

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073098.D
 Acq On : 18 May 2022 14:48
 Operator : VA/SY
 Sample : N2820-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STONE-PILERE

Quant Time: May 19 04:44:19 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)

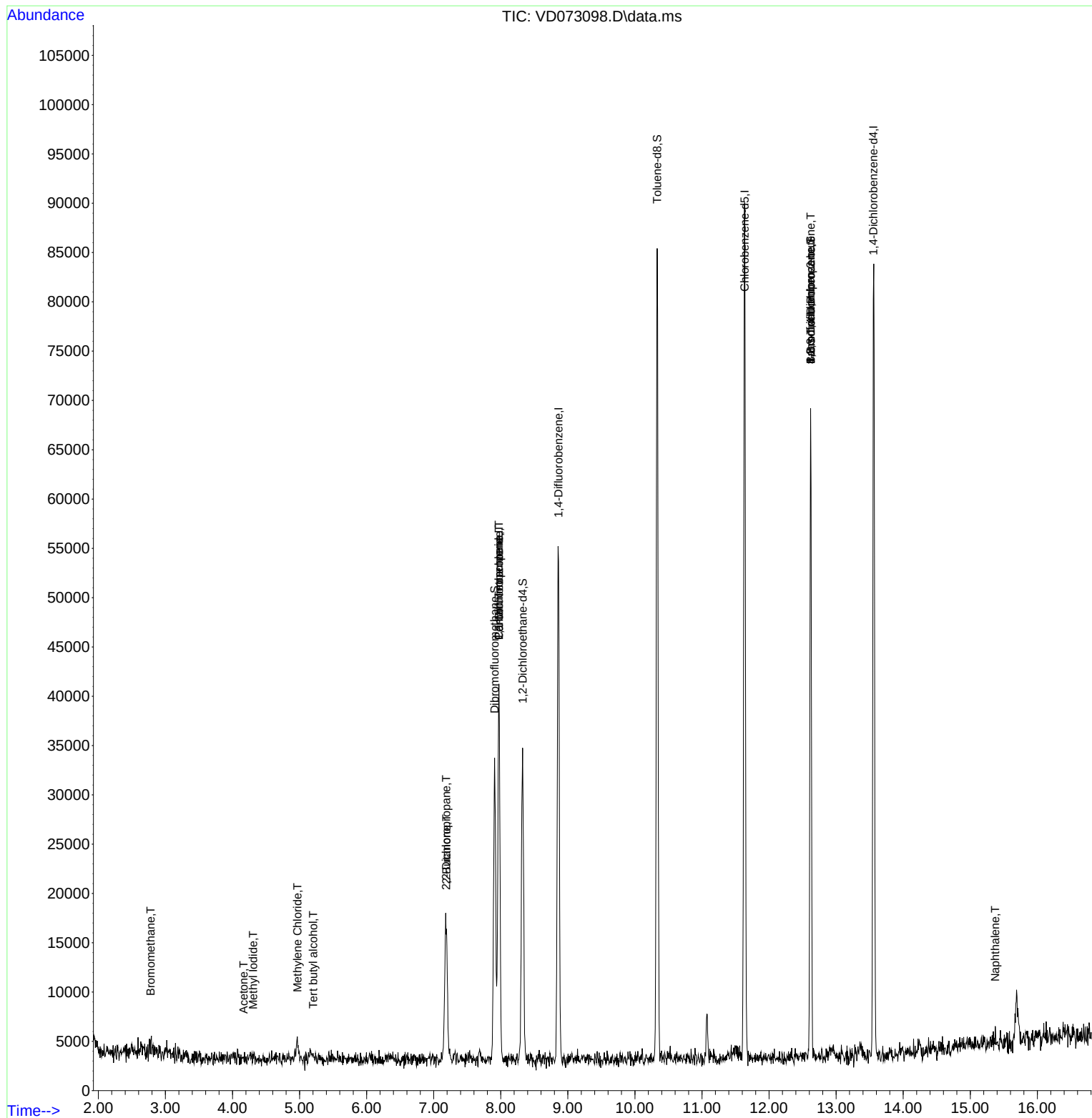
Internal Standards						
1) Pentafluorobenzene	7.973	168	26367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	45256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	51175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	21990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	25529	77.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.840%	
35) Dibromofluoromethane	7.908	113	21858	68.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 137.580%	
50) Toluene-d8	10.332	98	57231	49.648	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	12.620	95	21264	50.930	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.860%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	836	3.765	ug/l #	59
10) Methyl Iodide	4.309	142	149	4.625	ug/l #	38
11) Tert butyl alcohol	5.203	59	354	6.941	ug/l #	74
16) Acetone	4.167	43	253	4.240	ug/l #	47
20) Methylene Chloride	4.967	84	961	2.219	ug/l #	74
25) 2-Butanone	7.191	43	629	6.961	ug/l #	52
26) 2,2-Dichloropropane	7.185	77	773	1.409	ug/l #	54
36) 1,1-Dichloropropene	7.973	75	2601	5.024	ug/l #	45
38) Carbon Tetrachloride	7.973	117	2765	5.220	ug/l #	13
71) Bromoform	12.620	173	258	1.106	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	11541	46.427	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	11541	111.322	ug/l #	7
95) Naphthalene	15.373	128	600	4.901	ug/l #	70

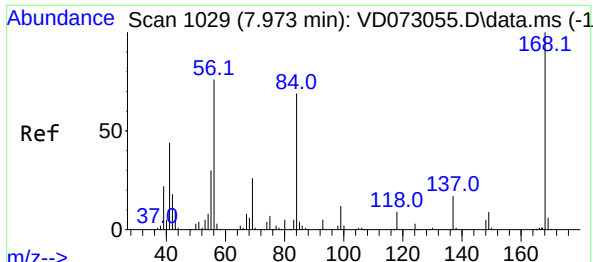
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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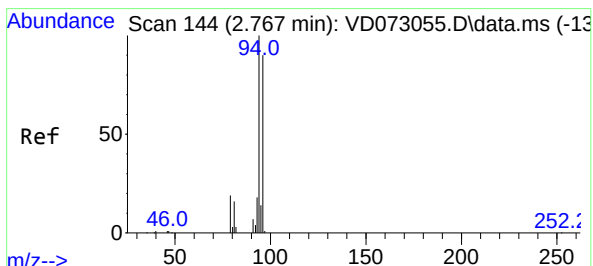
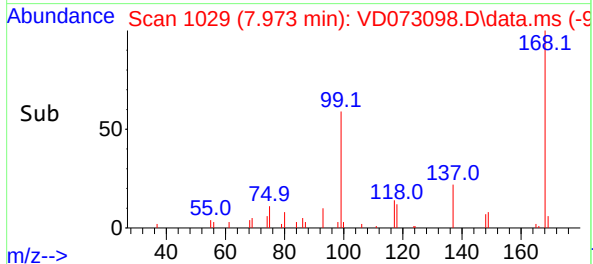
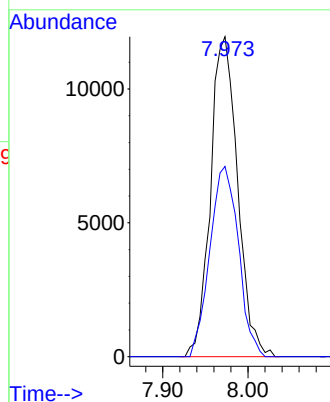
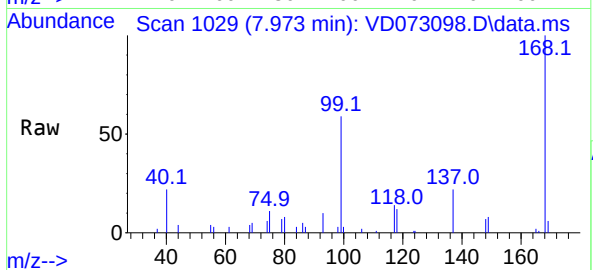




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

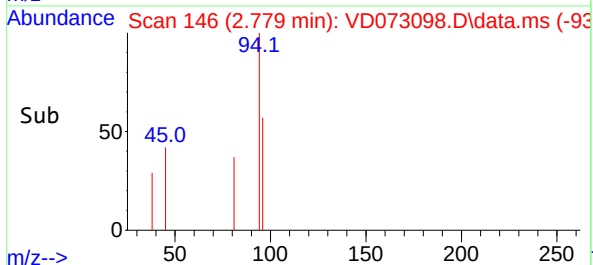
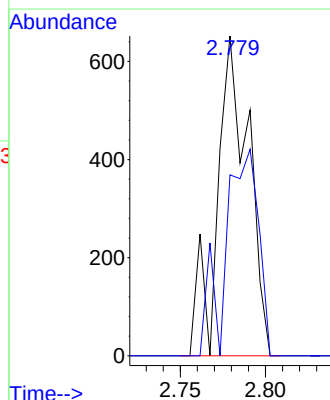
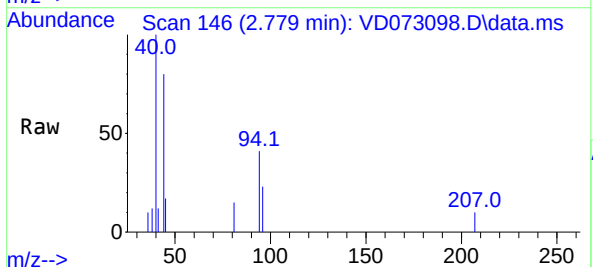
Instrument :
MSVOA_D
ClientSampleId :
STONE-PILERE

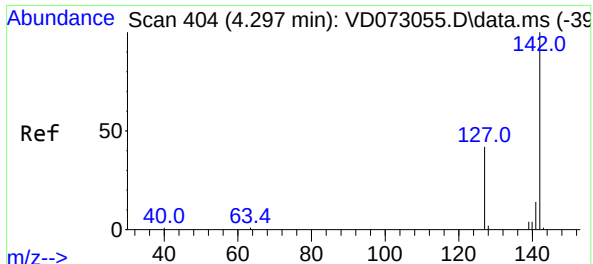
Tgt Ion:168 Resp: 26367
Ion Ratio Lower Upper
168 100
99 59.5 49.8 74.6



#5
Bromomethane
Concen: 3.765 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

Tgt Ion: 94 Resp: 836
Ion Ratio Lower Upper
94 100
96 56.6 77.6 116.4#

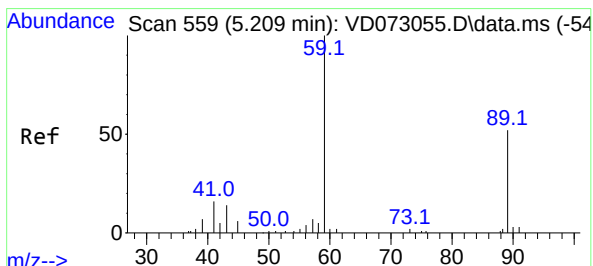
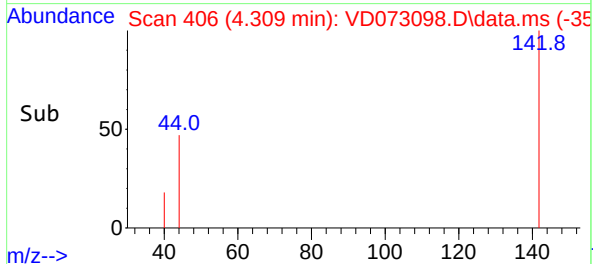
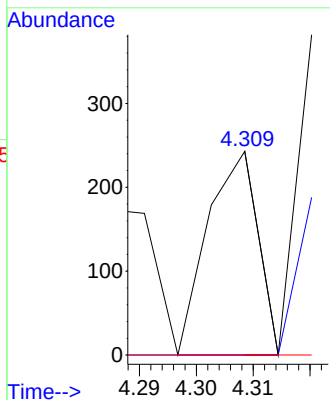
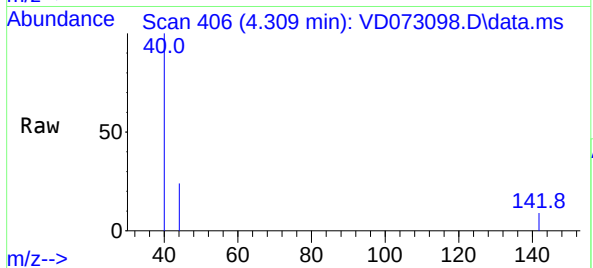




#10
Methyl Iodide
Concen: 4.625 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

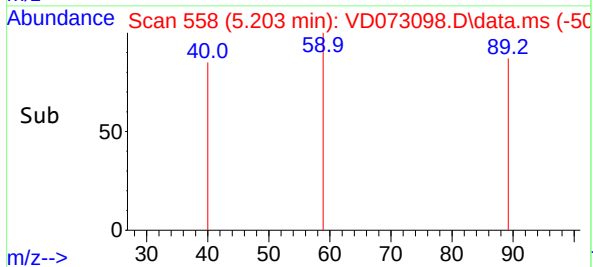
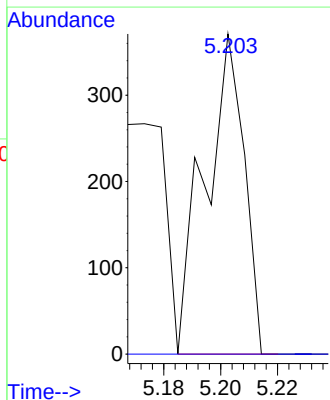
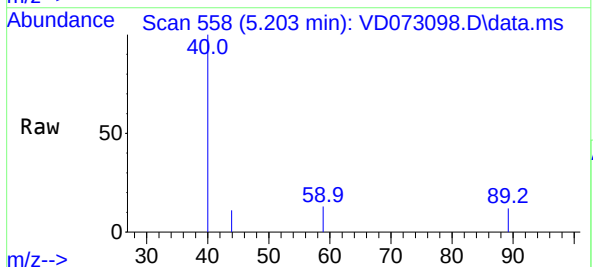
Instrument :
MSVOA_D
ClientSampleId :
STONE-PILERE

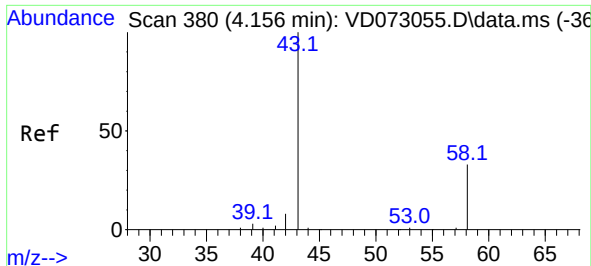
Tgt Ion:142 Resp: 149
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 6.941 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.006 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

Tgt Ion: 59 Resp: 354
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

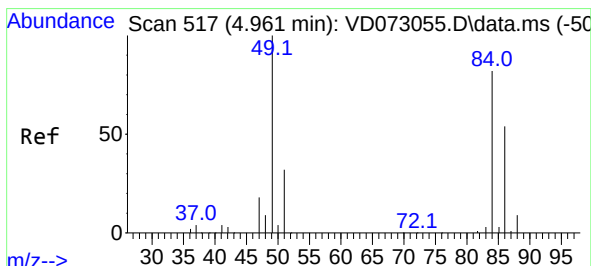
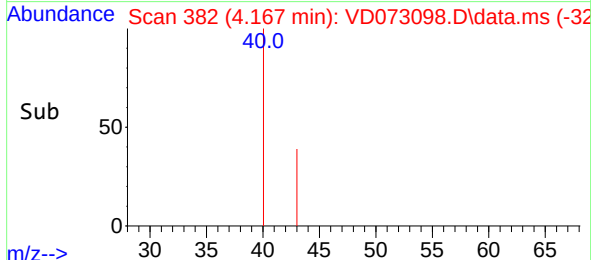
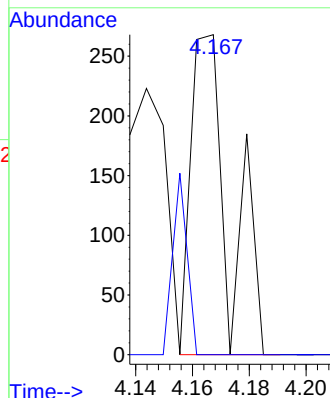
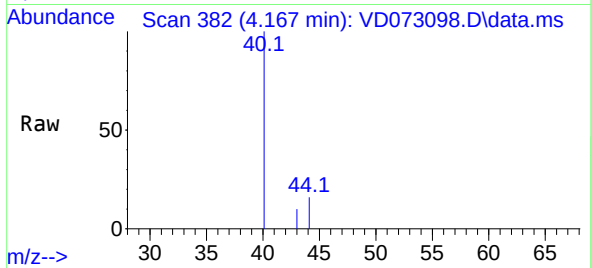




#16
Acetone
Concen: 4.240 ug/l
RT: 4.167 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

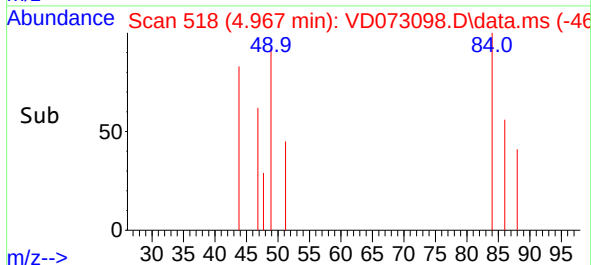
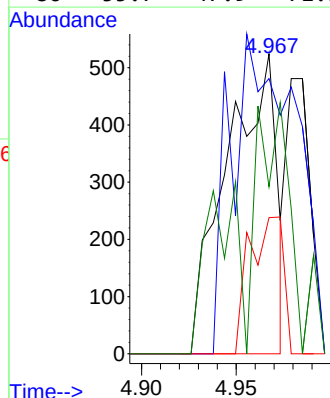
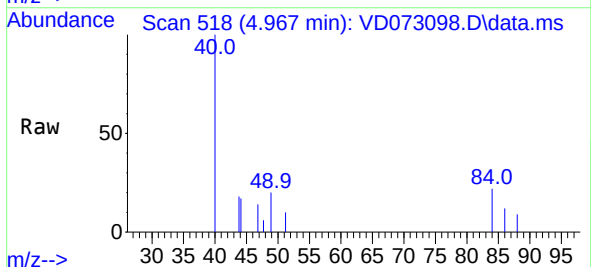
Instrument :
MSVOA_D
ClientSampleId :
STONE-PILERE

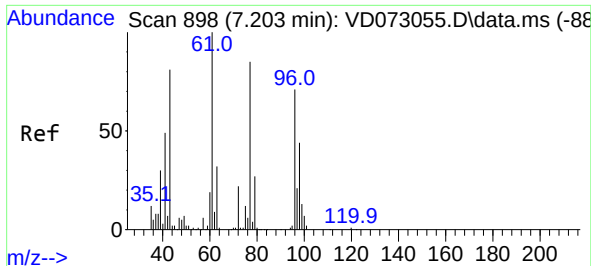
Tgt Ion: 43 Resp: 253
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: 2.219 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

Tgt Ion: 84 Resp: 961
Ion Ratio Lower Upper
84 100
49 91.8 112.8 169.2#
51 45.4 32.6 48.8
86 55.7 47.9 71.9





#25

2-Butanone

Concen: 6.961 ug/l

RT: 7.191 min Scan# 896

Delta R.T. -0.012 min

Lab File: VD073098.D

Acq: 18 May 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

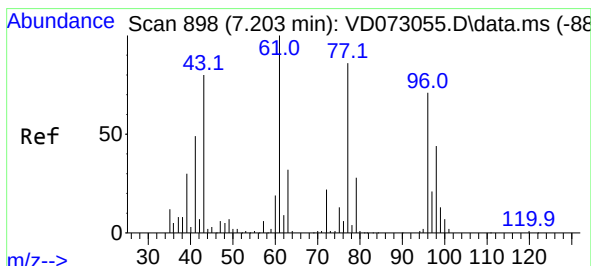
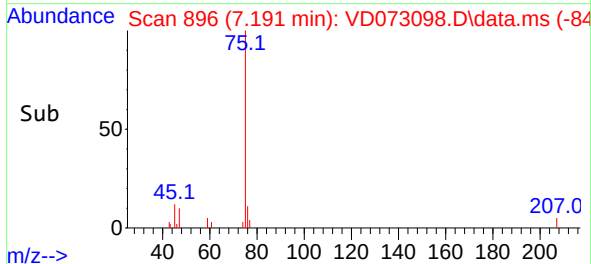
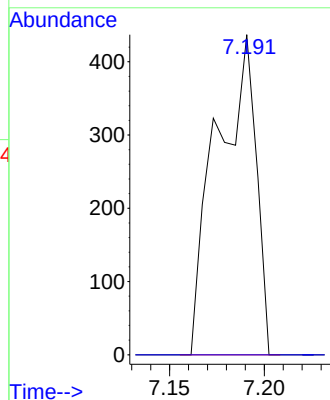
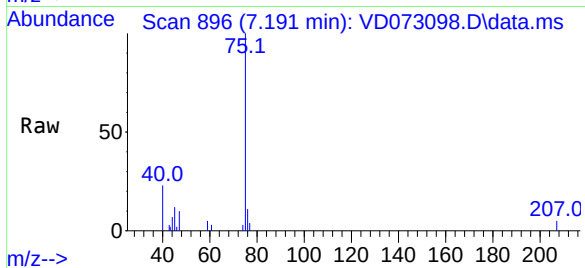
STONE-PILERE

Tgt Ion: 43 Resp: 629

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#26

2,2-Dichloropropane

Concen: 1.409 ug/l

RT: 7.185 min Scan# 895

Delta R.T. -0.018 min

Lab File: VD073098.D

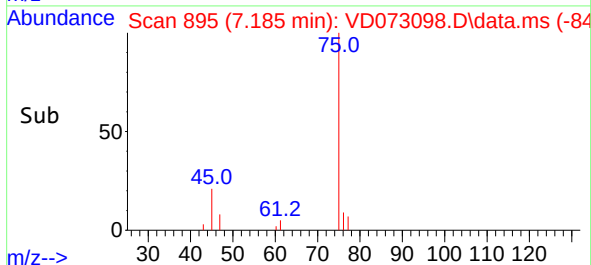
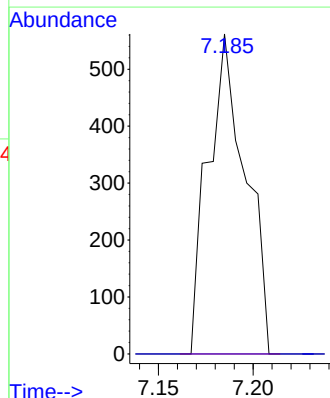
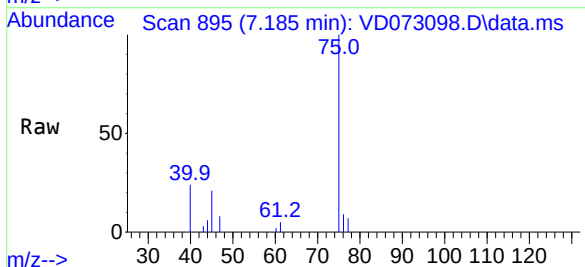
Acq: 18 May 2022 14:48

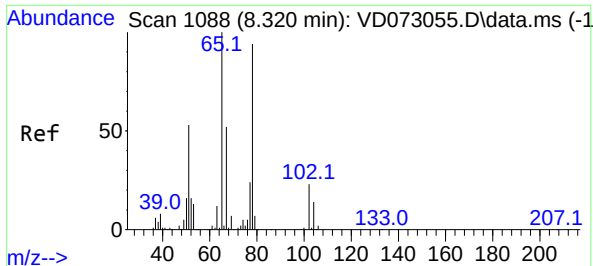
Tgt Ion: 77 Resp: 773

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.4#

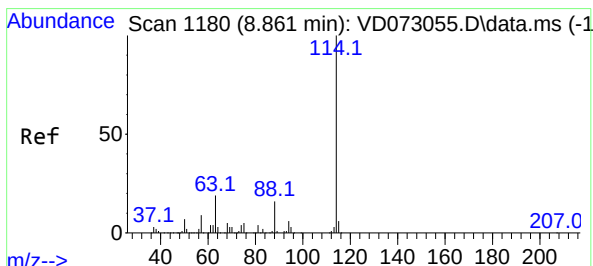
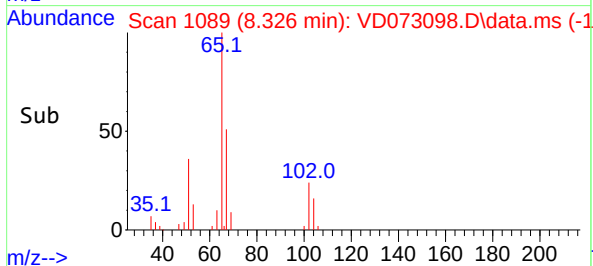
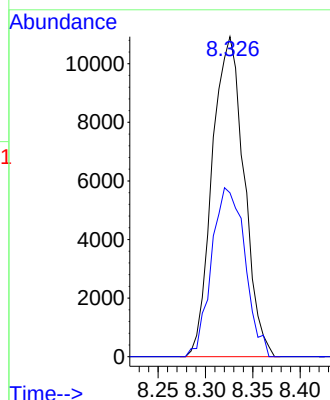
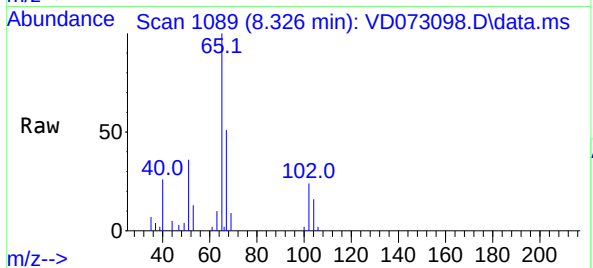




#33
1,2-Dichloroethane-d4
Concen: 77.422 ug/l
RT: 8.326 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

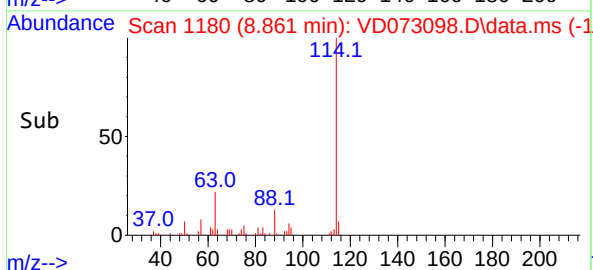
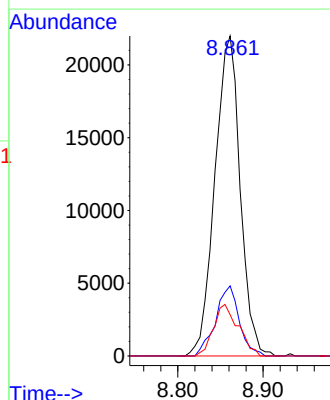
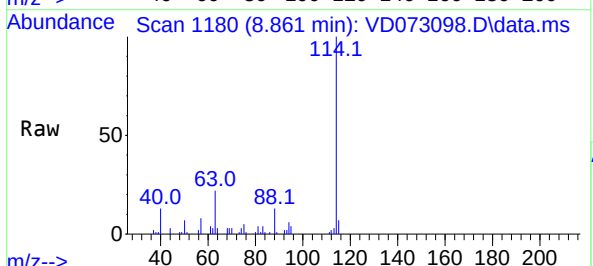
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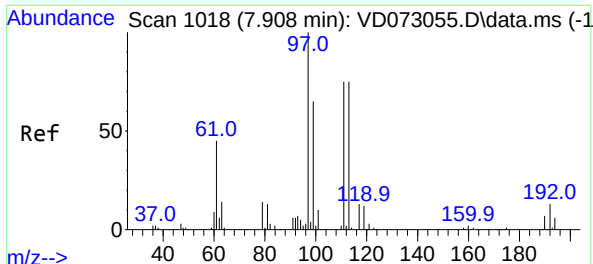
Tgt Ion: 65 Resp: 25529
Ion Ratio Lower Upper
65 100
67 55.3 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

Tgt Ion: 114 Resp: 45256
Ion Ratio Lower Upper
114 100
63 21.9 0.0 46.6
88 12.9 0.0 33.2

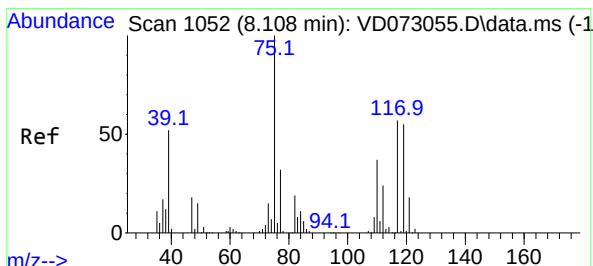
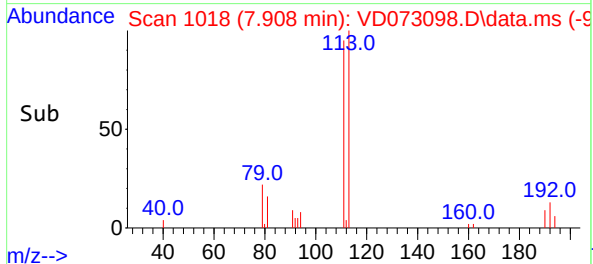
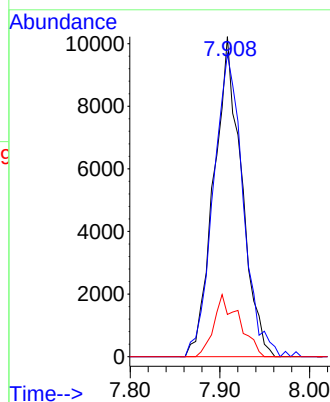
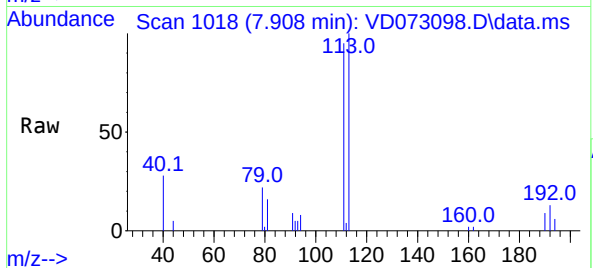




#35
Dibromofluoromethane
Concen: 68.790 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

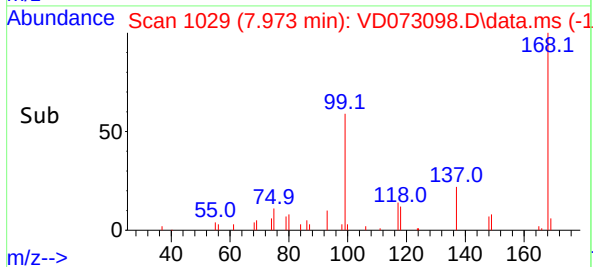
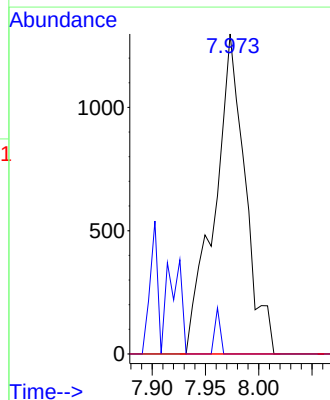
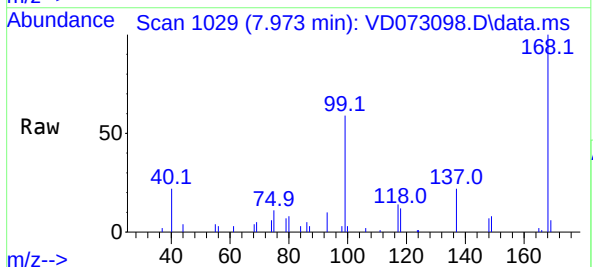
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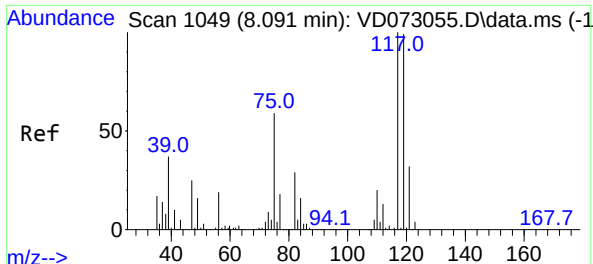
Tgt Ion:113 Resp: 21858
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.6
192 17.8 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.024 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

Tgt Ion: 75 Resp: 2601
Ion Ratio Lower Upper
75 100
110 2.5 16.4 49.1#
77 0.0 24.2 36.2#

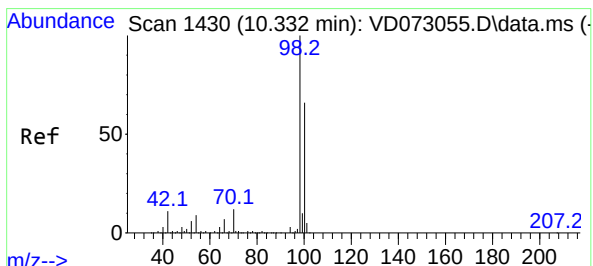
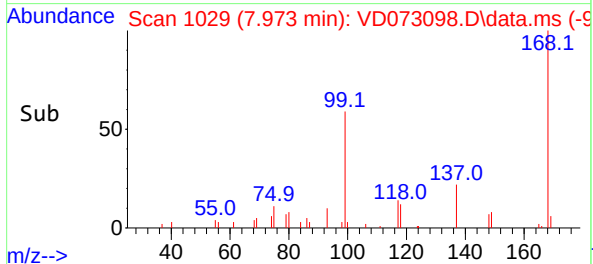
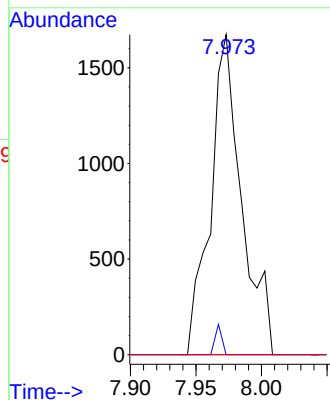
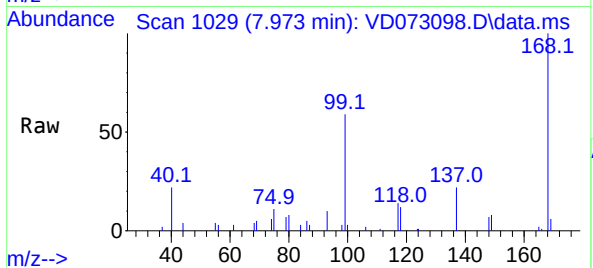




#38
Carbon Tetrachloride
Concen: 5.220 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

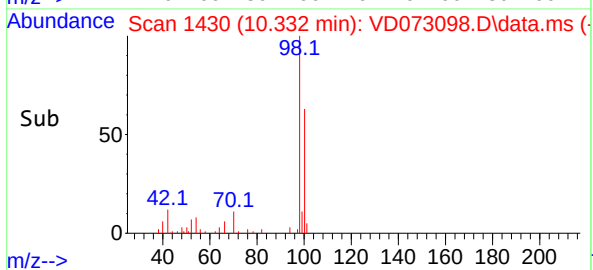
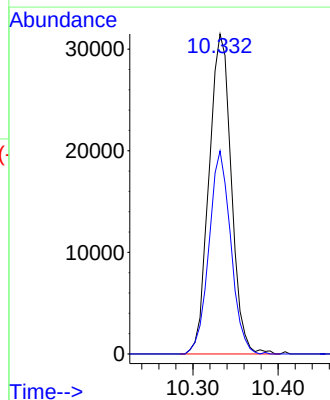
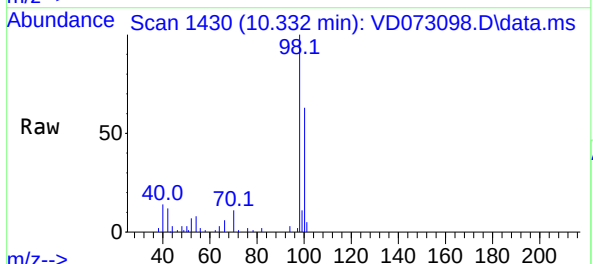
Instrument :
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STONE-PILERE

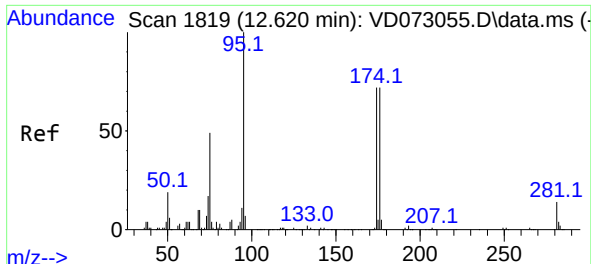
Tgt Ion:117 Resp: 2765
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.648 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

Tgt Ion: 98 Resp: 57231
Ion Ratio Lower Upper
98 100
100 62.1 52.4 78.6

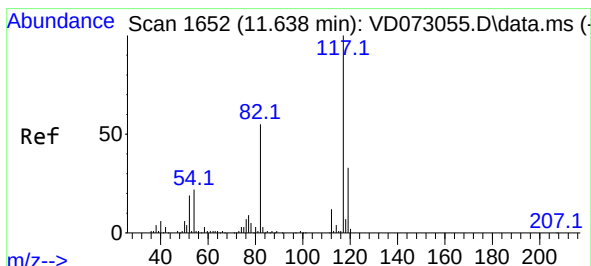
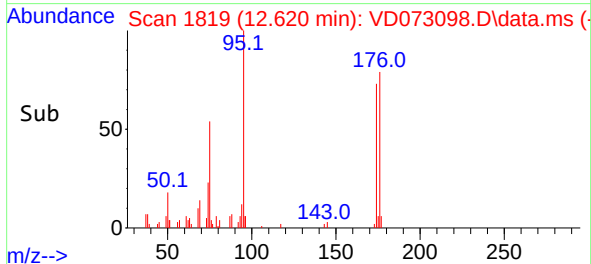
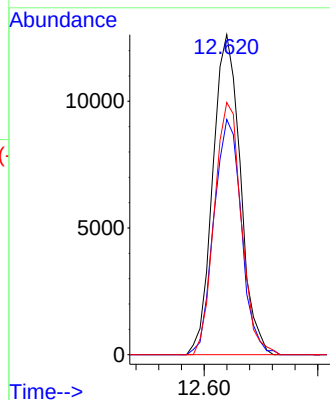
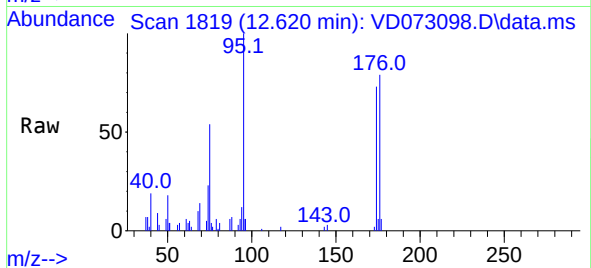




#62
4-Bromofluorobenzene
Concen: 50.930 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

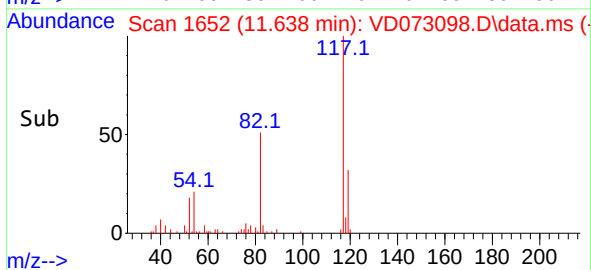
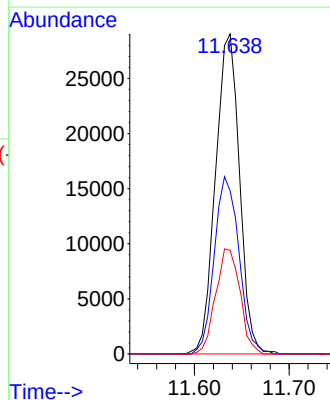
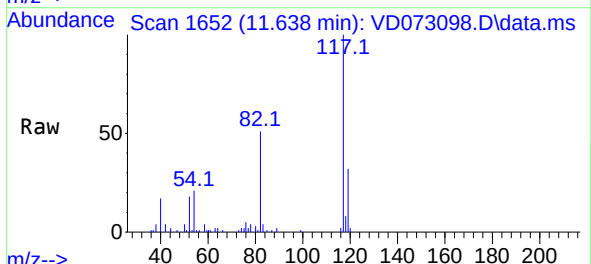
Instrument :
MSVOA_D
ClientSampleId :
STONE-PILERE

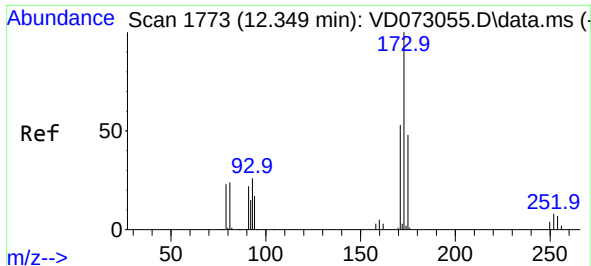
Tgt Ion: 95 Resp: 21264
Ion Ratio Lower Upper
95 100
174 73.5 0.0 152.8
176 77.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

Tgt Ion: 117 Resp: 51175
Ion Ratio Lower Upper
117 100
82 50.9 45.3 67.9
119 32.4 26.6 40.0

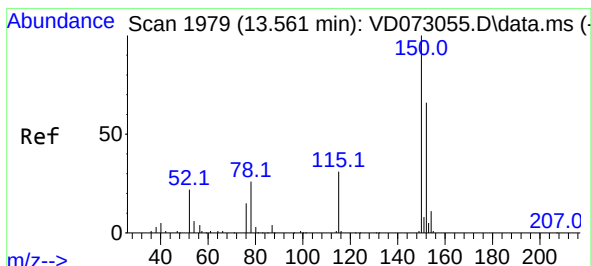
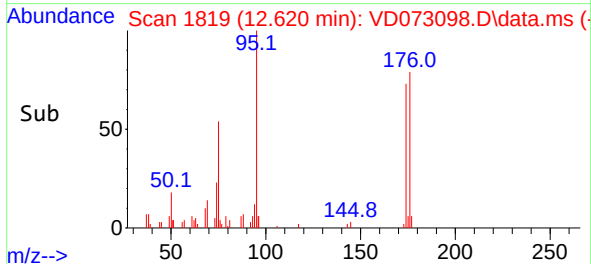
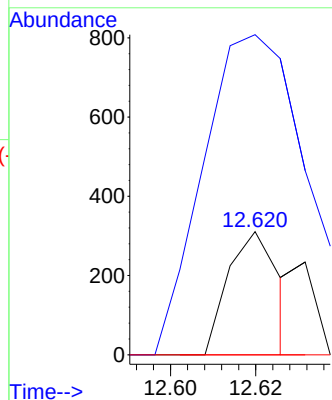
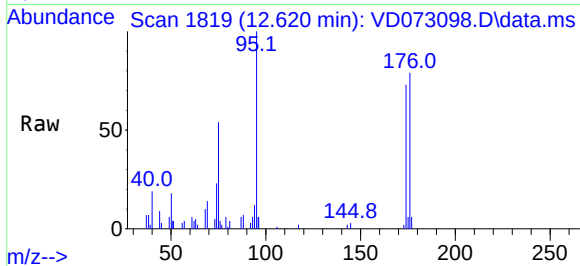




#71
Bromoform
Concen: 1.106 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

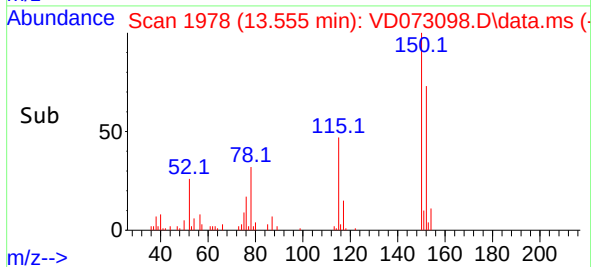
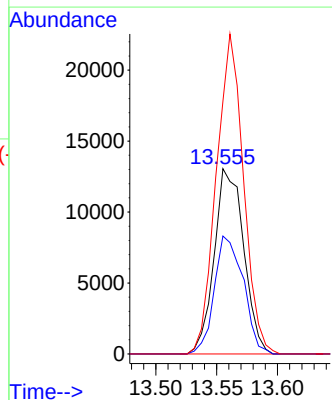
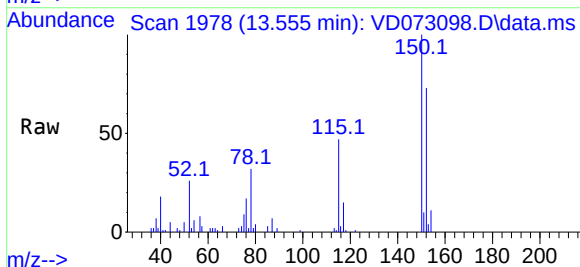
Instrument :
MSVOA_D
ClientSampleId :
STONE-PILERE

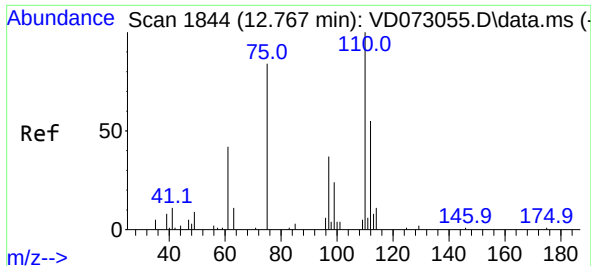
Tgt Ion:173 Resp: 258
Ion Ratio Lower Upper
173 100
175 417.4 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

Tgt Ion:152 Resp: 21990
Ion Ratio Lower Upper
152 100
115 62.4 31.3 93.8
150 159.4 0.0 348.6

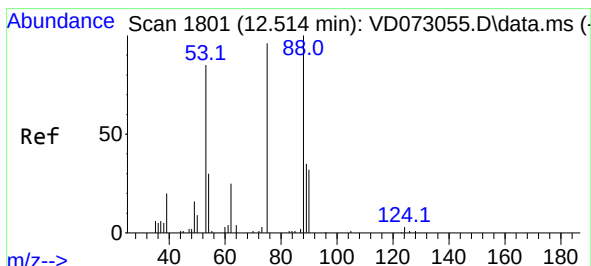
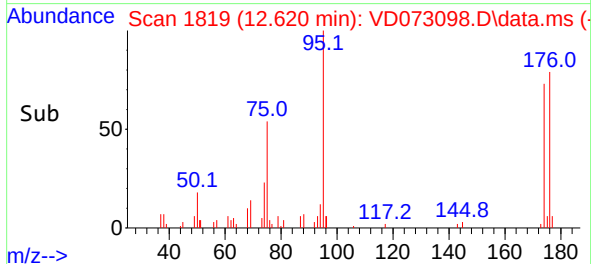
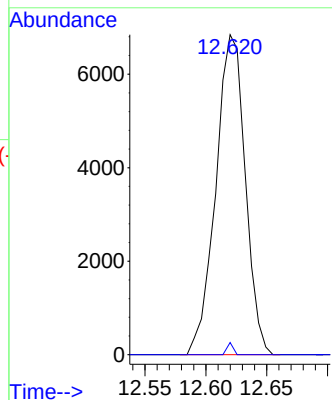
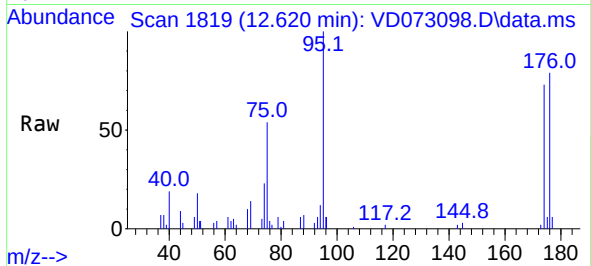




#76
1,2,3-Trichloropropane
Concen: 46.427 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

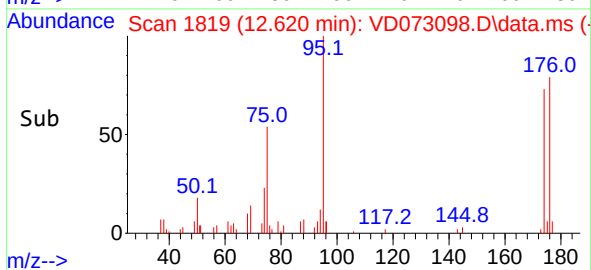
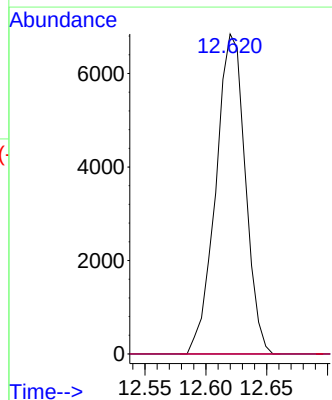
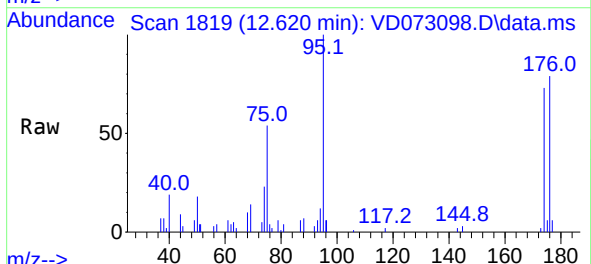
Instrument :
MSVOA_D
ClientSampleId :
STONE-PILERE

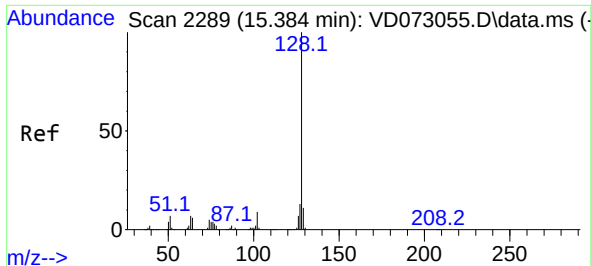
Tgt Ion: 75 Resp: 11541
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.322 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

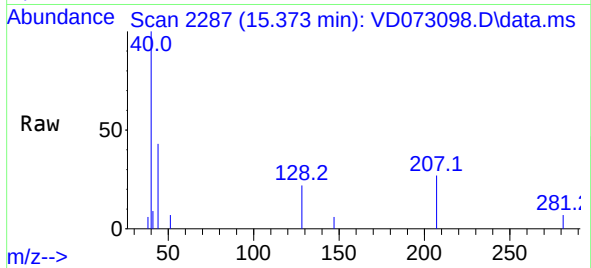
Tgt Ion: 75 Resp: 11541
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 4.901 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.011 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

Instrument :
MSVOA_D
ClientSampleId :
STONE-PILERE



Tgt Ion:	128	Resp:	600
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

