

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073219.D
 Acq On : 21 May 2022 09:42
 Operator : VA/SY
 Sample : N2885-15
 Misc : 4.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P008-SS003-0006-01

Quant Time: May 22 00:01:29 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)

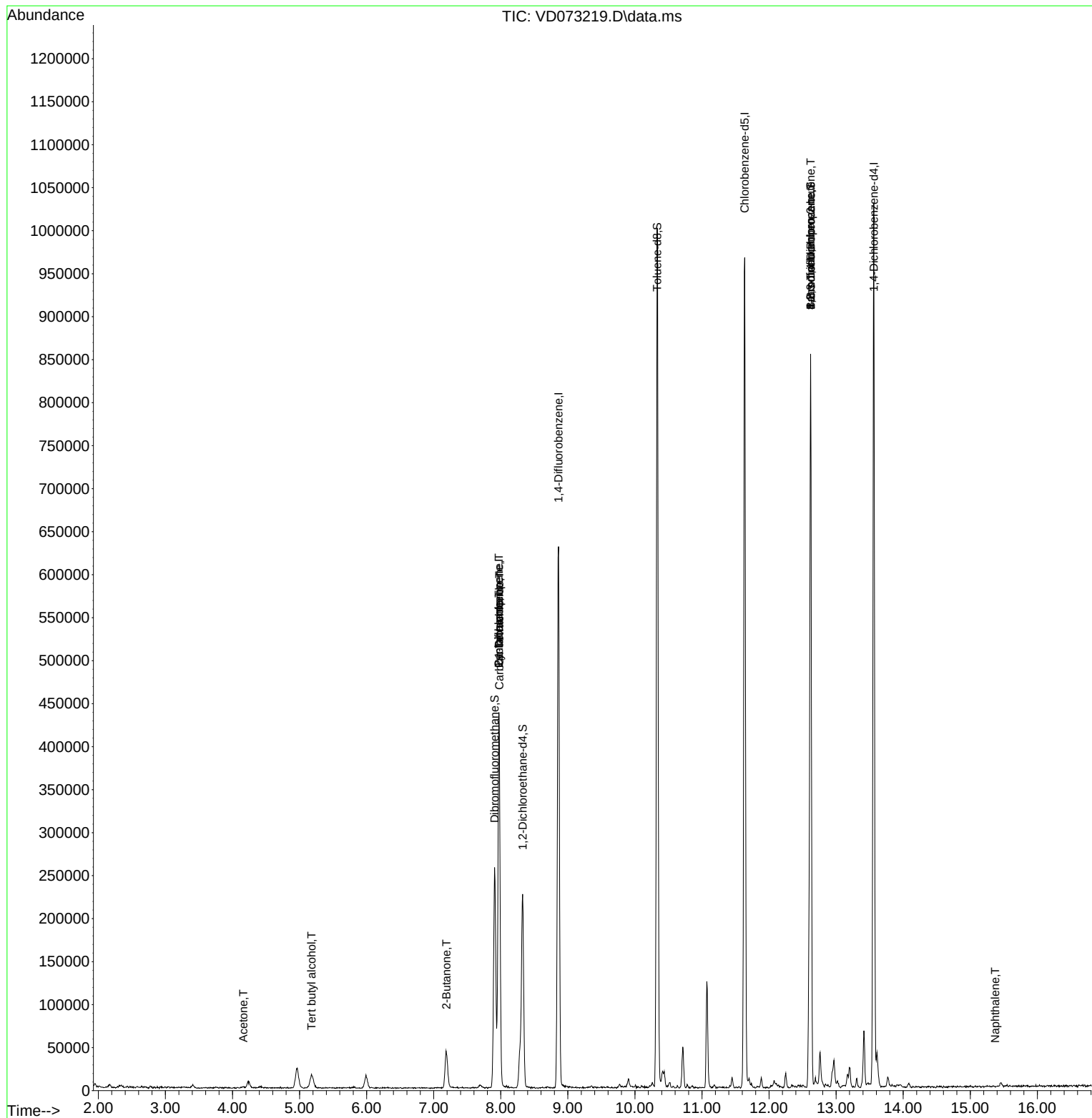
Internal Standards						
1) Pentafluorobenzene	7.973	168	307065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	541527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	564596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	256600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	174525	51.429	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.860%	
35) Dibromofluoromethane	7.908	113	180195	50.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.860%	
50) Toluene-d8	10.332	98	675334	51.269	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.540%	
62) 4-Bromofluorobenzene	12.620	95	264448	57.206	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.420%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	495	Below Cal		90
11) Tert butyl alcohol	5.179	59	14791	28.093	ug/l #	74
16) Acetone	4.162	43	2313	3.935	ug/l #	74
25) 2-Butanone	7.191	43	2282	2.654	ug/l #	52
31) Cyclohexane	7.973	56	7879	1.329	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	25768	4.795	ug/l #	51
38) Carbon Tetrachloride	7.979	117	33077	6.072	ug/l #	17
71) Bromoform	12.620	173	2720	1.230	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	132859	52.770	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	132859	126.685	ug/l #	7
95) Naphthalene	15.373	128	150	3.558	ug/l #	70

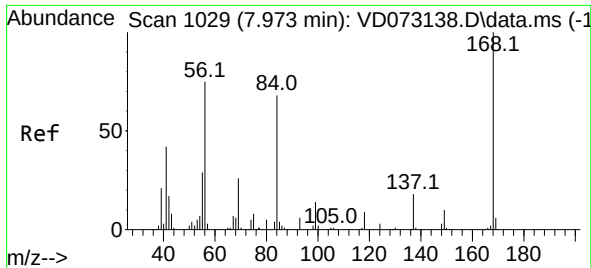
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
Data File : VD073219.D
Acq On : 21 May 2022 09:42
Operator : VA/SY
Sample : N2885-15
Misc : 4.20G/5.00ml/MSVOA_D/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P008-SS003-0006-01

Quant Time: May 22 00:01:29 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

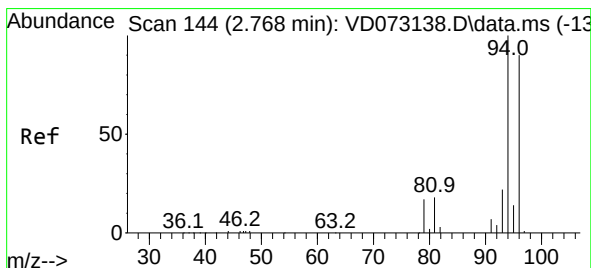
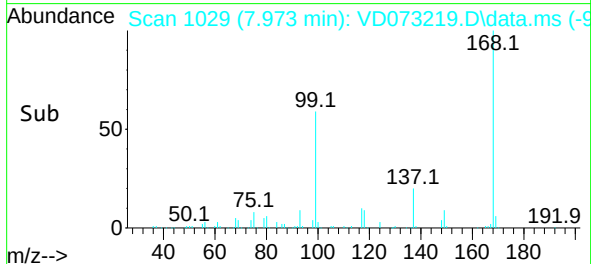
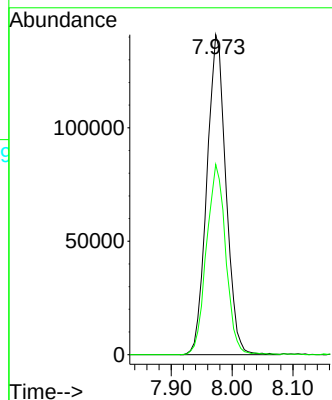
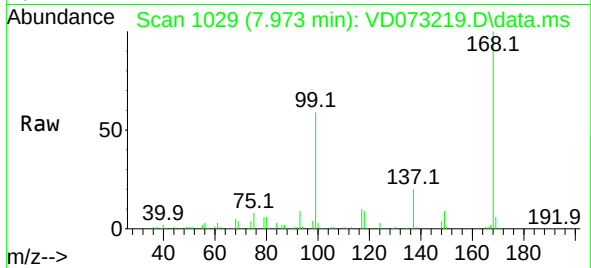




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073219.D
Acq: 21 May 2022 09:42

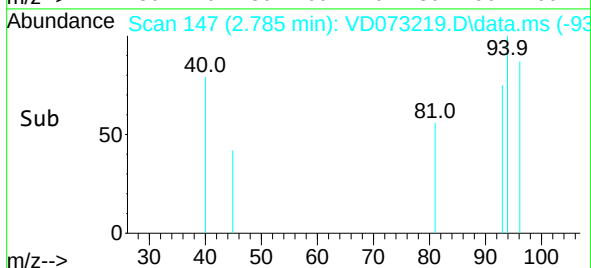
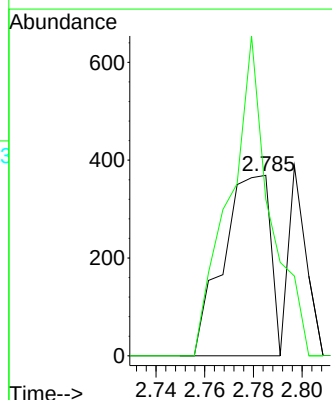
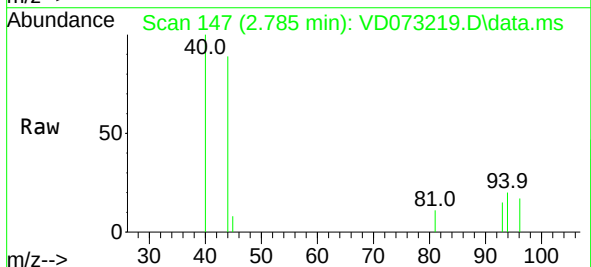
Instrument :
MSVOA_D
ClientSampleId :
P008-SS003-0006-01

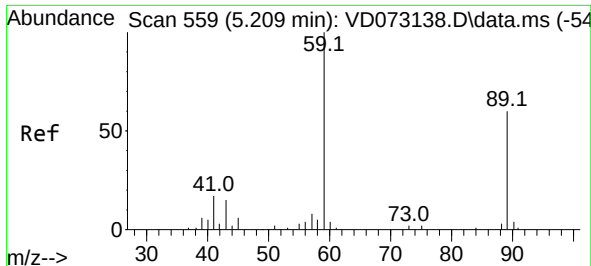
Tgt Ion:168 Resp: 307065
Ion Ratio Lower Upper
168 100
99 59.5 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD073219.D
Acq: 21 May 2022 09:42

Tgt Ion: 94 Resp: 495
Ion Ratio Lower Upper
94 100
96 86.7 77.6 116.4

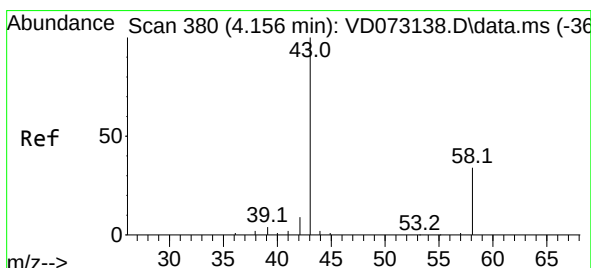
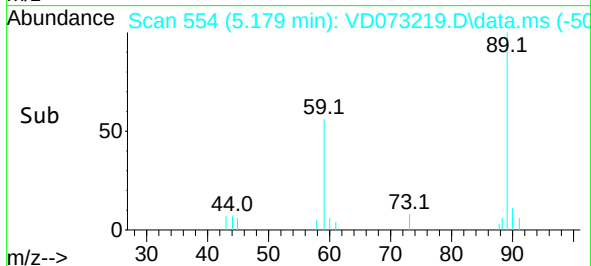
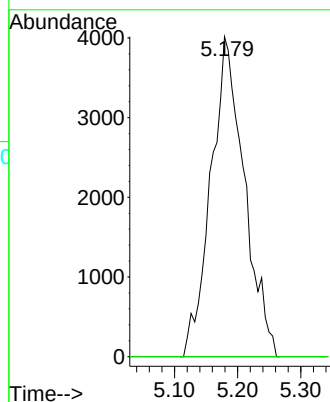
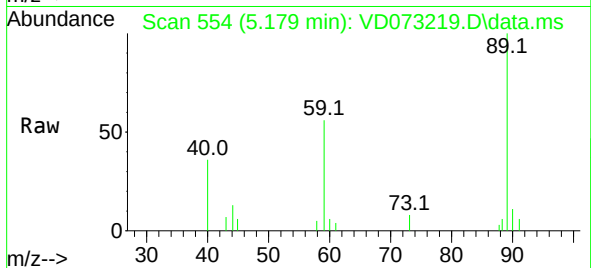




#11
Tert butyl alcohol
Concen: 28.093 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073219.D
Acq: 21 May 2022 09:42

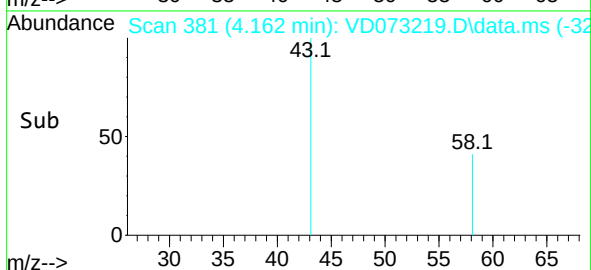
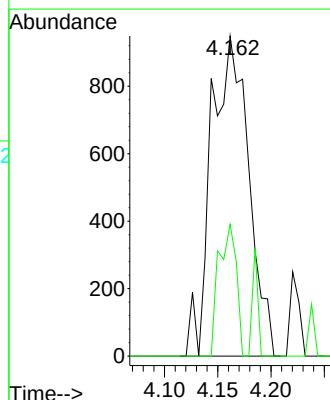
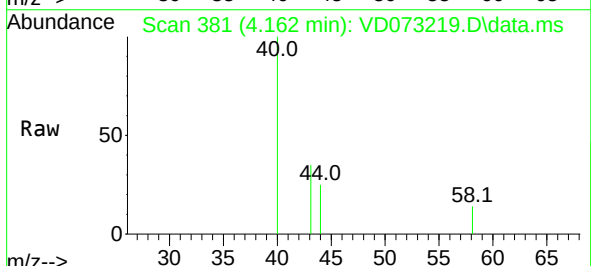
Instrument :
MSVOA_D
ClientSampleId :
P008-SS003-0006-01

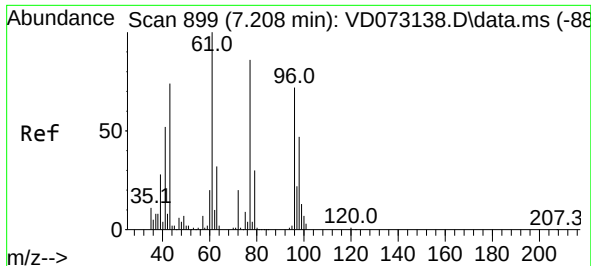
Tgt Ion: 59 Resp: 14791
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 3.935 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073219.D
Acq: 21 May 2022 09:42

Tgt Ion: 43 Resp: 2313
Ion Ratio Lower Upper
43 100
58 41.2 22.1 33.1#

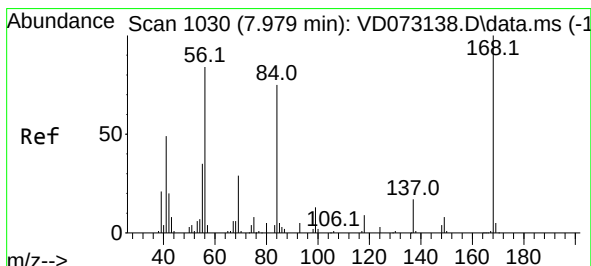
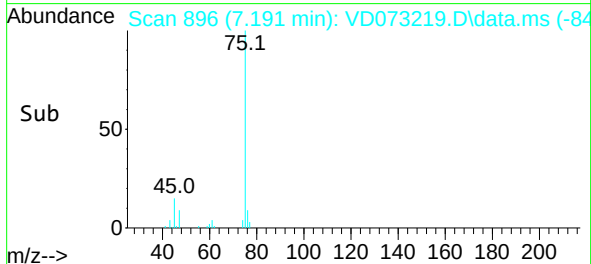
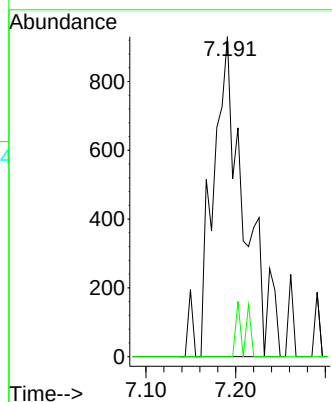
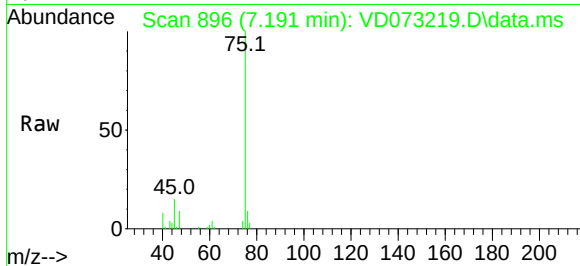




#25
2-Butanone
Concen: 2.654 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.017 min
Lab File: VD073219.D
Acq: 21 May 2022 09:42

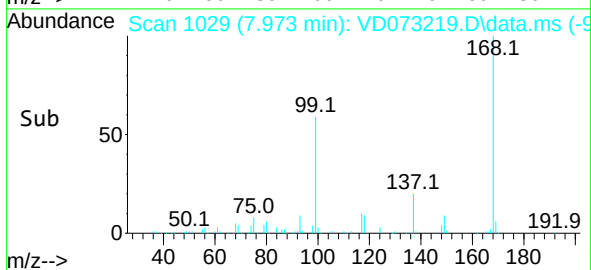
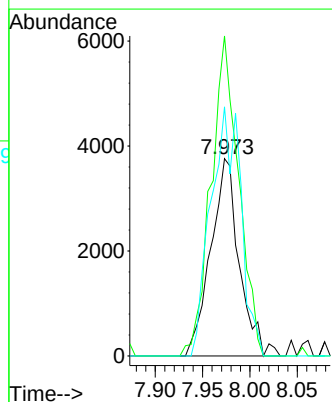
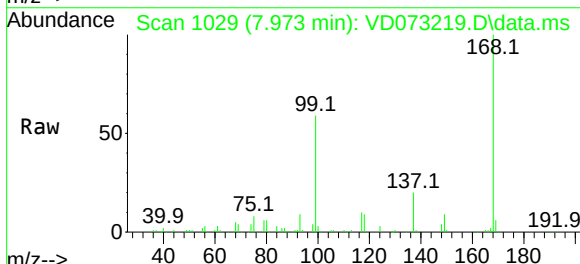
Instrument :
MSVOA_D
ClientSampleId :
P008-SS003-0006-01

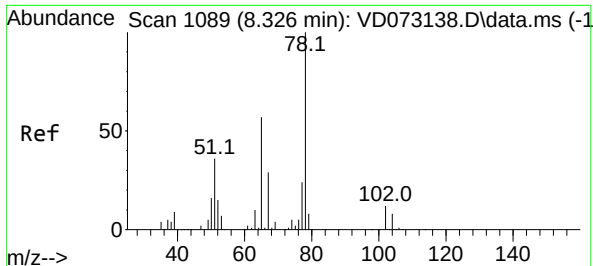
Tgt Ion: 43 Resp: 2282
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073219.D
Acq: 21 May 2022 09:42

Tgt Ion: 56 Resp: 7879
Ion Ratio Lower Upper
56 100
69 162.2 25.4 38.2#
84 126.2 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 51.429 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD073219.D

Acq: 21 May 2022 09:42

Instrument :

MSVOA_D

ClientSampleId :

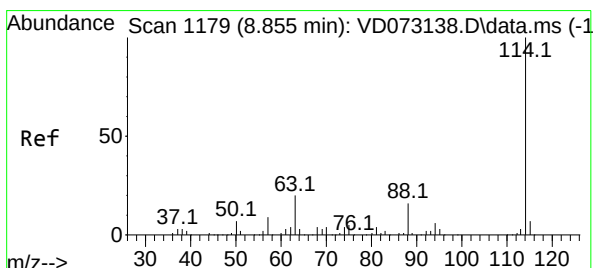
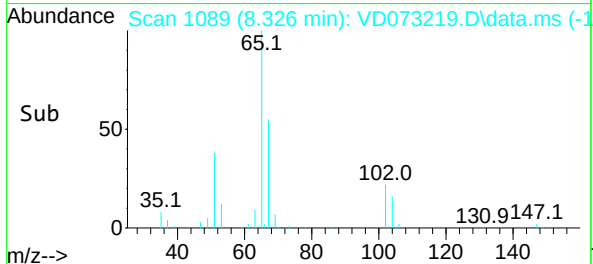
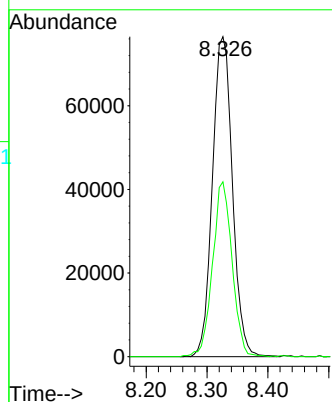
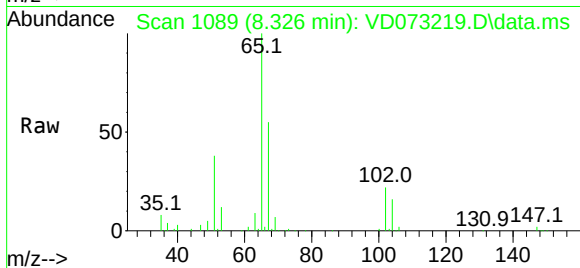
P008-SS003-0006-01

Tgt Ion: 65 Resp: 174525

Ion Ratio Lower Upper

65 100

67 53.3 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: VD073219.D

Acq: 21 May 2022 09:42

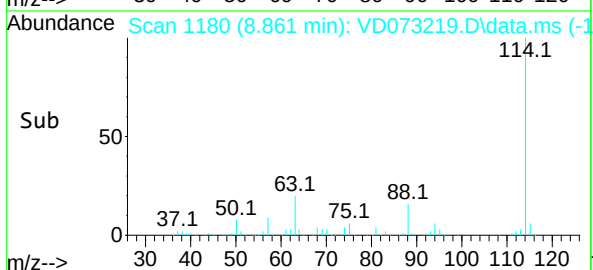
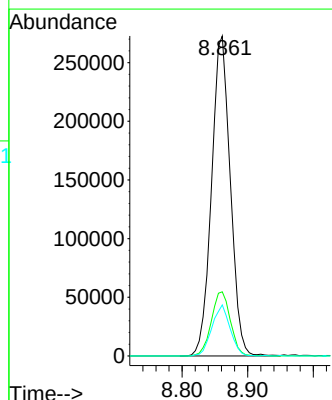
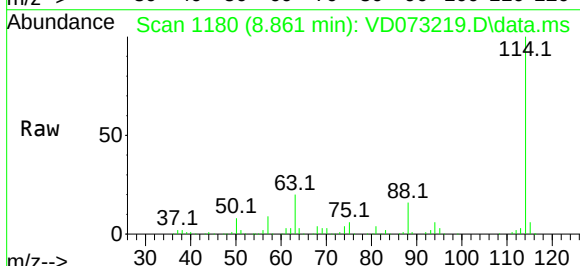
Tgt Ion: 114 Resp: 541527

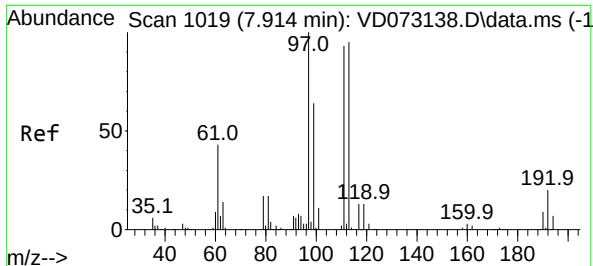
Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.427 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073219.D

Acq: 21 May 2022 09:42

Instrument :

MSVOA_D

ClientSampleId :

P008-SS003-0006-01

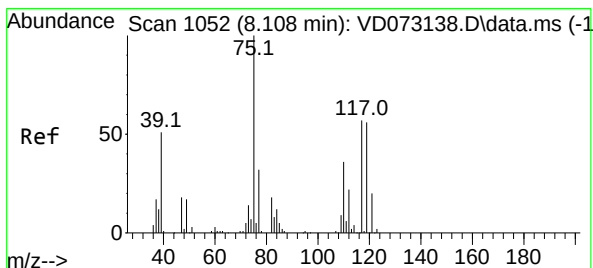
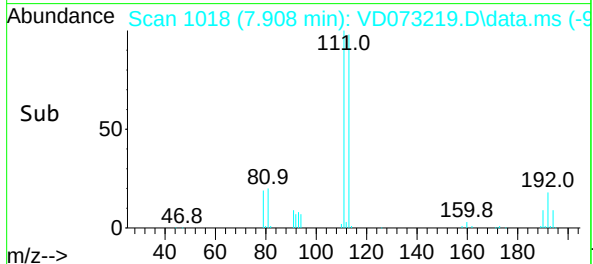
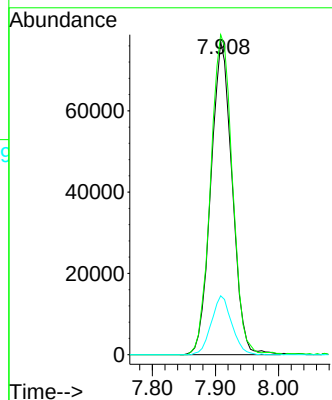
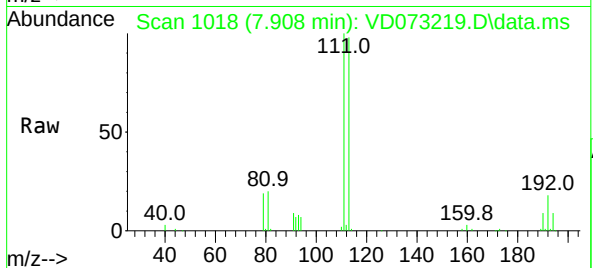
Tgt Ion:113 Resp: 180195

Ion Ratio Lower Upper

113 100

111 105.1 83.8 125.6

192 18.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.795 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073219.D

Acq: 21 May 2022 09:42

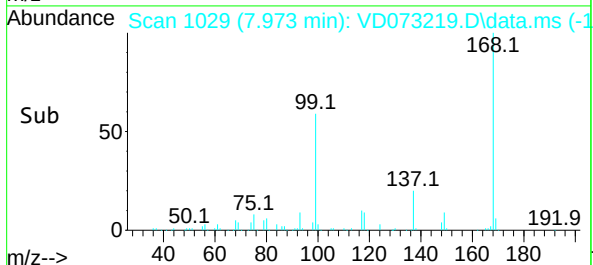
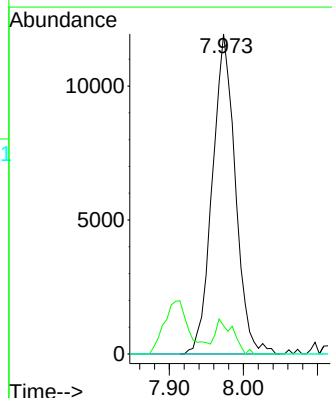
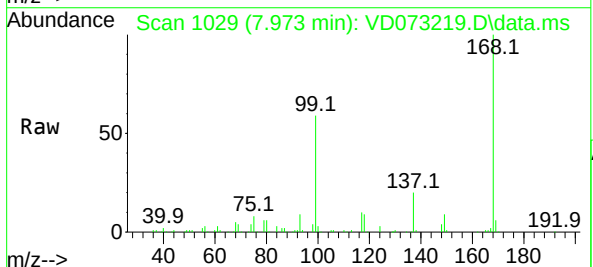
Tgt Ion: 75 Resp: 25768

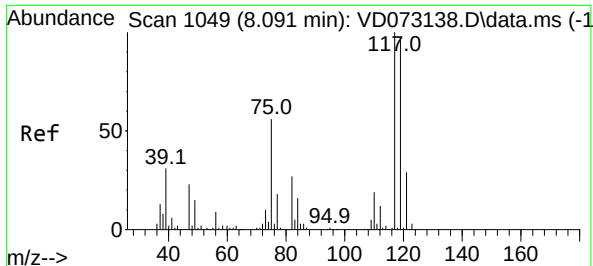
Ion Ratio Lower Upper

75 100

110 8.2 16.4 49.1#

77 0.0 24.2 36.2#

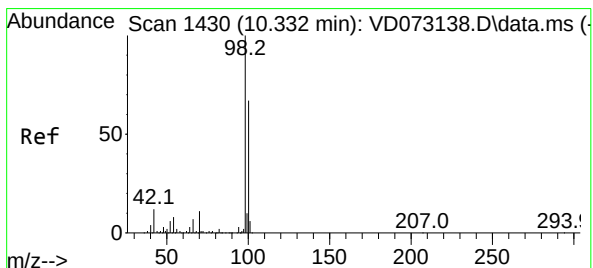
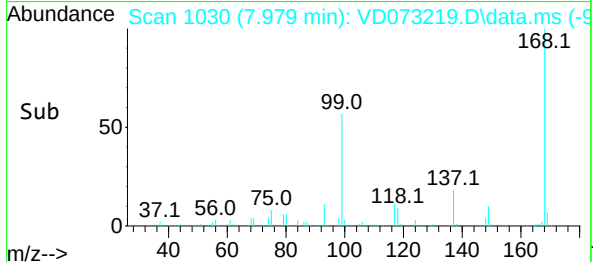
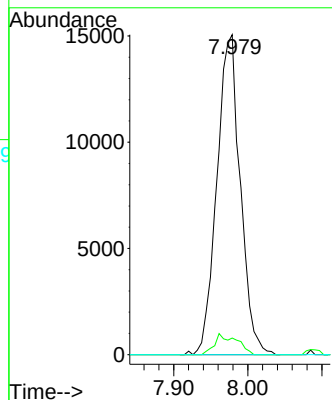
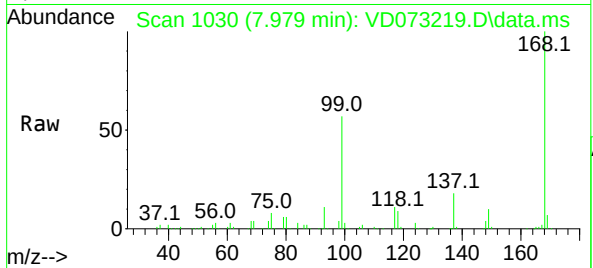




#38
Carbon Tetrachloride
Concen: 6.072 ug/l
RT: 7.979 min Scan# 1049
Delta R.T. -0.112 min
Lab File: VD073219.D
Acq: 21 May 2022 09:42

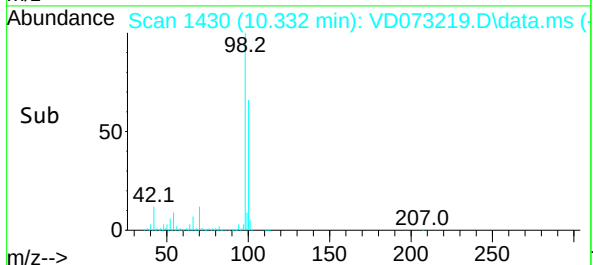
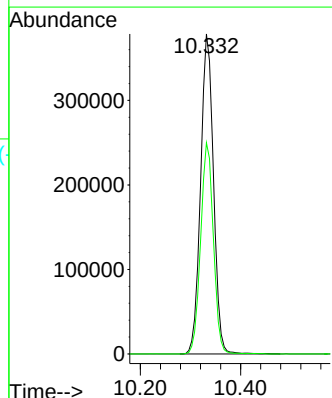
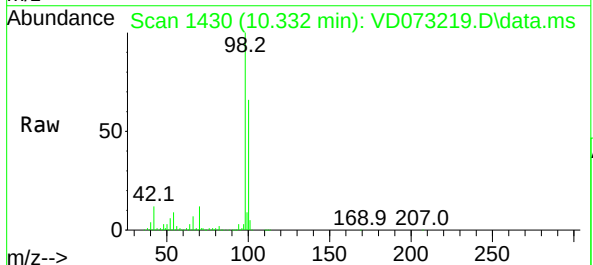
Instrument :
MSVOA_D
ClientSampleId :
P008-SS003-0006-01

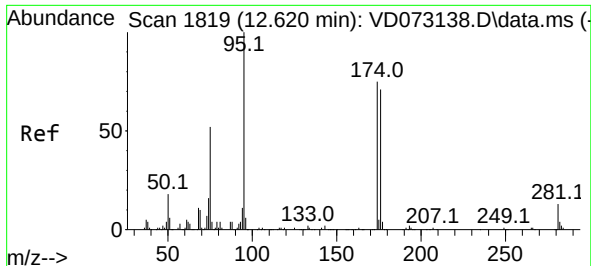
Tgt Ion:117 Resp: 33077
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.269 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073219.D
Acq: 21 May 2022 09:42

Tgt Ion: 98 Resp: 675334
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6

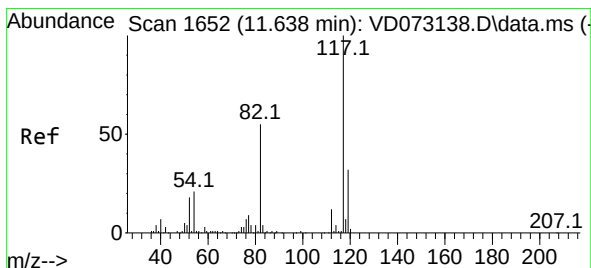
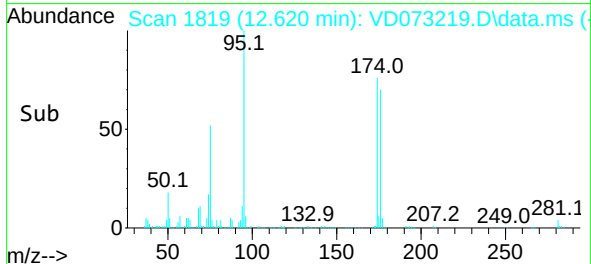
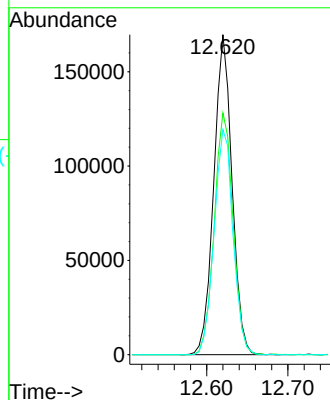
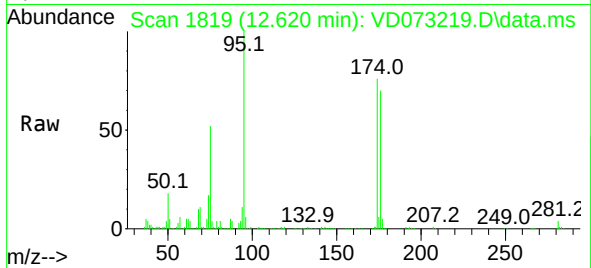




#62
4-Bromofluorobenzene
Concen: 57.206 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073219.D
Acq: 21 May 2022 09:42

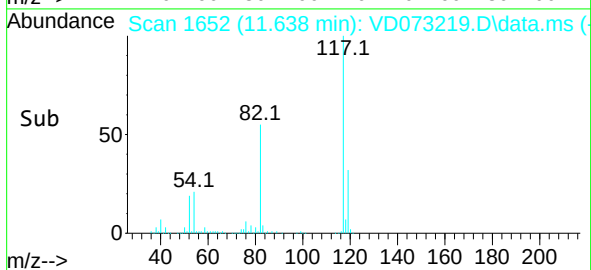
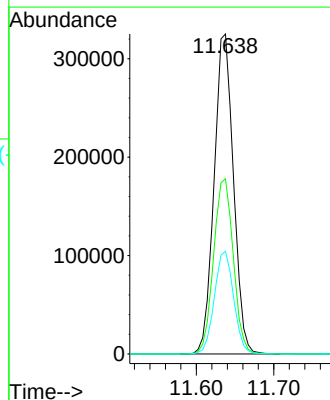
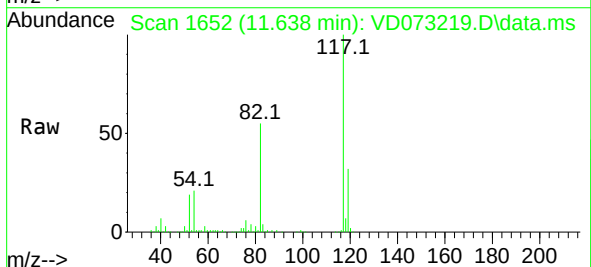
Instrument :
MSVOA_D
ClientSampleId :
P008-SS003-0006-01

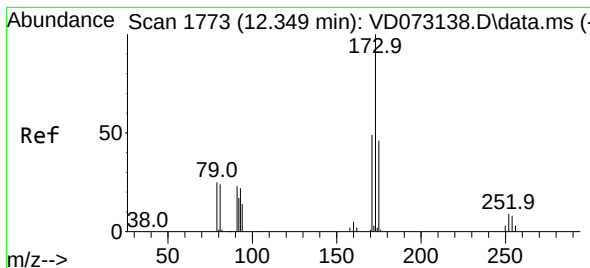
Tgt Ion: 95 Resp: 264448
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.8
176 73.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073219.D
Acq: 21 May 2022 09:42

Tgt Ion: 117 Resp: 564596
Ion Ratio Lower Upper
117 100
82 54.8 45.3 67.9
119 32.1 26.6 40.0





#71

Bromoform

Concen: 1.230 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.271 min

Lab File: VD073219.D

Acq: 21 May 2022 09:42

Instrument :

MSVOA_D

ClientSampleId :

P008-SS003-0006-01

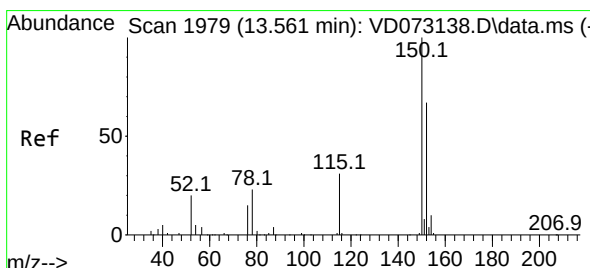
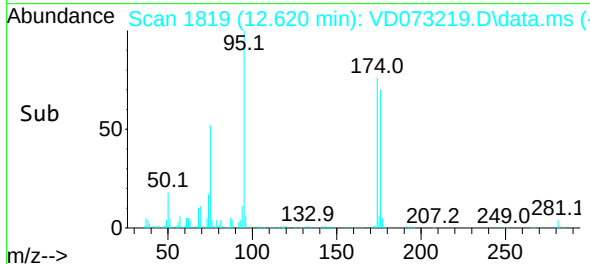
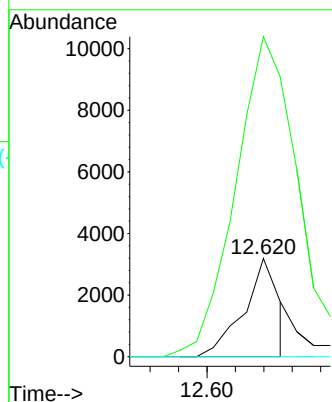
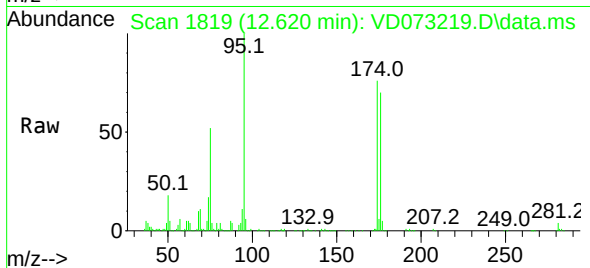
Tgt Ion:173 Resp: 2720

Ion Ratio Lower Upper

173 100

175 447.0 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: VD073219.D

Acq: 21 May 2022 09:42

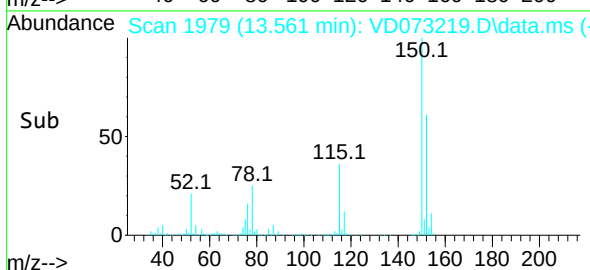
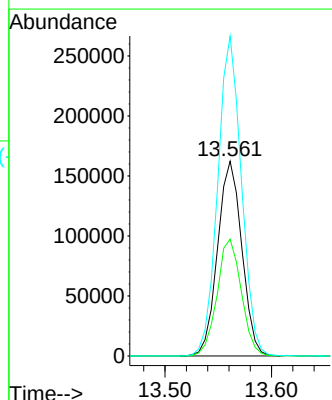
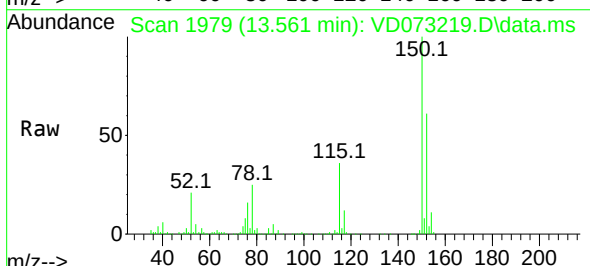
Tgt Ion:152 Resp: 256600

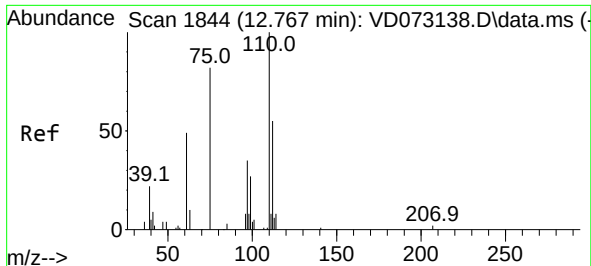
Ion Ratio Lower Upper

152 100

115 59.8 31.3 93.8

150 160.2 0.0 348.6

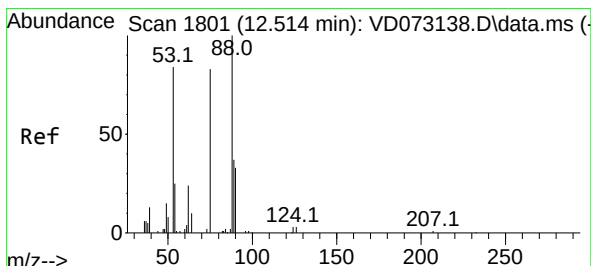
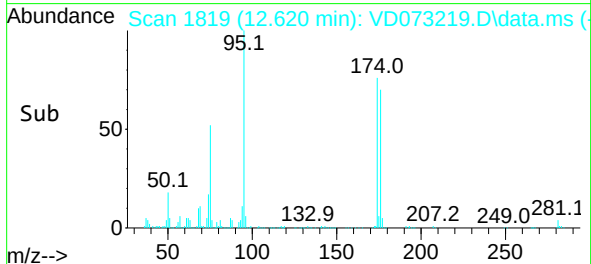
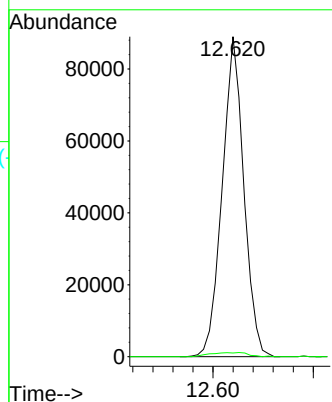
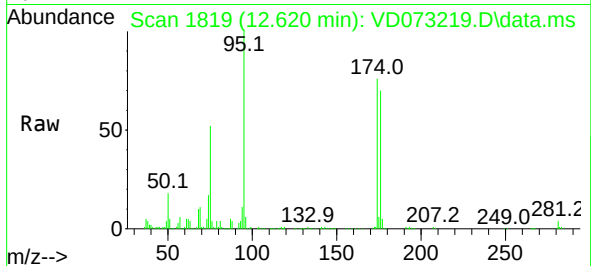




#76
1,2,3-Trichloropropane
Concen: 52.770 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073219.D
Acq: 21 May 2022 09:42

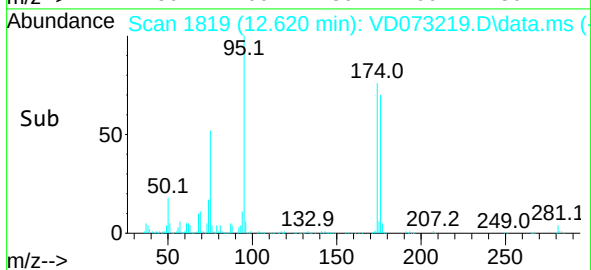
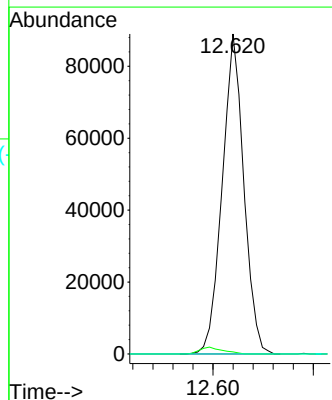
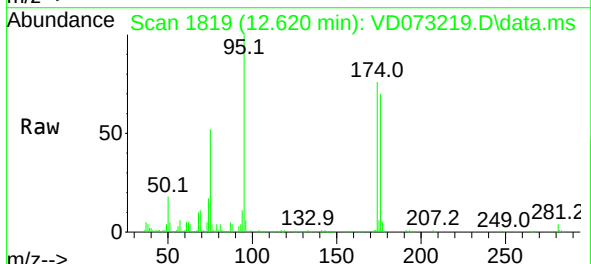
Instrument :
MSVOA_D
ClientSampleId :
P008-SS003-0006-01

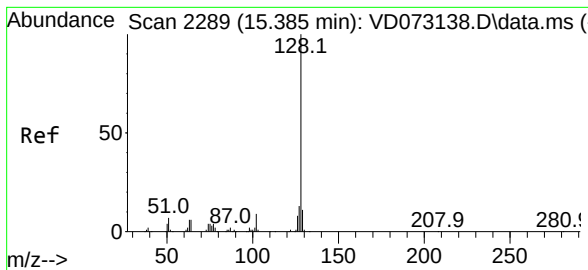
Tgt Ion: 75 Resp: 132859
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.685 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073219.D
Acq: 21 May 2022 09:42

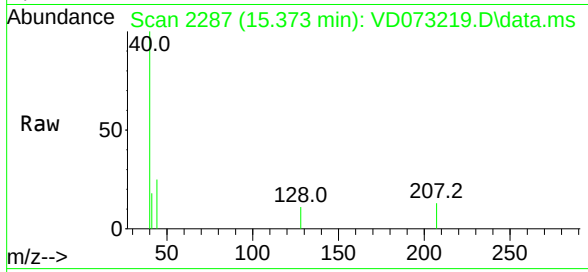
Tgt Ion: 75 Resp: 132859
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 3.558 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD073219.D
Acq: 21 May 2022 09:42

Instrument :
MSVOA_D
ClientSampleId :
P008-SS003-0006-01



Tgt Ion:	128	Resp:	150
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

