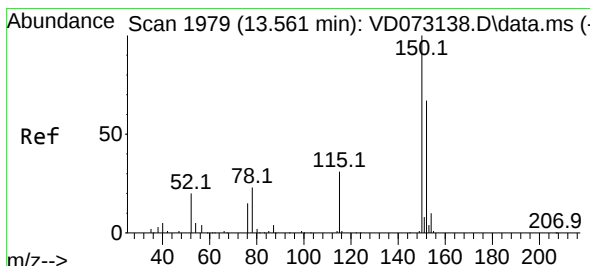
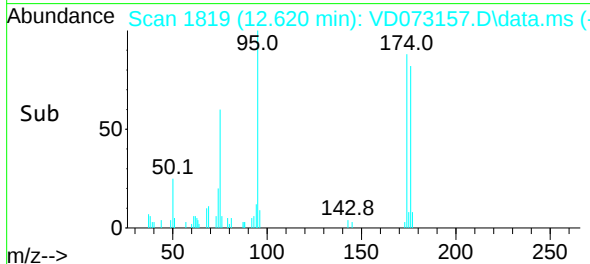
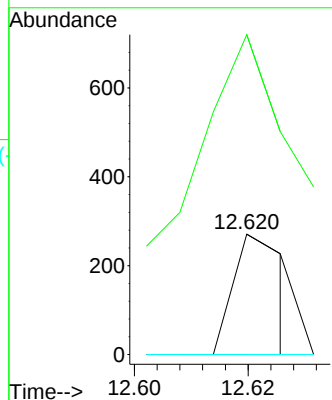
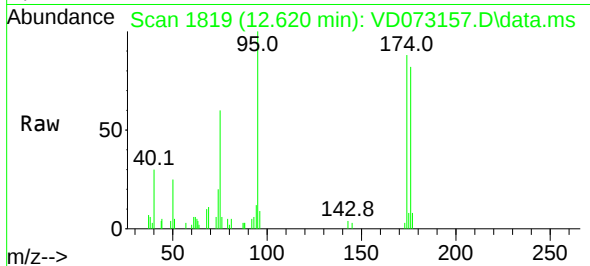




#71
Bromoform
Concen: 1.078 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

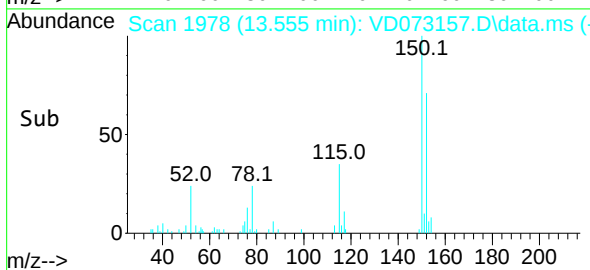
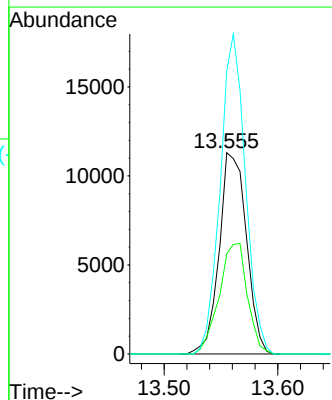
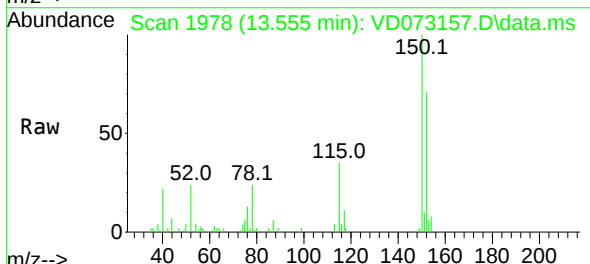
Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-1218-01

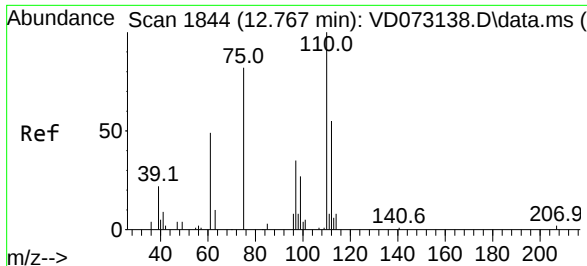
Tgt Ion:173 Resp: 176
Ion Ratio Lower Upper
173 100
175 467.6 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

Tgt Ion:152 Resp: 18807
Ion Ratio Lower Upper
152 100
115 56.9 31.3 93.8
150 147.0 0.0 348.6

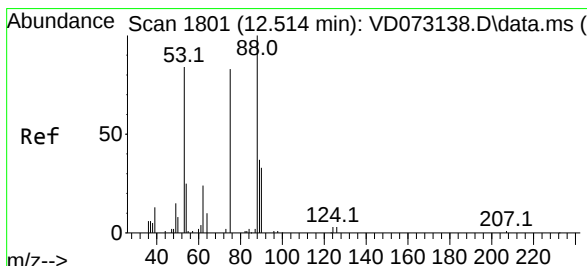
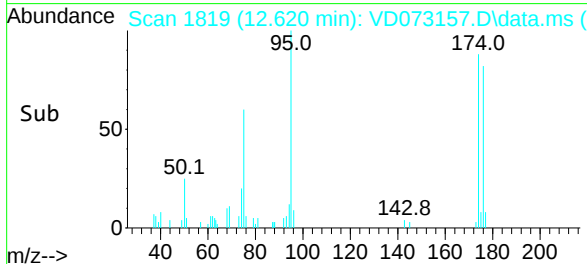
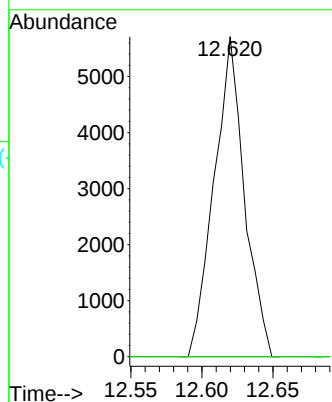
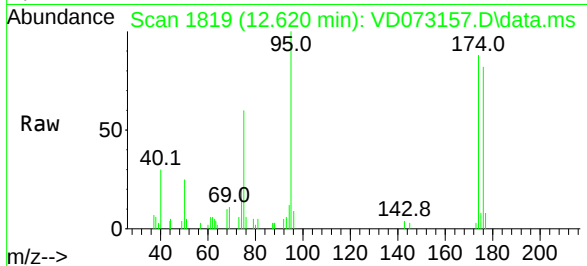




#76
1,2,3-Trichloropropane
Concen: 45.873 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-1218-01

Tgt Ion: 75 Resp: 8465
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 110.128 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

Tgt Ion: 75 Resp: 8465
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

