

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073158.D
 Acq On : 20 May 2022 00:36
 Operator : VA/SY
 Sample : N2842-06
 Misc : 4.97G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS002-0006-01

Quant Time: May 20 01:52:26 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)

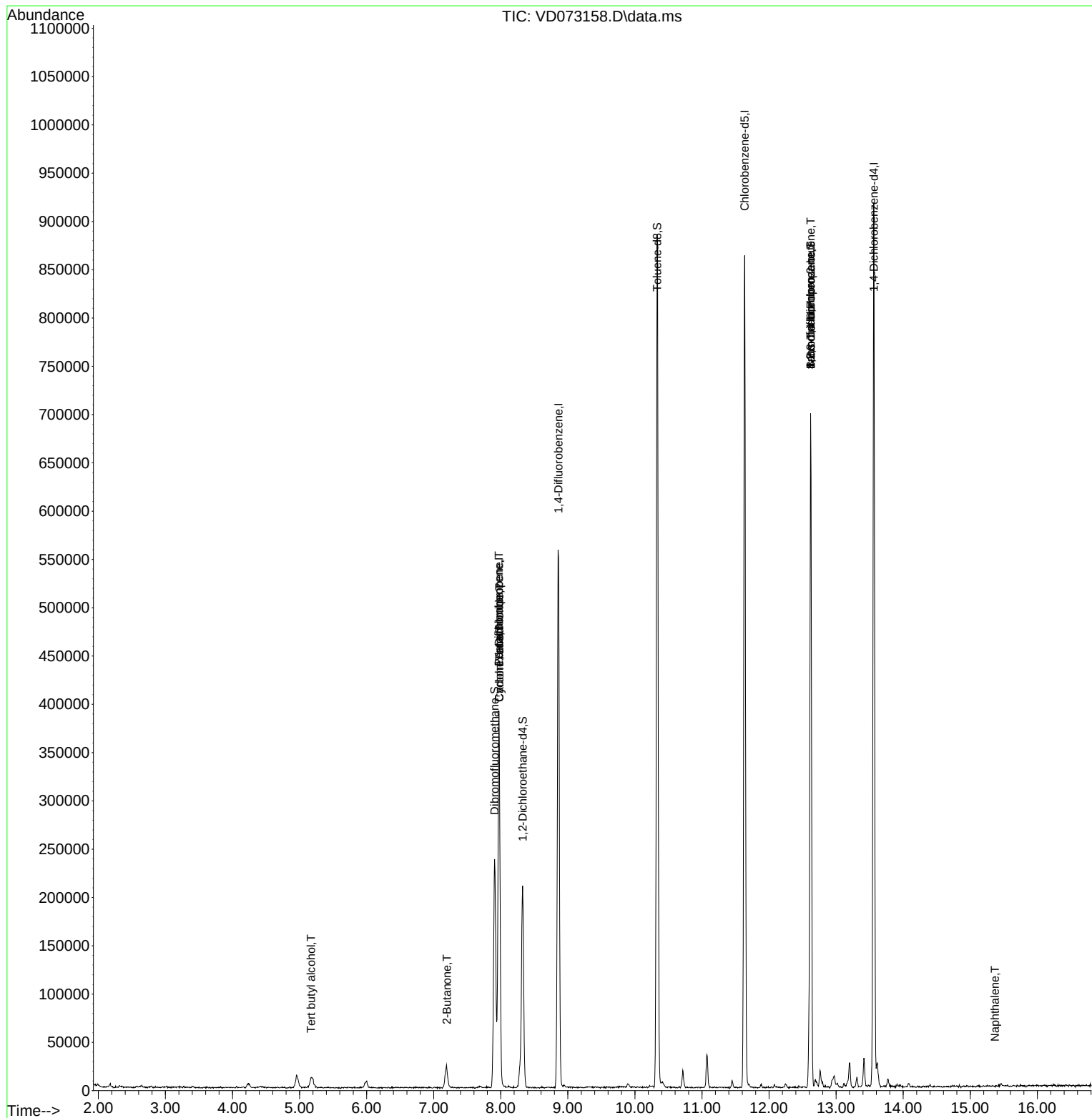
Internal Standards						
1) Pentafluorobenzene	7.973	168	269277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	480467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	508125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	235242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	158991	53.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.860%	
35) Dibromofluoromethane	7.908	113	173462	54.712	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.420%	
50) Toluene-d8	10.332	98	608301	52.049	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.100%	
62) 4-Bromofluorobenzene	12.620	95	230505	56.201	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.400%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	682	Below Cal		92
11) Tert butyl alcohol	5.173	59	11407	24.706	ug/l #	74
20) Methylene Chloride	4.956	84	9566	Below Cal	#	74
25) 2-Butanone	7.197	43	1349	1.789	ug/l #	52
31) Cyclohexane	7.979	56	6127	1.178	ug/l #	8
36) 1,1-Dichloropropene	7.973	75	24296	5.095	ug/l #	50
38) Carbon Tetrachloride	7.979	117	29044	6.009	ug/l #	19
71) Bromoform	12.620	173	2121	1.066	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	116014	50.263	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	116014	120.666	ug/l #	8
95) Naphthalene	15.367	128	122	3.556	ug/l #	70

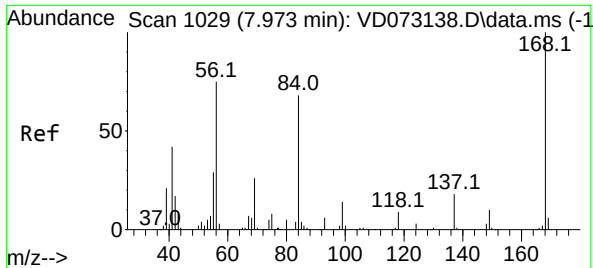
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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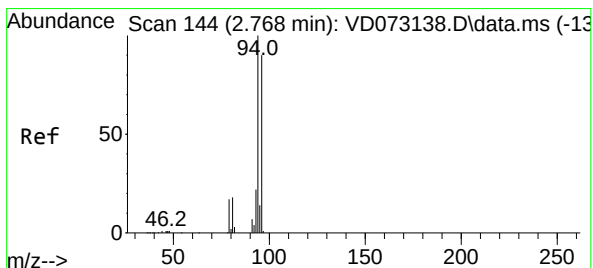
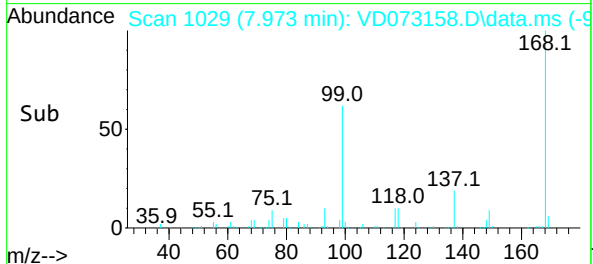
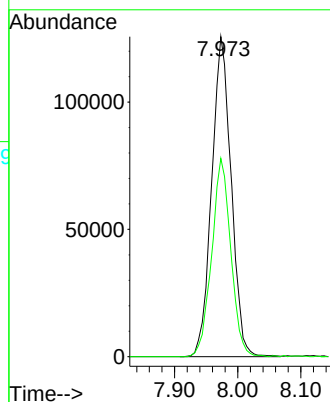
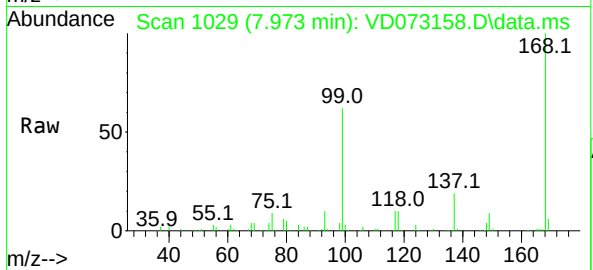




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073158.D
Acq: 20 May 2022 00:36

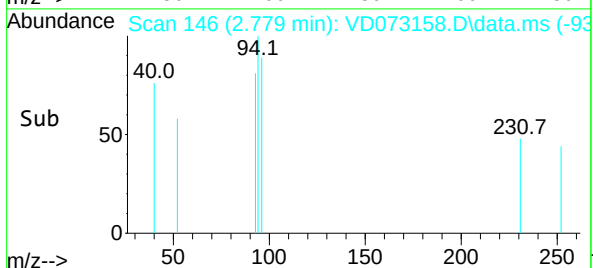
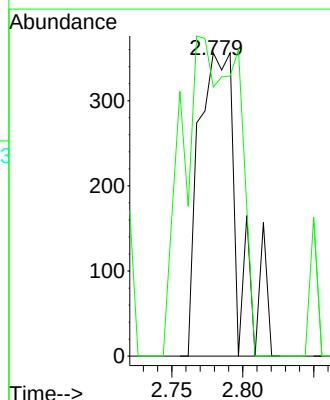
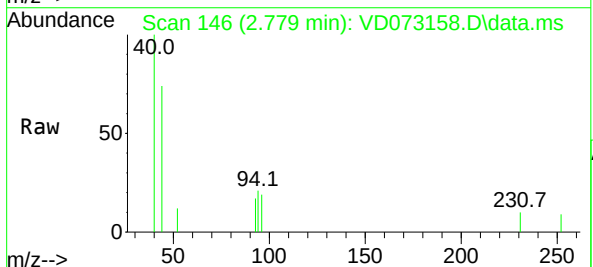
Instrument :
MSVOA_D
ClientSampleId :
P016-SS002-0006-01

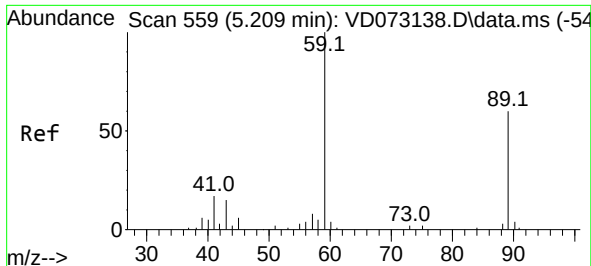
Tgt Ion:168 Resp: 269277
Ion Ratio Lower Upper
168 100
99 62.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073158.D
Acq: 20 May 2022 00:36

Tgt Ion: 94 Resp: 682
Ion Ratio Lower Upper
94 100
96 88.8 77.6 116.4

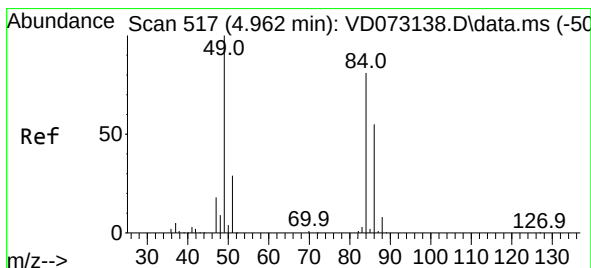
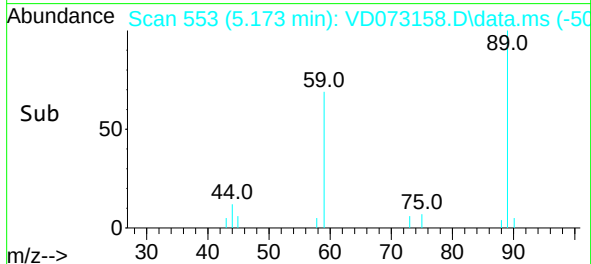
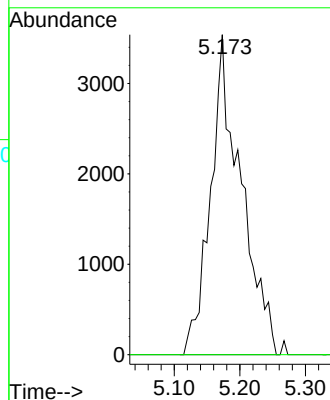
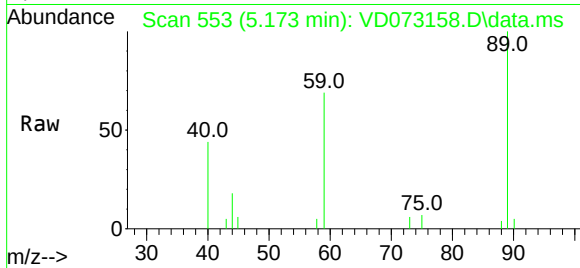




#11
Tert butyl alcohol
Concen: 24.706 ug/l
RT: 5.173 min Scan# 516
Delta R.T. -0.036 min
Lab File: VD073158.D
Acq: 20 May 2022 00:36

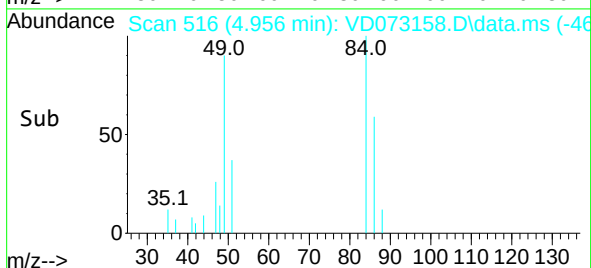
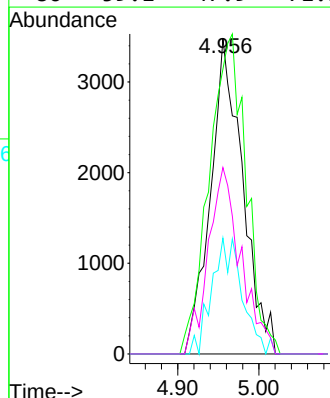
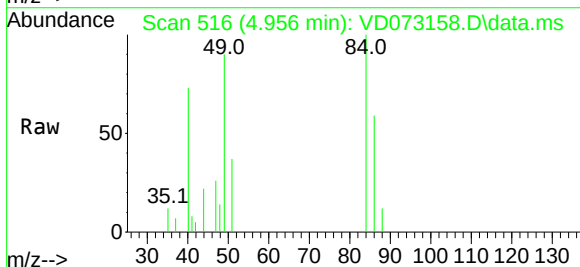
Instrument :
MSVOA_D
ClientSampleId :
P016-SS002-0006-01

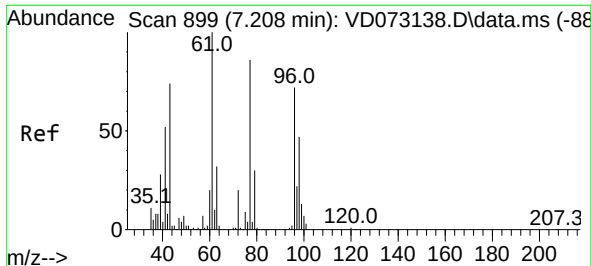
Tgt Ion: 59 Resp: 11407
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073158.D
Acq: 20 May 2022 00:36

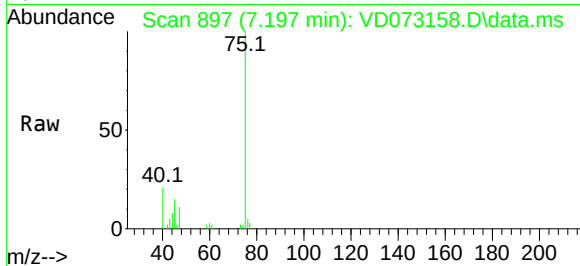
Tgt Ion: 84 Resp: 9566
Ion Ratio Lower Upper
84 100
49 90.2 112.8 169.2#
51 36.7 32.6 48.8
86 59.1 47.9 71.9



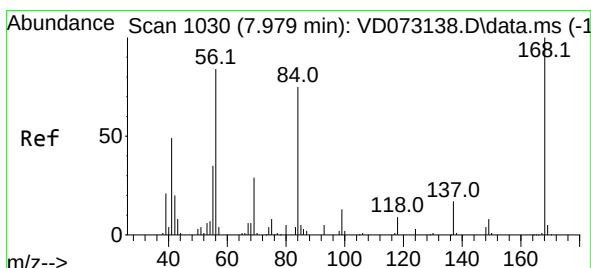
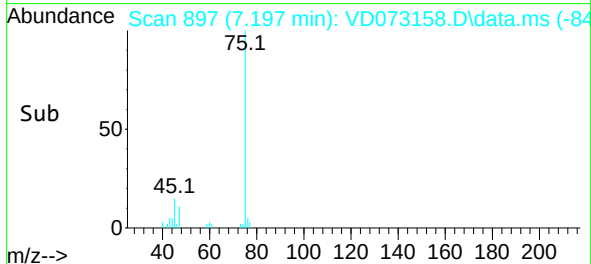
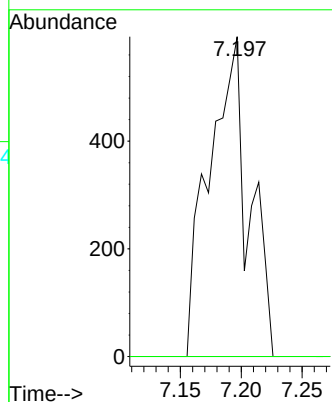


#25
2-Butanone
Concen: 1.789 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.011 min
Lab File: VD073158.D
Acq: 20 May 2022 00:36

Instrument :
MSVOA_D
ClientSampleId :
P016-SS002-0006-01

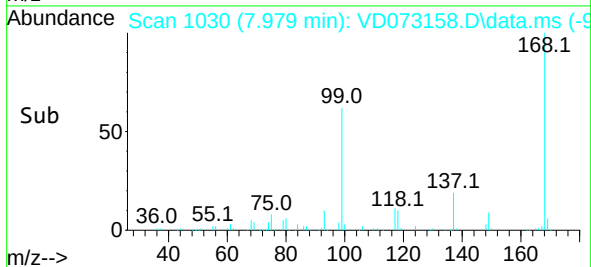
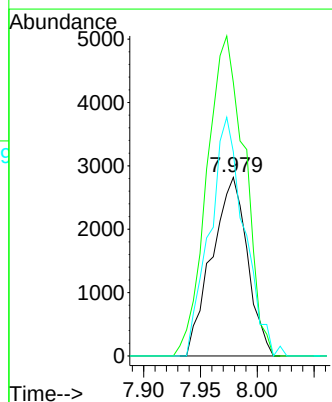
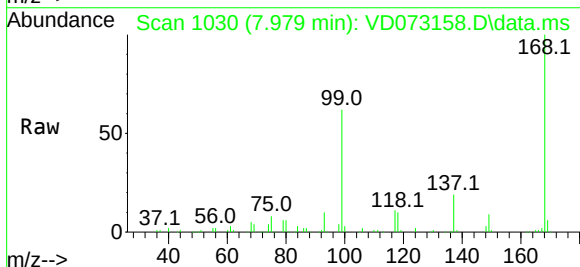


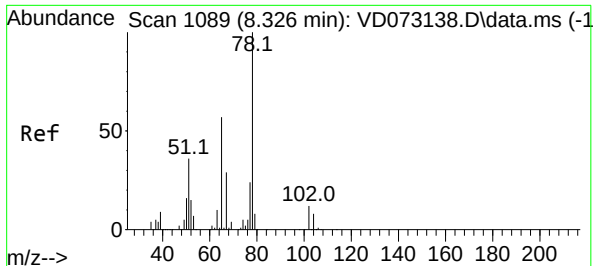
Tgt Ion: 43 Resp: 1349
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.178 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073158.D
Acq: 20 May 2022 00:36

Tgt Ion: 56 Resp: 6127
Ion Ratio Lower Upper
56 100
69 153.1 25.4 38.2#
84 114.3 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 53.426 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073158.D

Acq: 20 May 2022 00:36

Instrument :

MSVOA_D

ClientSampleId :

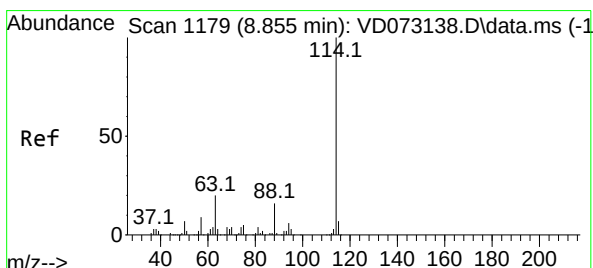
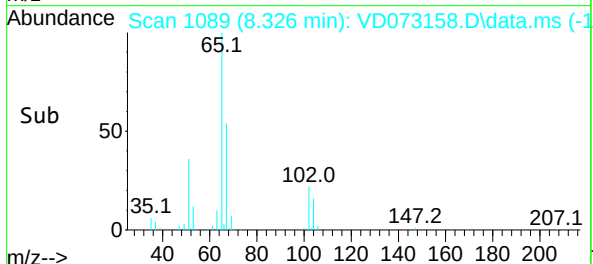
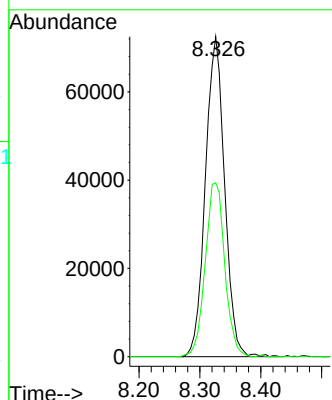
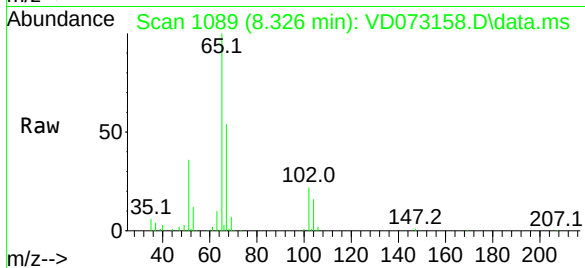
P016-SS002-0006-01

Tgt Ion: 65 Resp: 158991

Ion Ratio Lower Upper

65 100

67 55.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073158.D

Acq: 20 May 2022 00:36

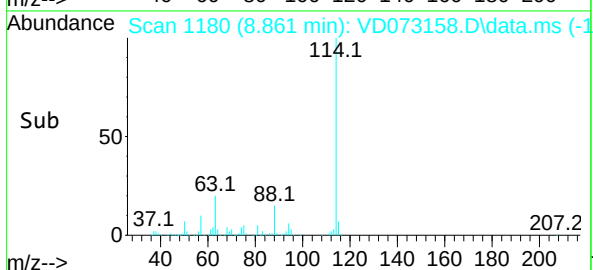
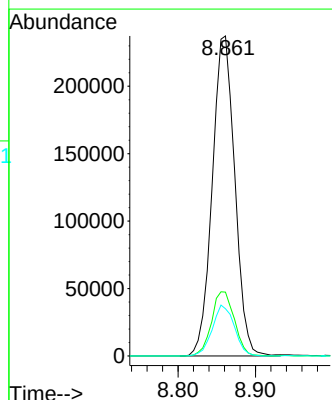
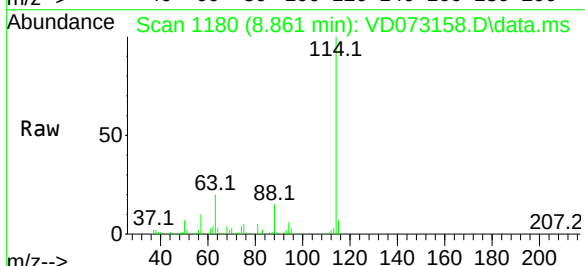
Tgt Ion: 114 Resp: 480467

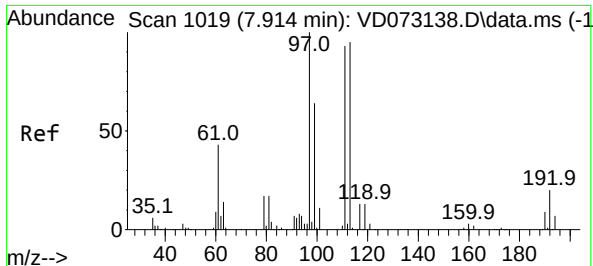
Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 14.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.712 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073158.D

Acq: 20 May 2022 00:36

Instrument :

MSVOA_D

ClientSampleId :

P016-SS002-0006-01

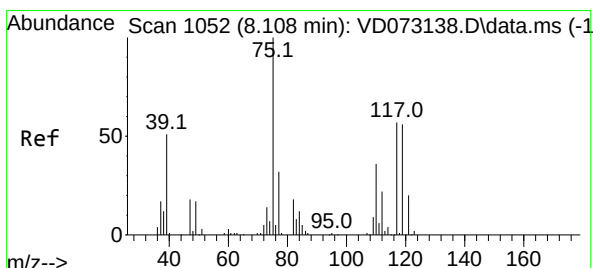
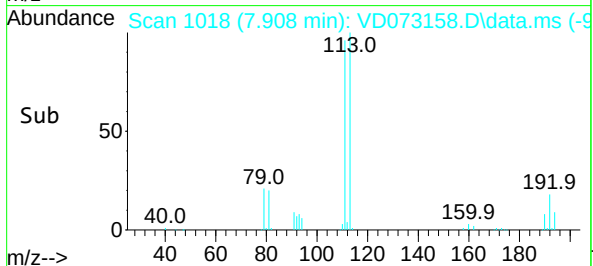
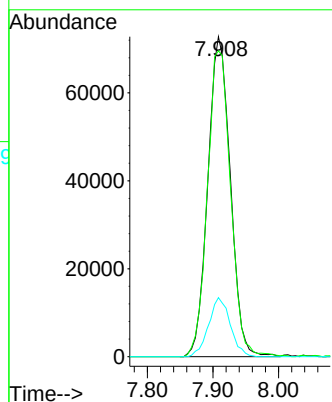
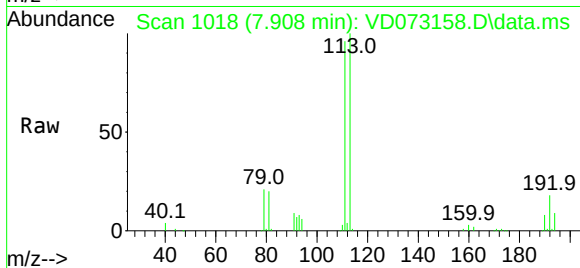
Tgt Ion:113 Resp: 173462

Ion Ratio Lower Upper

113 100

111 98.8 83.8 125.6

192 17.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 5.095 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073158.D

Acq: 20 May 2022 00:36

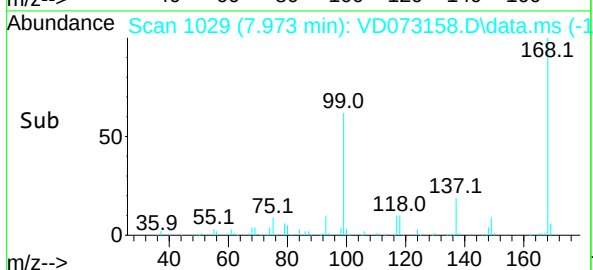
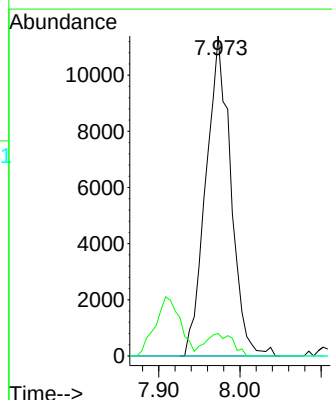
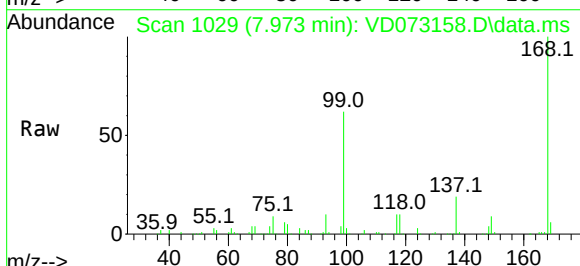
Tgt Ion: 75 Resp: 24296

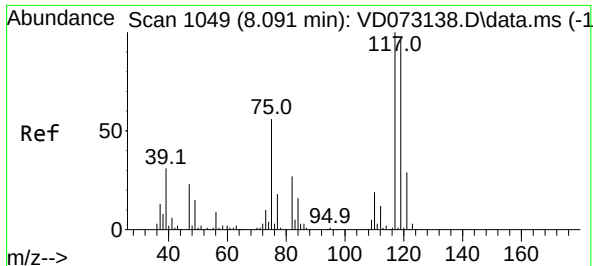
Ion Ratio Lower Upper

75 100

110 7.8 16.4 49.1#

77 0.0 24.2 36.2#

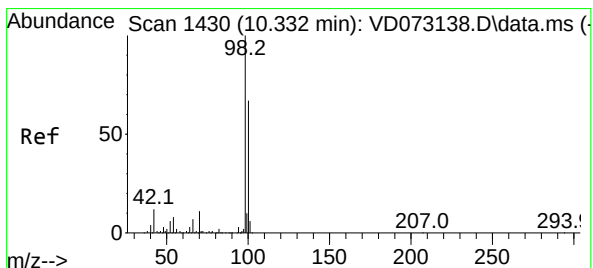
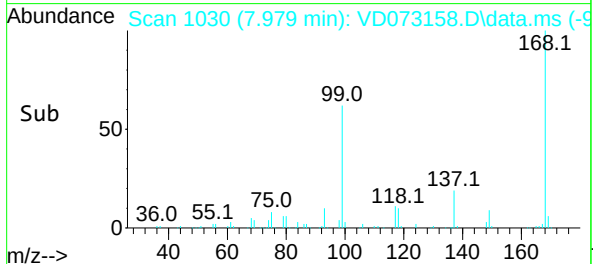
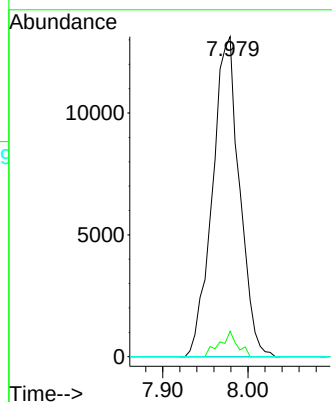
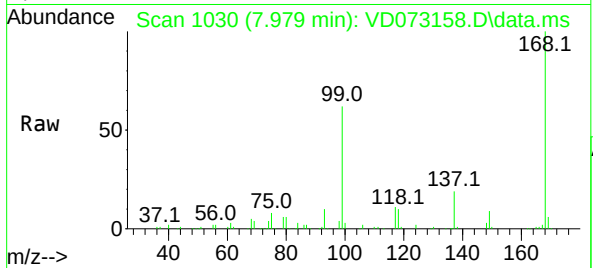




#38
Carbon Tetrachloride
Concen: 6.009 ug/l
RT: 7.979 min Scan# 1049
Delta R.T. -0.112 min
Lab File: VD073158.D
Acq: 20 May 2022 00:36

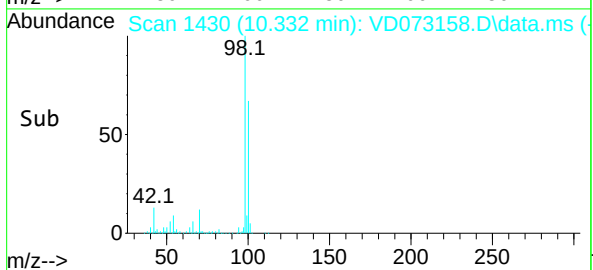
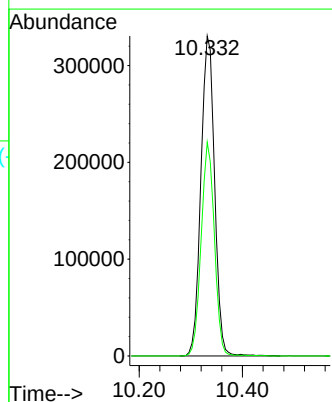
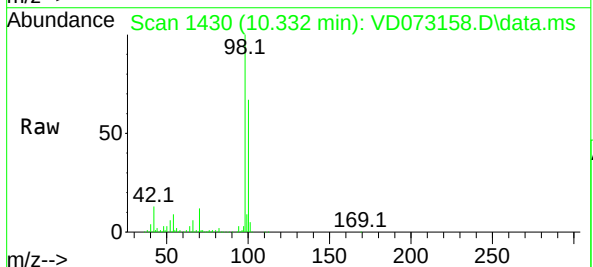
Instrument :
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P016-SS002-0006-01

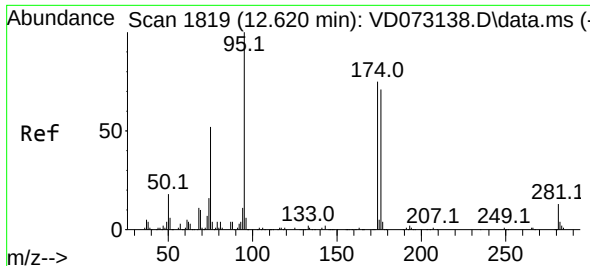
Tgt Ion:117 Resp: 29044
Ion Ratio Lower Upper
117 100
119 7.9 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.049 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073158.D
Acq: 20 May 2022 00:36

Tgt Ion: 98 Resp: 608301
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6

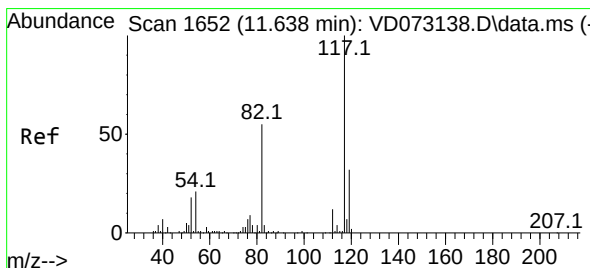
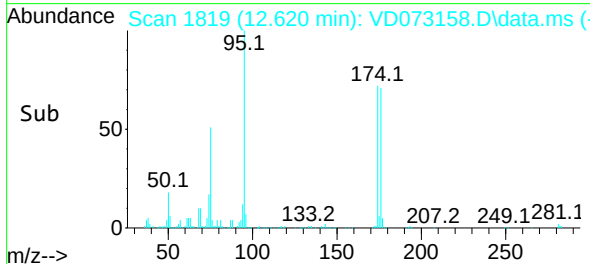
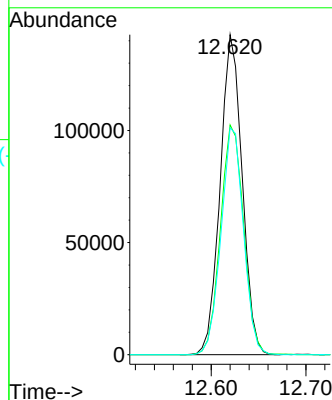
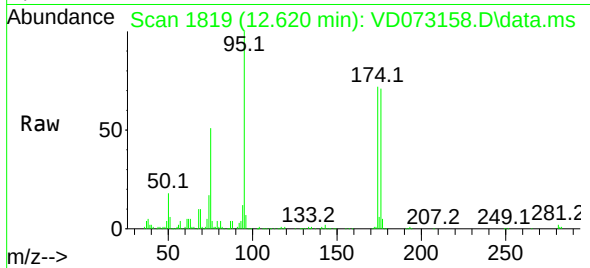




#62
4-Bromofluorobenzene
Concen: 56.201 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073158.D
Acq: 20 May 2022 00:36

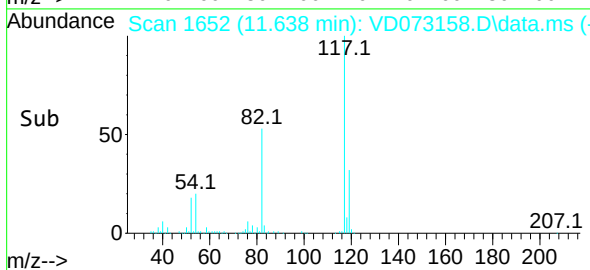
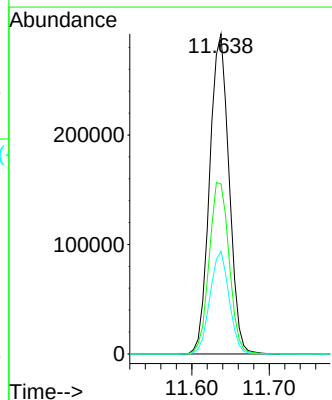
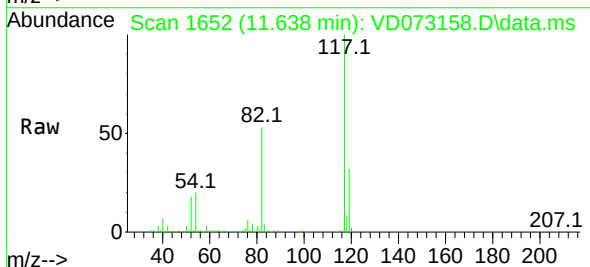
Instrument :
MSVOA_D
ClientSampleId :
P016-SS002-0006-01

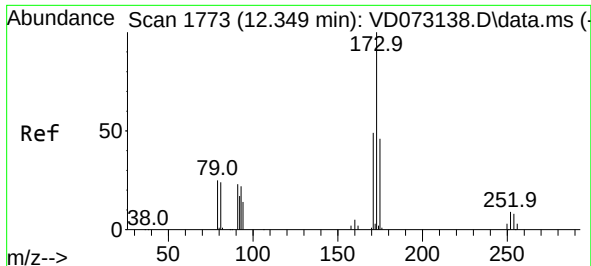
Tgt Ion: 95 Resp: 230505
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 72.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073158.D
Acq: 20 May 2022 00:36

Tgt Ion: 117 Resp: 508125
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 32.1 26.6 40.0

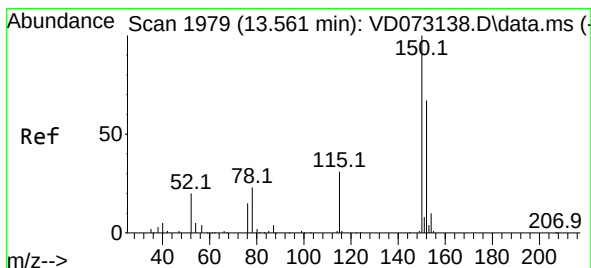
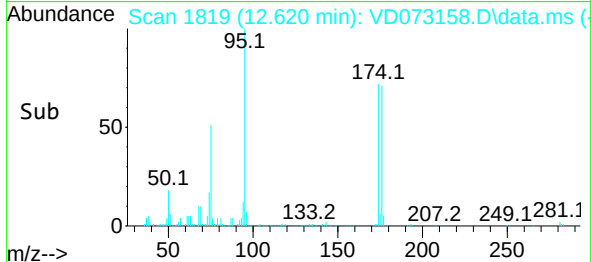
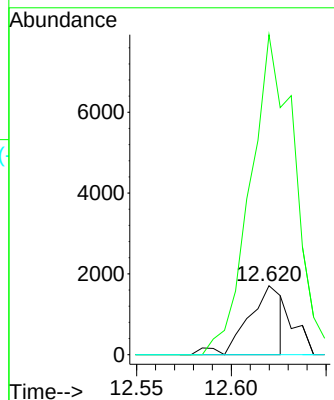
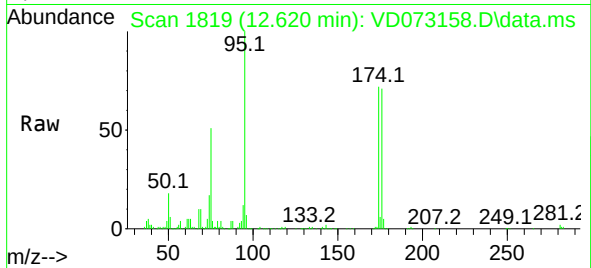




#71
Bromoform
Concen: 1.066 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD073158.D
Acq: 20 May 2022 00:36

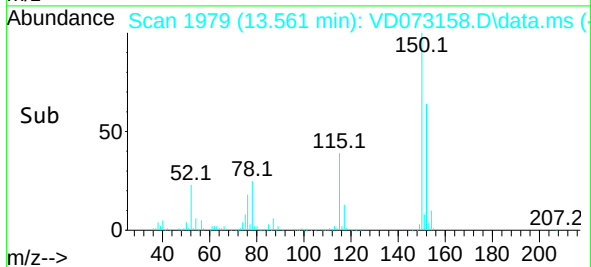
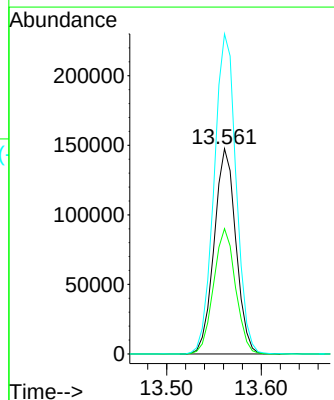
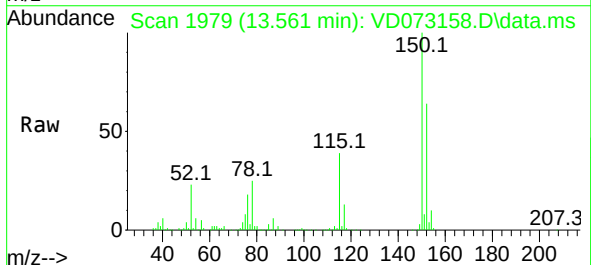
Instrument :
MSVOA_D
ClientSampleId :
P016-SS002-0006-01

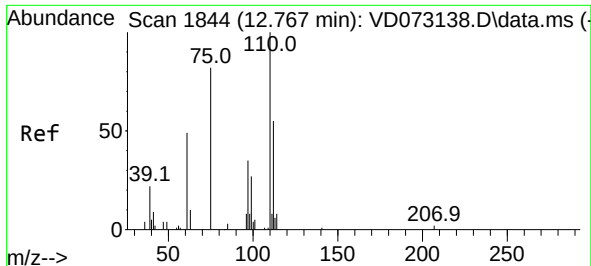
Tgt Ion:173 Resp: 2121
Ion Ratio Lower Upper
173 100
175 428.7 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073158.D
Acq: 20 May 2022 00:36

Tgt Ion:152 Resp: 235242
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 158.4 0.0 348.6

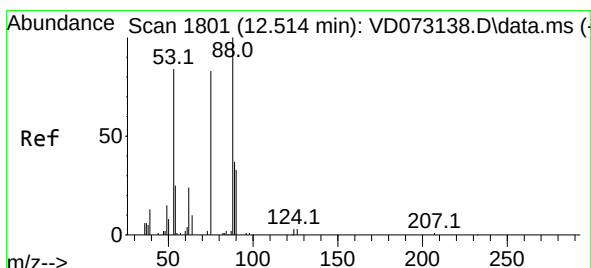
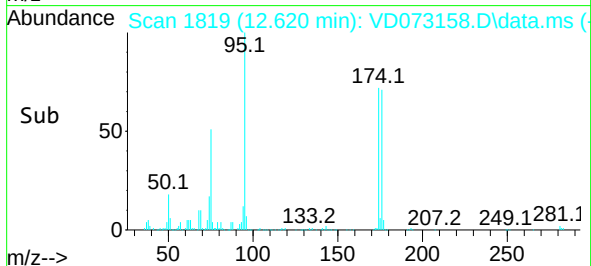
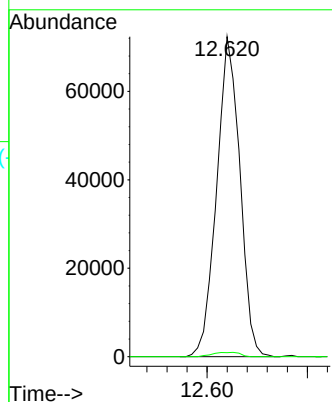
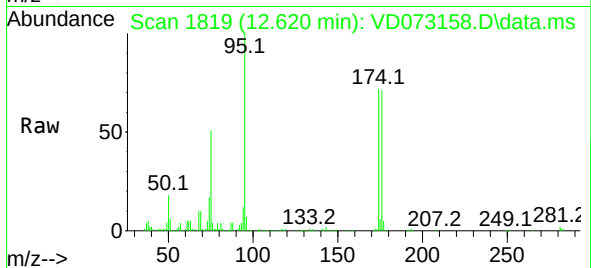




#76
1,2,3-Trichloropropane
Concen: 50.263 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073158.D
Acq: 20 May 2022 00:36

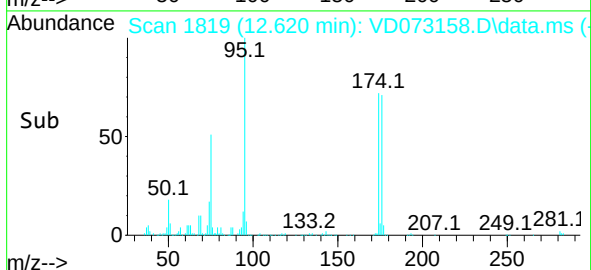
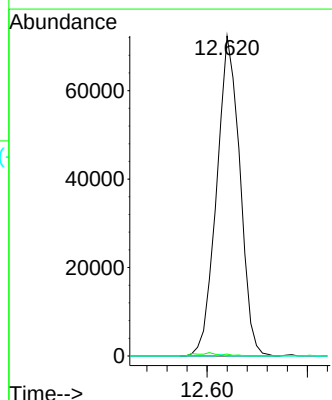
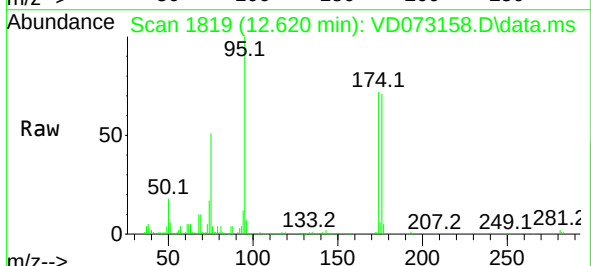
Instrument :
MSVOA_D
ClientSampleId :
P016-SS002-0006-01

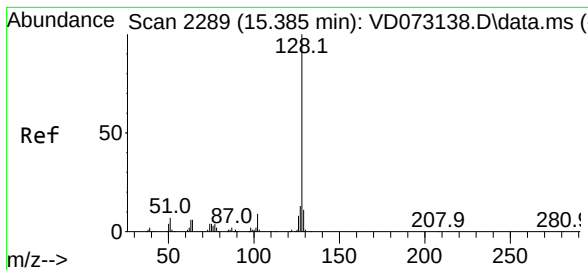
Tgt Ion: 75 Resp: 116014
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.666 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073158.D
Acq: 20 May 2022 00:36

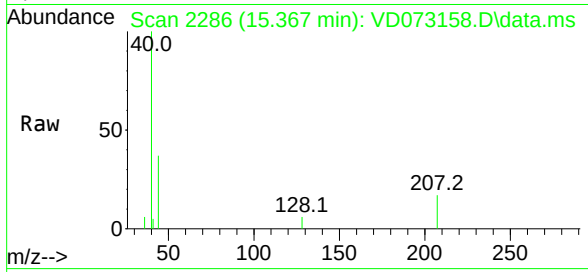
Tgt Ion: 75 Resp: 116014
Ion Ratio Lower Upper
75 100
53 1.1 86.5 129.7#
89 0.1 33.9 50.9#





#95
 Naphthalene
 Concen: 3.556 ug/l
 RT: 15.367 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VD073158.D
 Acq: 20 May 2022 00:36

Instrument : MSVOA_D
 ClientSampleId : P016-SS002-0006-01



Tgt Ion:	128	Resp:	122
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

