

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073412.D
 Acq On : 27 May 2022 15:40
 Operator : VA/SY
 Sample : N3062-01
 Misc : 5.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 28 09:44:40 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)

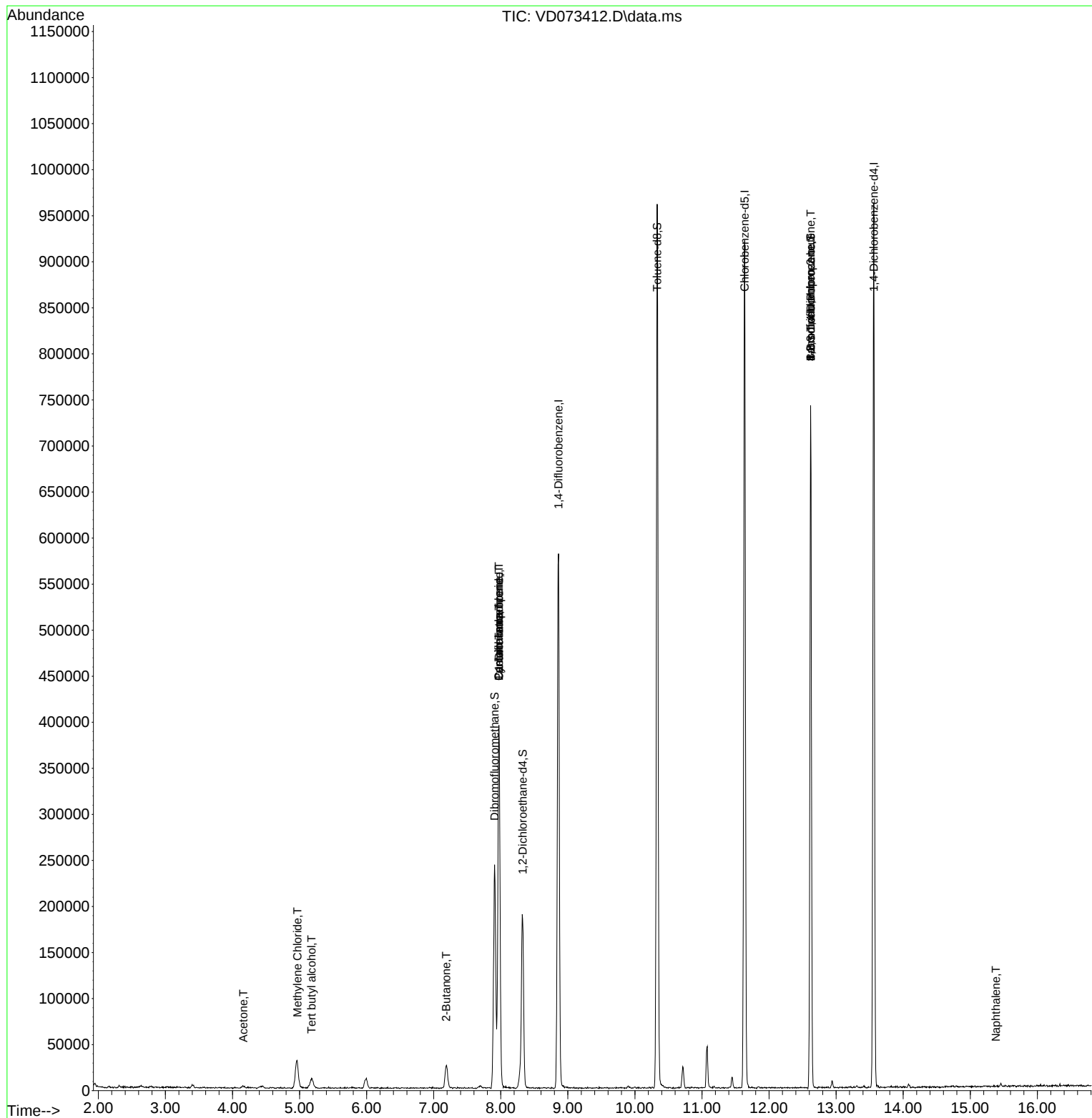
Internal Standards						
1) Pentafluorobenzene	7.973	168	283898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	512521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	553284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	256034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	151799	48.383	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.760%		
35) Dibromofluoromethane	7.908	113	170262	50.344	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.680%		
50) Toluene-d8	10.332	98	624126	50.063	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.120%		
62) 4-Bromofluorobenzene	12.620	95	238210	54.447	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	108.900%		
Target Compounds						
5) Bromomethane	2.779	94	1055	Below Cal	Qvalue 100	
11) Tert butyl alcohol	5.179	59	9704	19.935	ug/l #	74
16) Acetone	4.162	43	3597	6.619	ug/l #	82
20) Methylene Chloride	4.967	84	23142	2.957	ug/l #	83
25) 2-Butanone	7.185	43	1507	1.895	ug/l #	52
31) Cyclohexane	7.973	56	6325	1.154	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	24035	4.725	ug/l #	50
38) Carbon Tetrachloride	7.973	117	30726	5.959	ug/l #	16
71) Bromoform	12.620	173	2298	1.061	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	117667	46.839	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	117667	112.447	ug/l #	7
95) Naphthalene	15.384	128	270	3.571	ug/l #	70

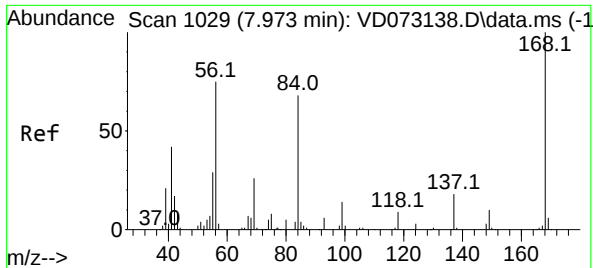
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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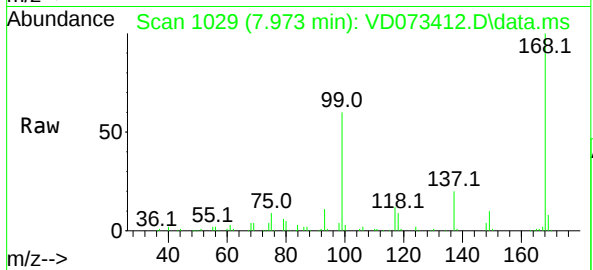
Quant Time: May 28 09:44:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



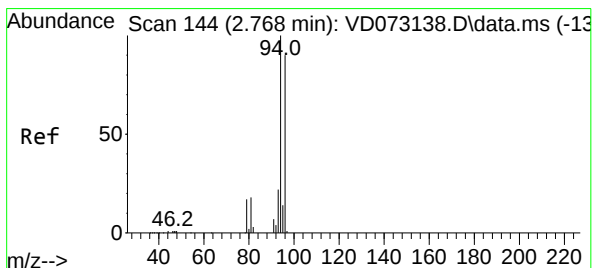
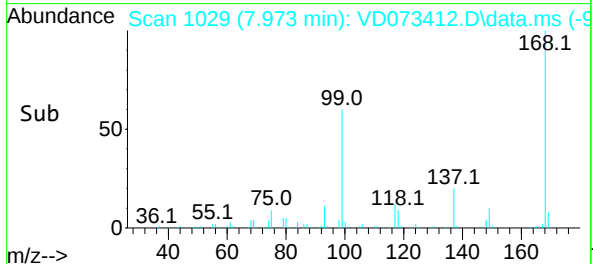
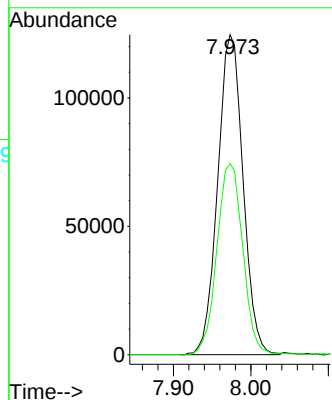


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073412.D
Acq: 27 May 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :

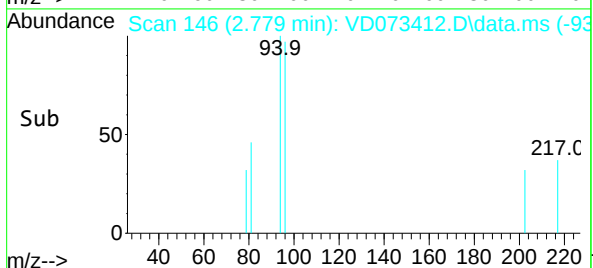
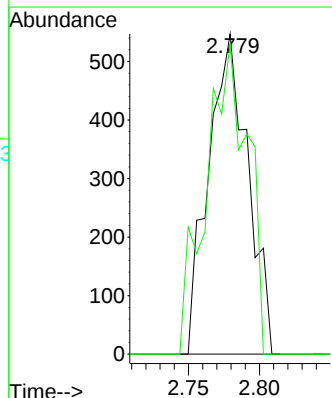
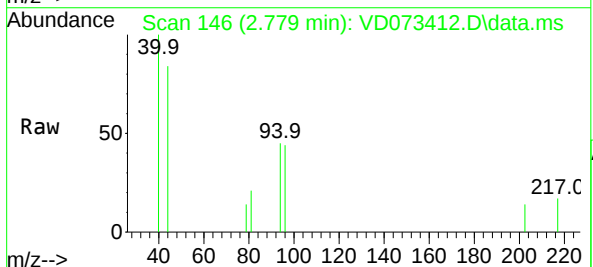


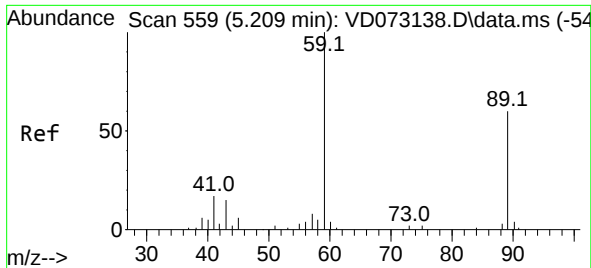
Tgt Ion:168 Resp: 283898
Ion Ratio Lower Upper
168 100
99 59.7 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073412.D
Acq: 27 May 2022 15:40

Tgt Ion: 94 Resp: 1055
Ion Ratio Lower Upper
94 100
96 97.1 77.6 116.4

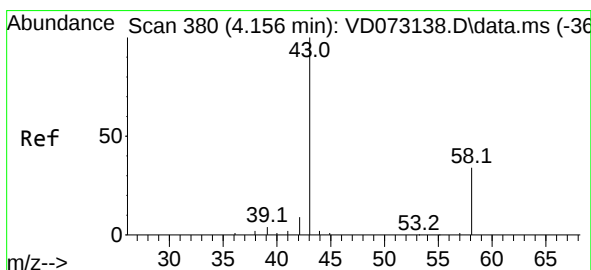
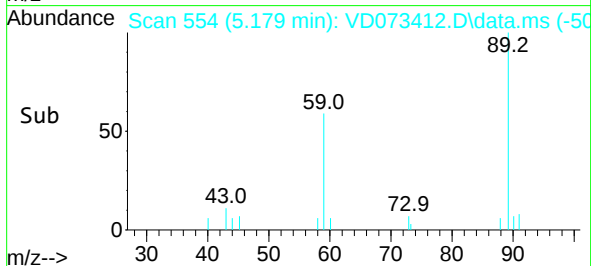
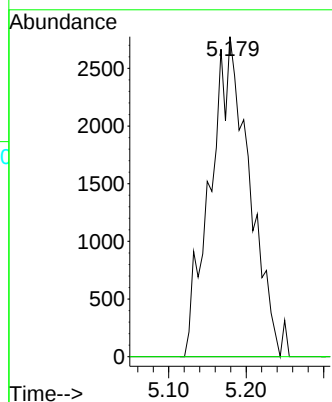
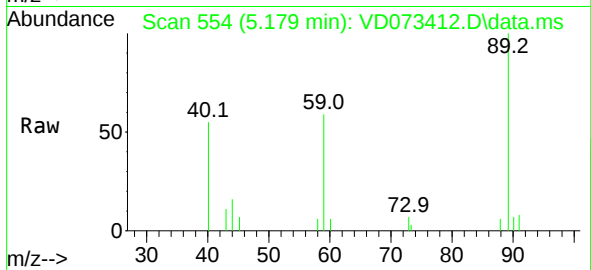




#11
Tert butyl alcohol
Concen: 19.935 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073412.D
Acq: 27 May 2022 15:40

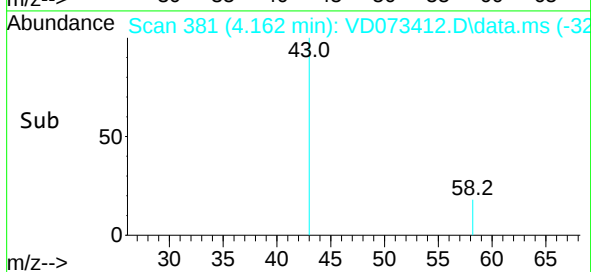
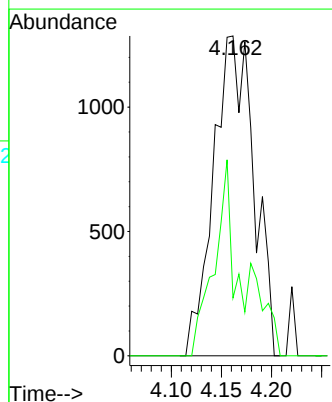
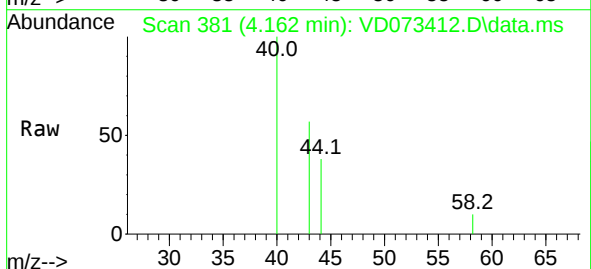
Instrument :
MSVOA_D
ClientSampleId :

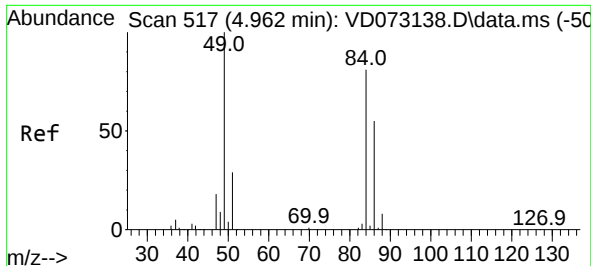
Tgt Ion: 59 Resp: 9704
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 6.619 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073412.D
Acq: 27 May 2022 15:40

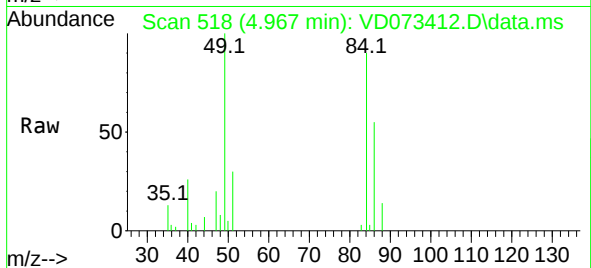
Tgt Ion: 43 Resp: 3597
Ion Ratio Lower Upper
43 100
58 18.1 22.1 33.1#



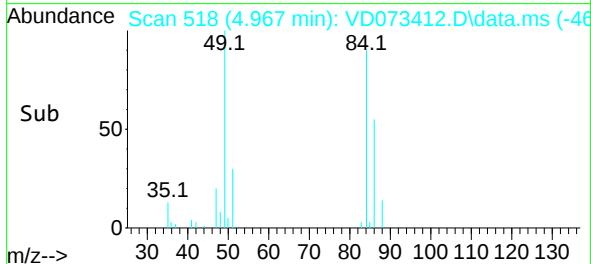
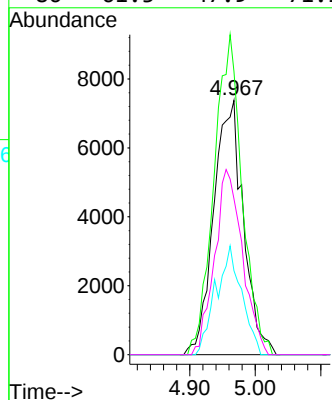


#20
Methylene Chloride
Concen: 2.957 ug/l
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD073412.D
Acq: 27 May 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :

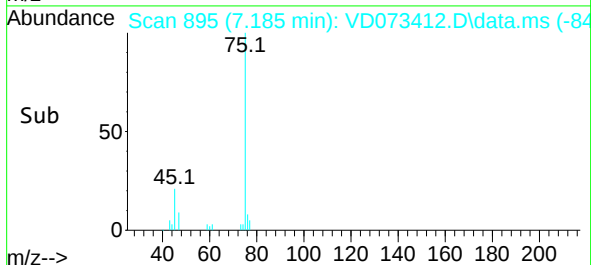
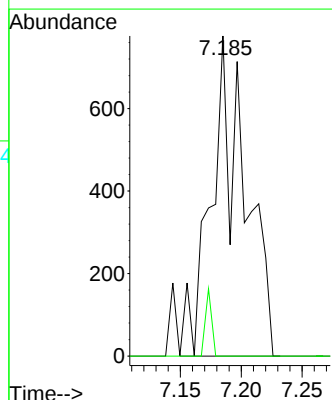
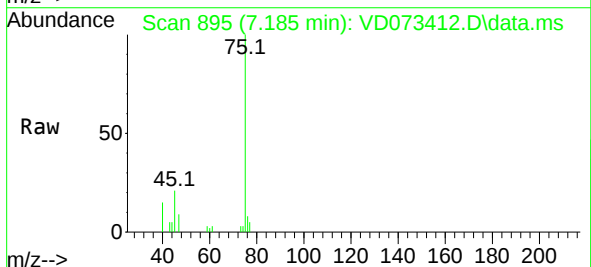


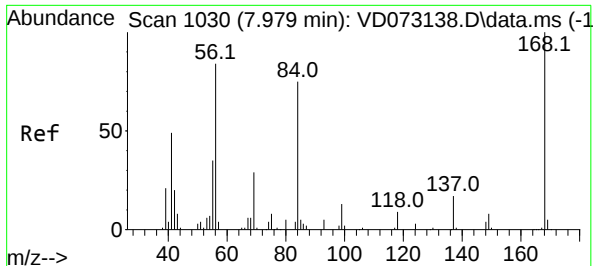
Tgt Ion: 84 Resp: 23142
Ion Ratio Lower Upper
84 100
49 111.4 112.8 169.2#
51 33.0 32.6 48.8
86 61.3 47.9 71.9



#25
2-Butanone
Concen: 1.895 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.023 min
Lab File: VD073412.D
Acq: 27 May 2022 15:40

Tgt Ion: 43 Resp: 1507
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#





#31

Cyclohexane

Concen: 1.154 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

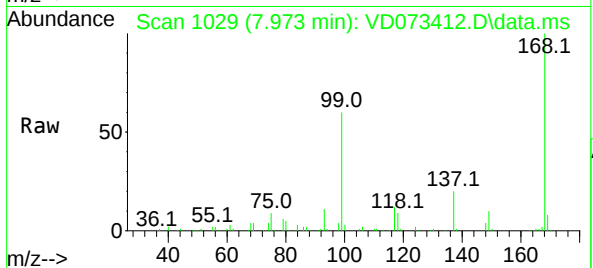
Lab File: VD073412.D

Acq: 27 May 2022 15:40

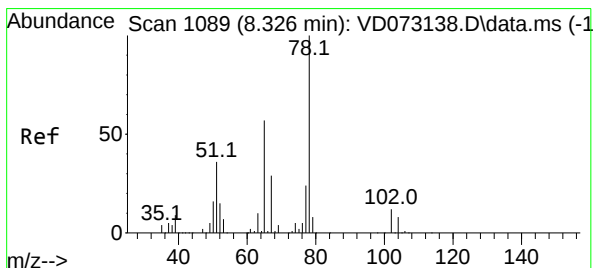
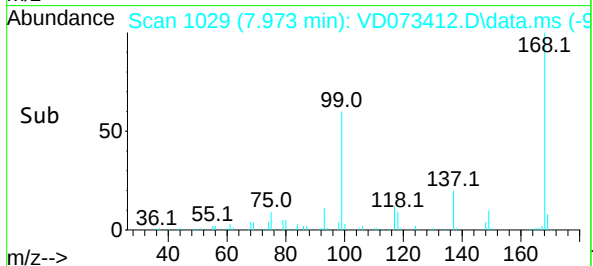
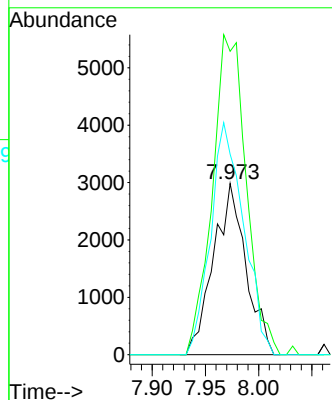
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	6325
Ion Ratio	Lower	Upper	
56	100		
69	177.2	25.4	38.2#
84	117.1	63.0	94.4#



#33

1,2-Dichloroethane-d4

Concen: 48.383 ug/l

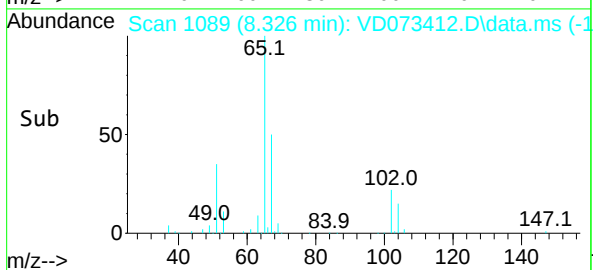
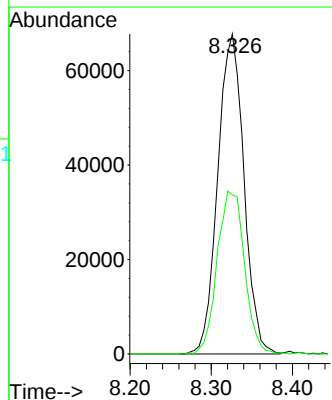
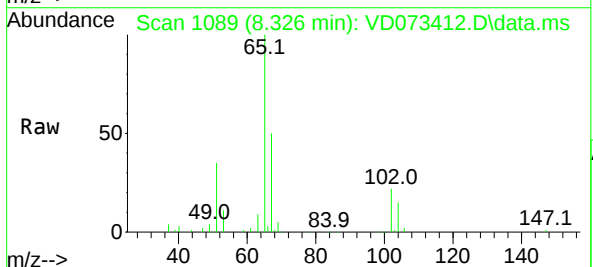
RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073412.D

Acq: 27 May 2022 15:40

Tgt Ion:	65	Resp:	151799
Ion Ratio	Lower	Upper	
65	100		
67	53.2	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: VD073412.D

Acq: 27 May 2022 15:40

Instrument :

MSVOA_D

ClientSampleId :

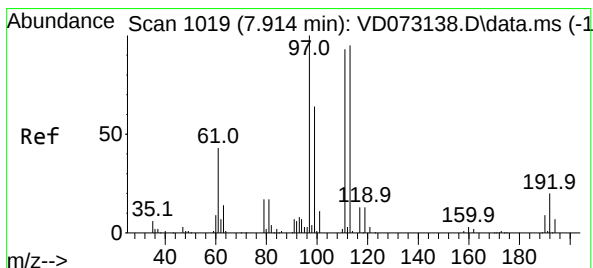
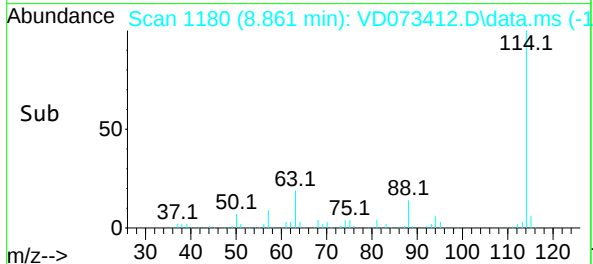
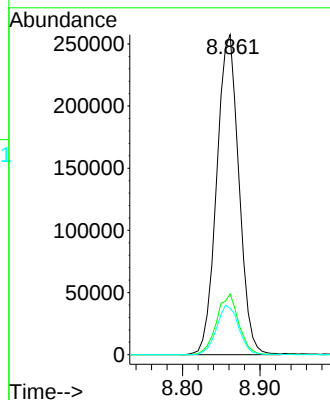
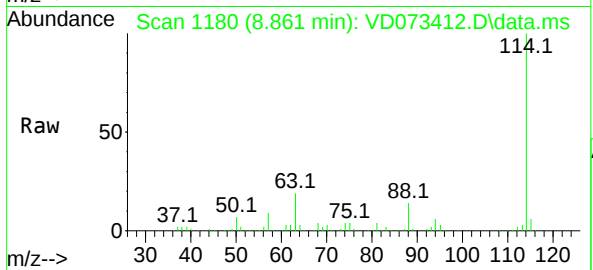
Tgt Ion:114 Resp: 512521

Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 14.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.344 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073412.D

Acq: 27 May 2022 15:40

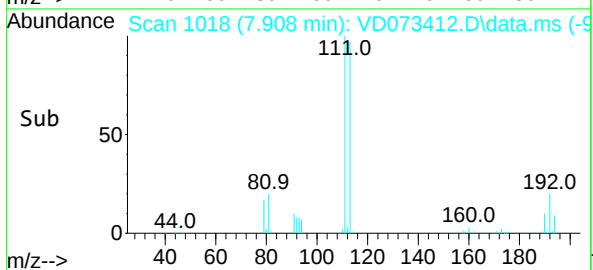
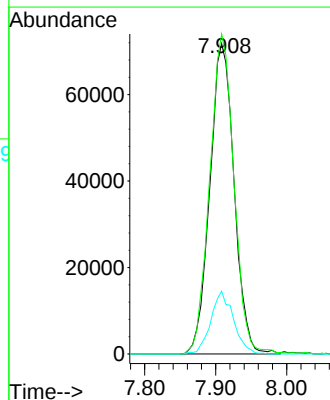
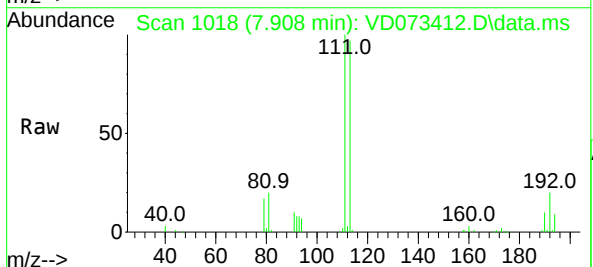
Tgt Ion:113 Resp: 170262

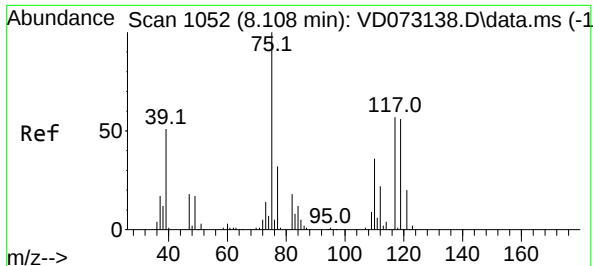
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

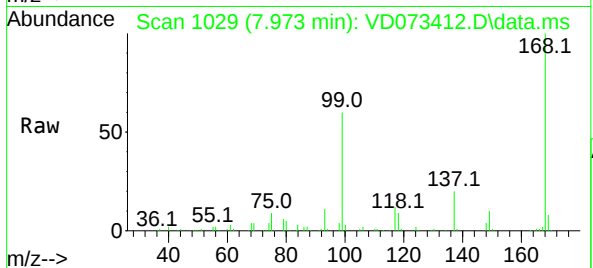
192 18.9 14.6 21.8



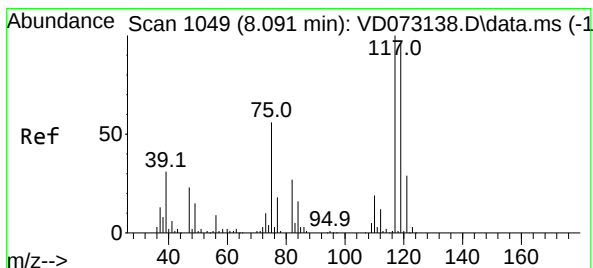
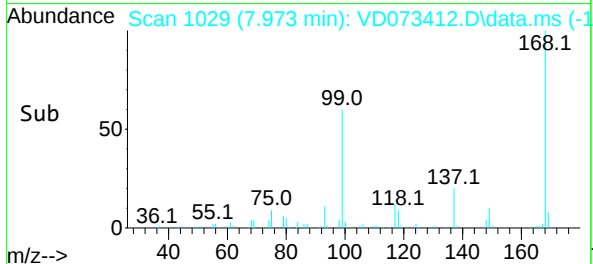
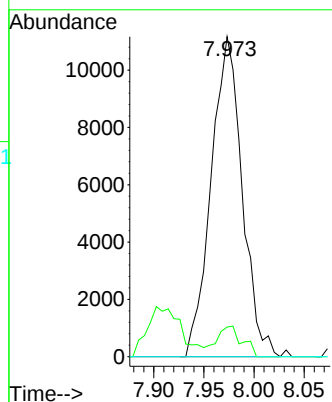


#36
1,1-Dichloropropene
Concen: 4.725 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD073412.D
Acq: 27 May 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :

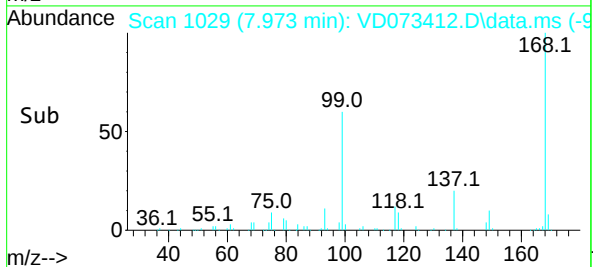
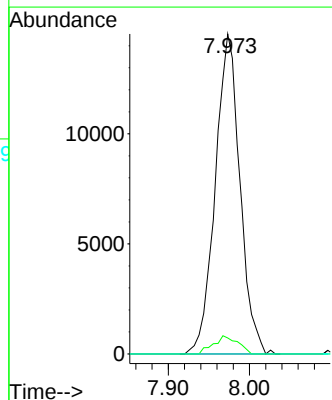
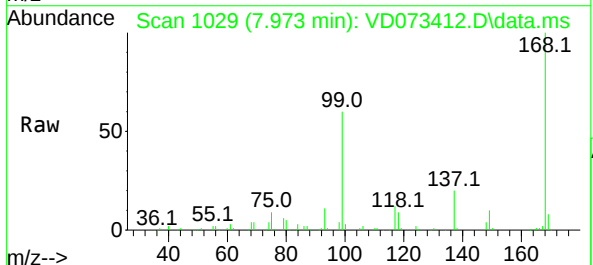


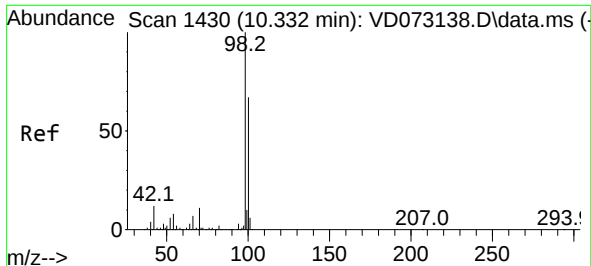
Tgt Ion: 75 Resp: 24035
Ion Ratio Lower Upper
75 100
110 7.8 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.959 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073412.D
Acq: 27 May 2022 15:40

Tgt Ion: 117 Resp: 30726
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.5 36.7#

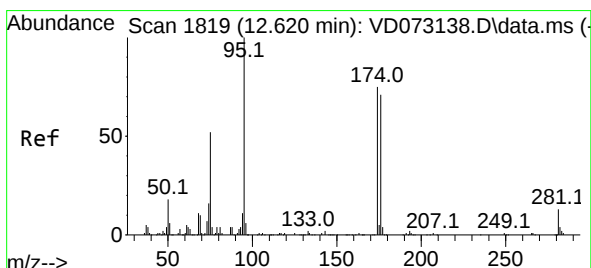
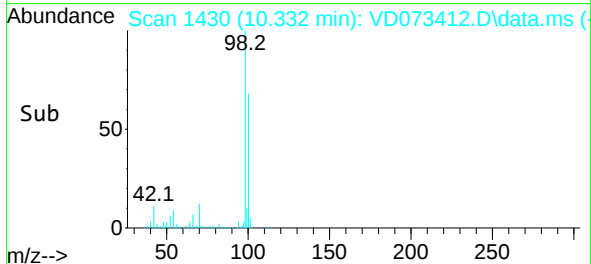
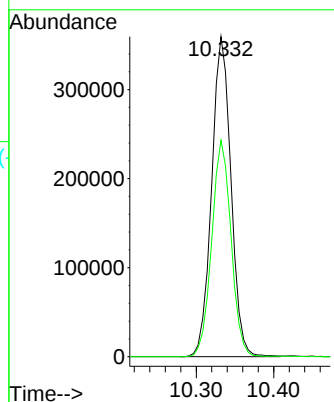
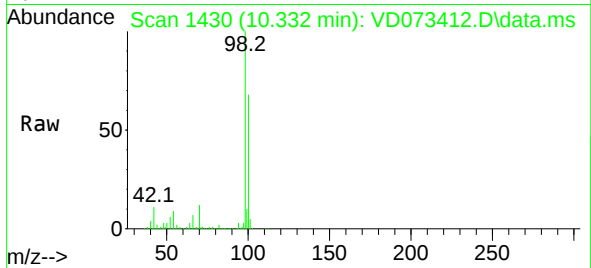




#50
Toluene-d8
Concen: 50.063 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073412.D
Acq: 27 May 2022 15:40

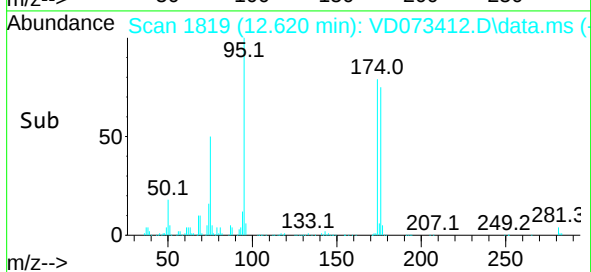
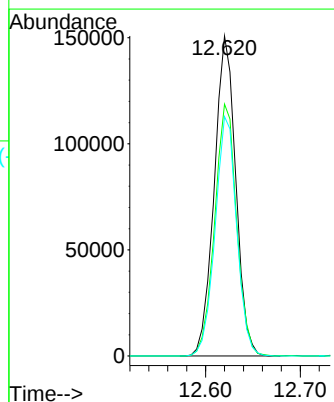
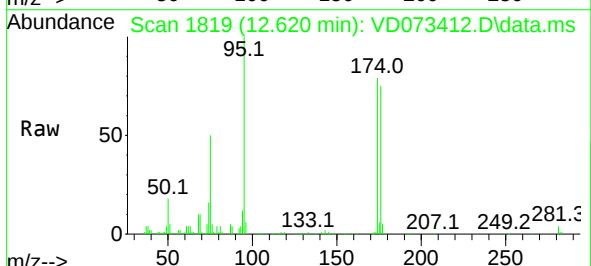
Instrument :
MSVOA_D
ClientSampleId :

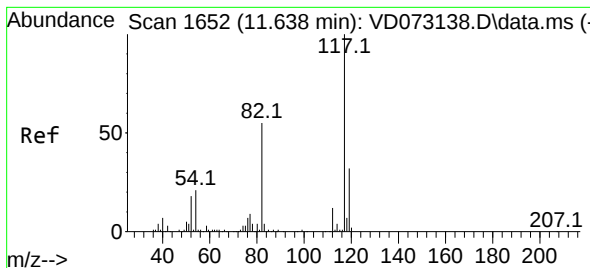
Tgt Ion: 98 Resp: 624126
Ion Ratio Lower Upper
98 100
100 67.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.447 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073412.D
Acq: 27 May 2022 15:40

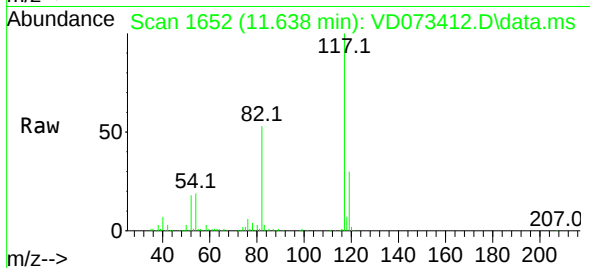
Tgt Ion: 95 Resp: 238210
Ion Ratio Lower Upper
95 100
174 80.2 0.0 152.8
176 74.9 0.0 145.4



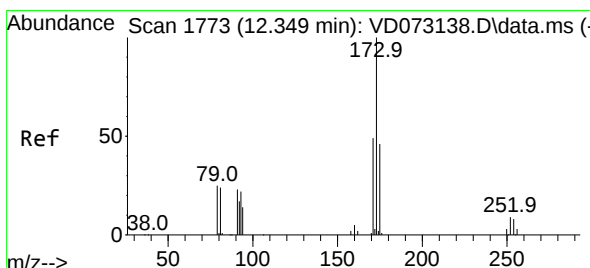
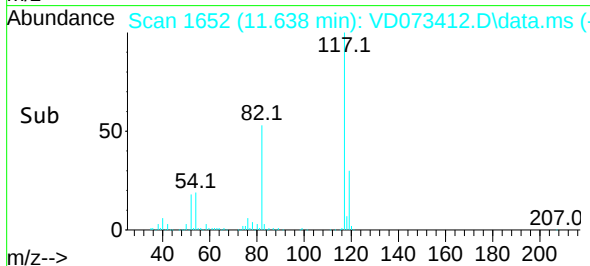
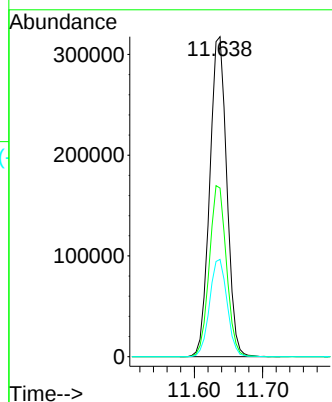


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073412.D
Acq: 27 May 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :

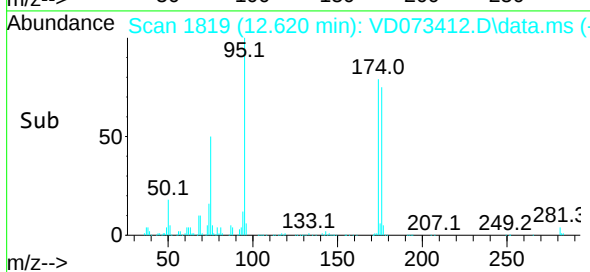
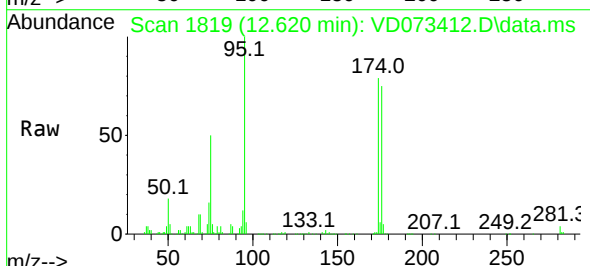
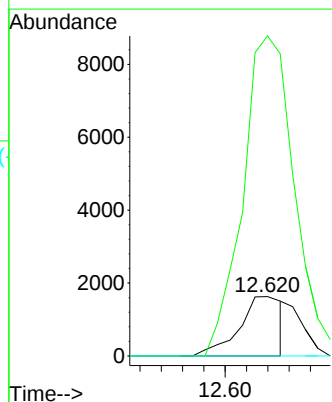


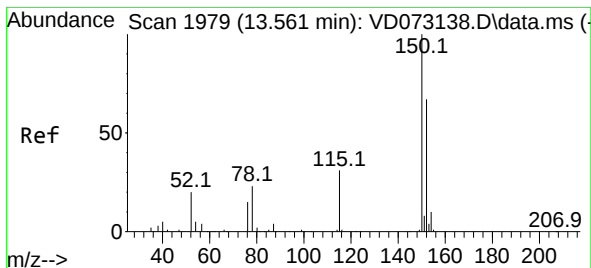
Tgt Ion:117 Resp: 553284
Ion Ratio Lower Upper
117 100
82 52.7 45.3 67.9
119 30.4 26.6 40.0



#71
Bromoform
Concen: 1.061 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD073412.D
Acq: 27 May 2022 15:40

Tgt Ion:173 Resp: 2298
Ion Ratio Lower Upper
173 100
175 500.5 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

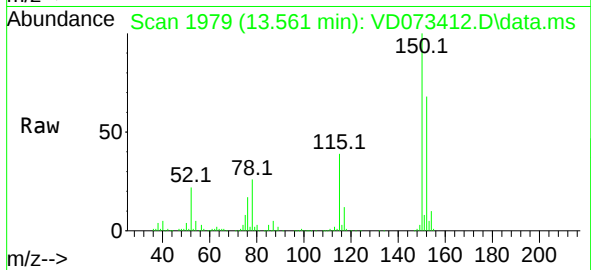
Lab File: VD073412.D

Acq: 27 May 2022 15:40

Instrument :

MSVOA_D

ClientSampleId :



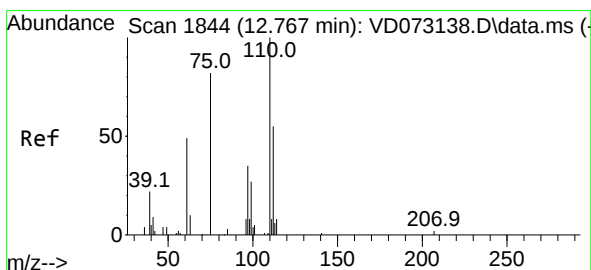
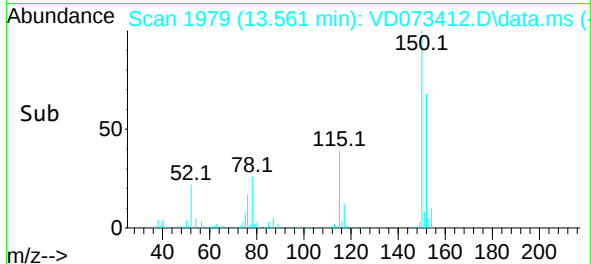
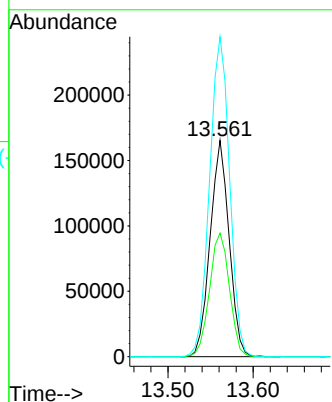
Tgt Ion:152 Resp: 256034

Ion Ratio Lower Upper

152 100

115 59.8 31.3 93.8

150 155.6 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 46.839 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073412.D

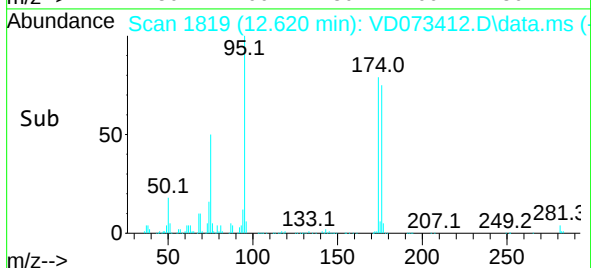
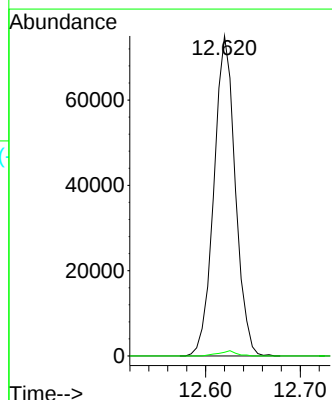
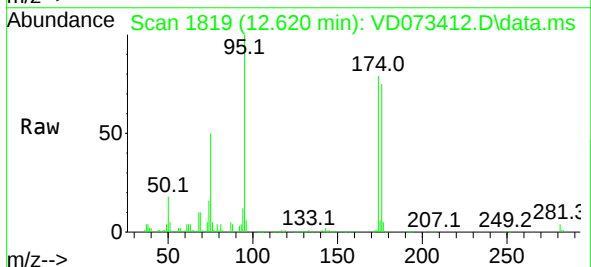
Acq: 27 May 2022 15:40

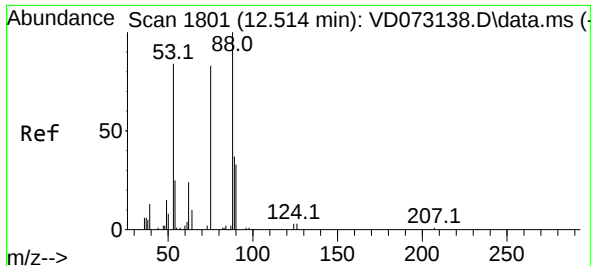
Tgt Ion: 75 Resp: 117667

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

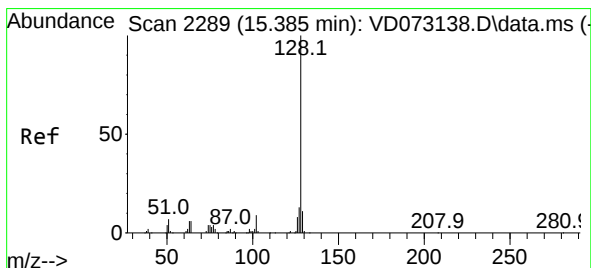
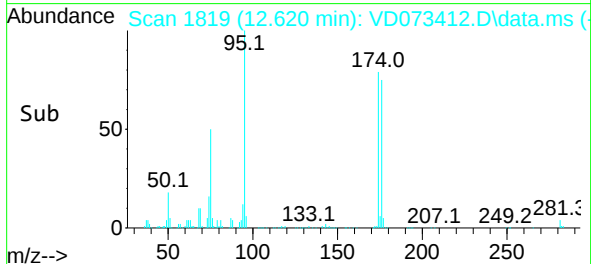
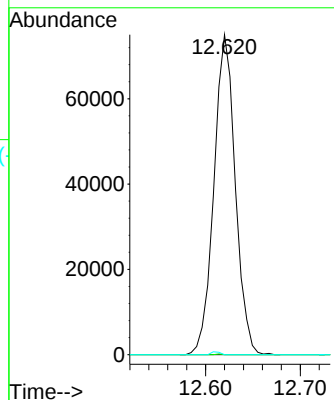
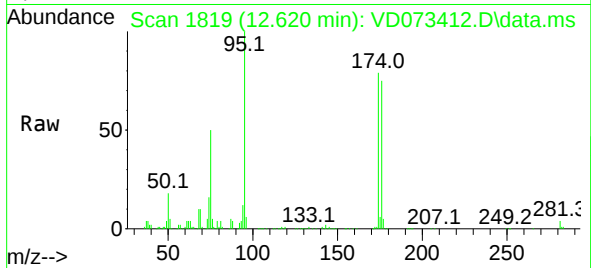




#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.447 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD073412.D
 Acq: 27 May 2022 15:40

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 117667
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.4 33.9 50.9#



#95
 Naphthalene
 Concen: 3.571 ug/l
 RT: 15.384 min Scan# 2289
 Delta R.T. -0.001 min
 Lab File: VD073412.D
 Acq: 27 May 2022 15:40

Tgt Ion: 128 Resp: 270
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.4 12.6#

