

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073411.D
 Acq On : 27 May 2022 15:11
 Operator : VA/SY
 Sample : N3080-04
 Misc : 5.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 28 09:44:25 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)

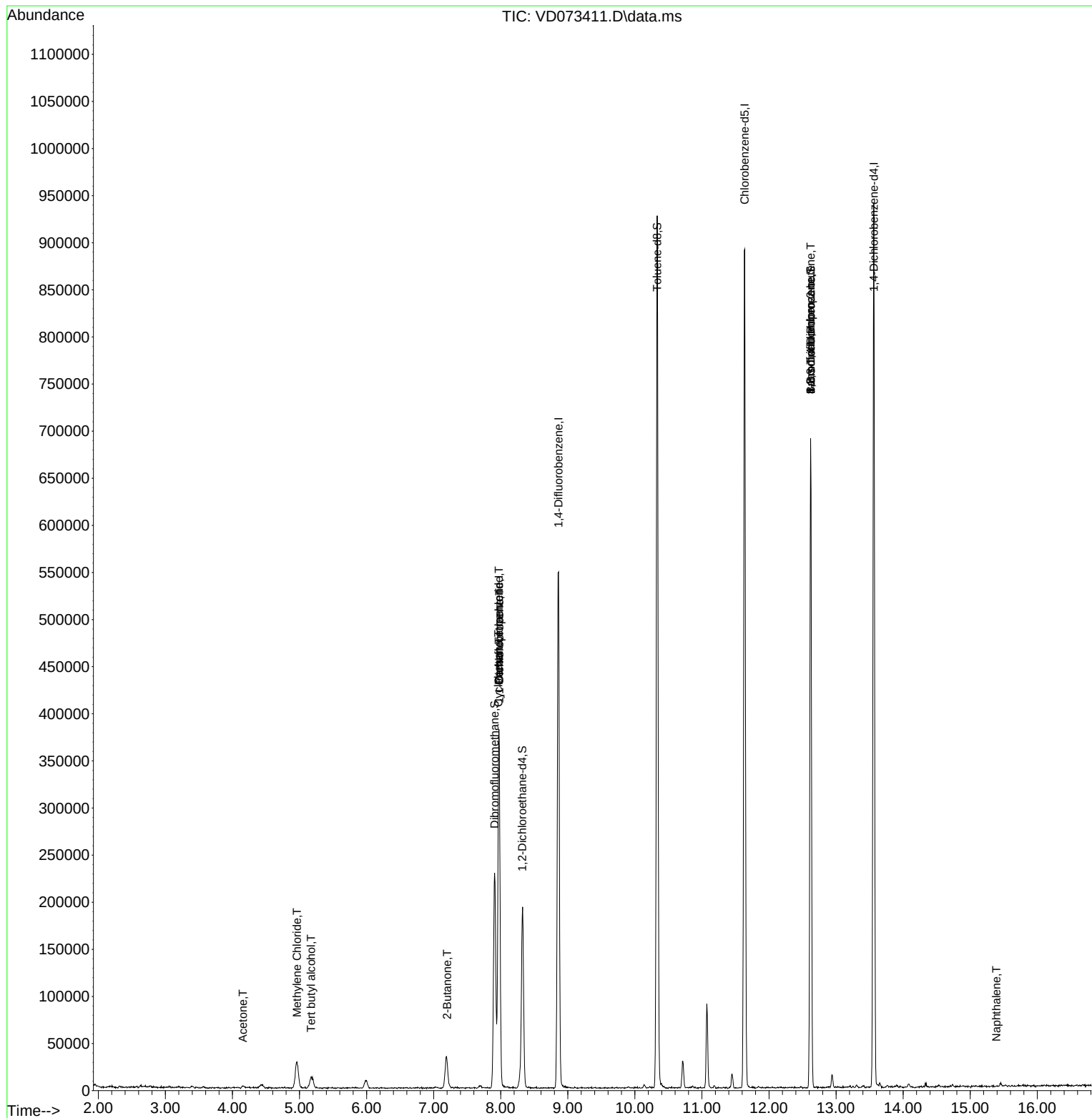
Internal Standards						
1) Pentafluorobenzene	7.973	168	273462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	490431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	542523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	246112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	149800	49.567	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.140%		
35) Dibromofluoromethane	7.909	113	167093	51.633	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.260%		
50) Toluene-d8	10.332	98	613074	51.392	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.780%		
62) 4-Bromofluorobenzene	12.620	95	232743	55.593	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	111.180%		
Target Compounds			Qvalue			
5) Bromomethane	2.774	94	823	Below Cal		88
11) Tert butyl alcohol	5.173	59	11211	23.910 ug/l #		74
16) Acetone	4.156	43	4000	7.641 ug/l		90
20) Methylene Chloride	4.962	84	21622	2.738 ug/l		87
25) 2-Butanone	7.203	43	1430	1.867 ug/l #		52
31) Cyclohexane	7.967	56	6931	1.312 ug/l #		10
36) 1,1-Dichloropropene	7.979	75	23864	4.903 ug/l #		51
38) Carbon Tetrachloride	7.973	117	29555	5.990 ug/l #		17
71) Bromoform	12.620	173	2241	1.055 ug/l #		1
76) 1,2,3-Trichloropropane	12.620	75	115226	47.717 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.620	75	115226	114.554 ug/l #		7
95) Naphthalene	15.391	128	86	3.551 ug/l #		70

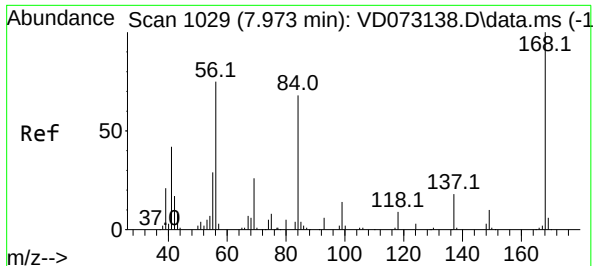
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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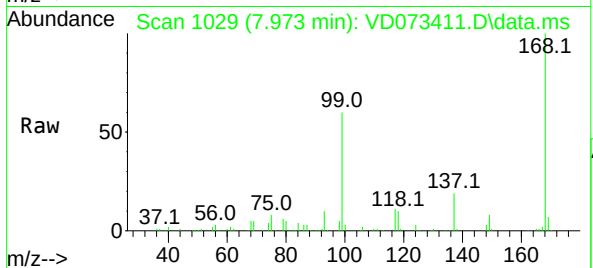
Quant Time: May 28 09:44:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



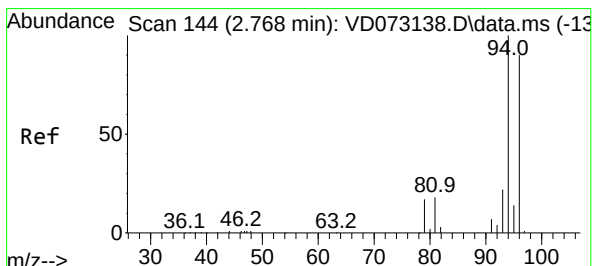
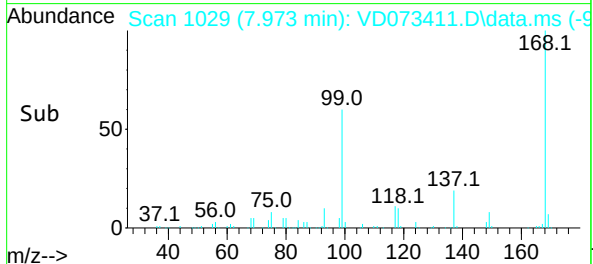
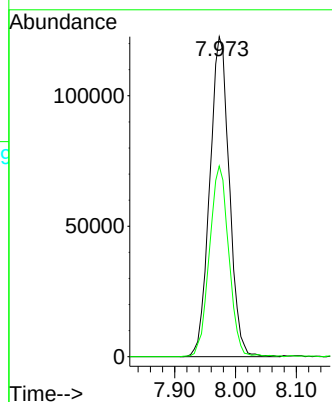


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073411.D
Acq: 27 May 2022 15:11

Instrument :
MSVOA_D
ClientSampleId :

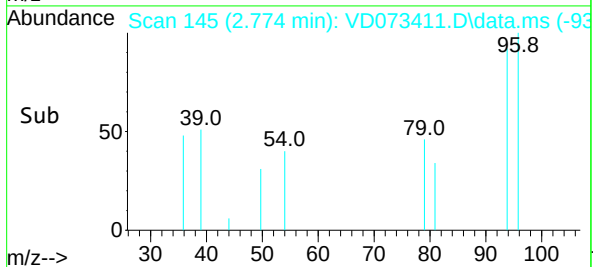
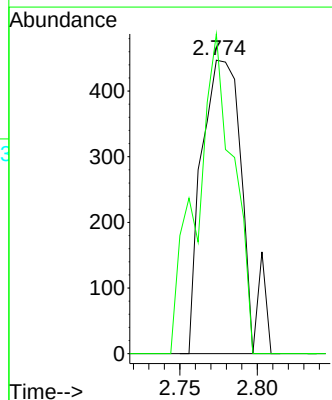
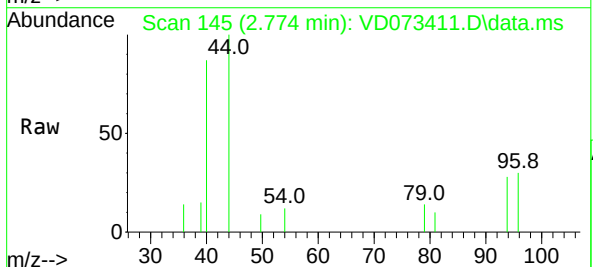


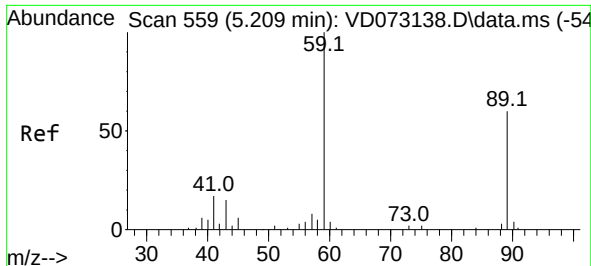
Tgt Ion:168 Resp: 273462
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD073411.D
Acq: 27 May 2022 15:11

Tgt Ion: 94 Resp: 823
Ion Ratio Lower Upper
94 100
96 108.9 77.6 116.4

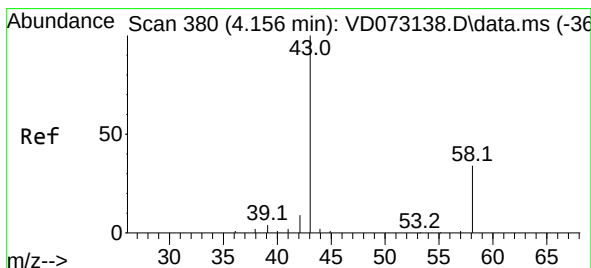
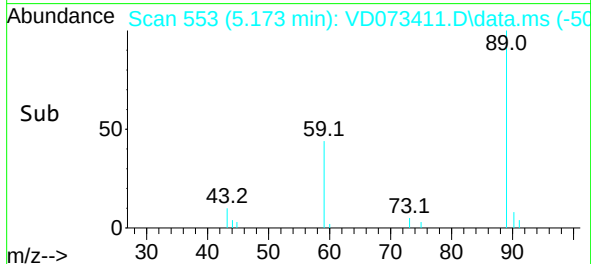
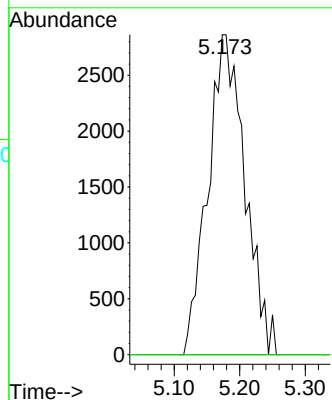
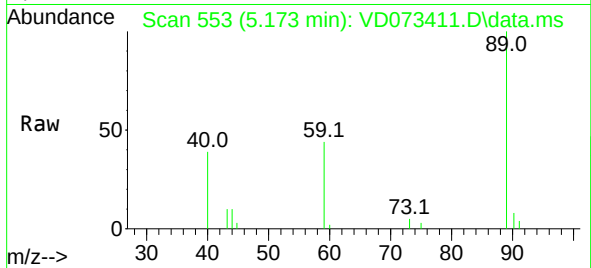




#11
Tert butyl alcohol
Concen: 23.910 ug/l
RT: 5.173 min Scan# 511
Delta R.T. -0.036 min
Lab File: VD073411.D
Acq: 27 May 2022 15:11

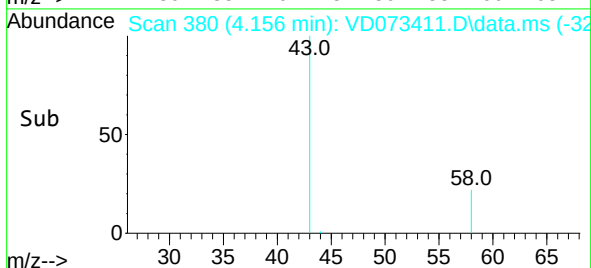
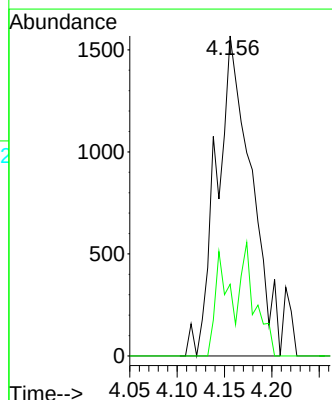
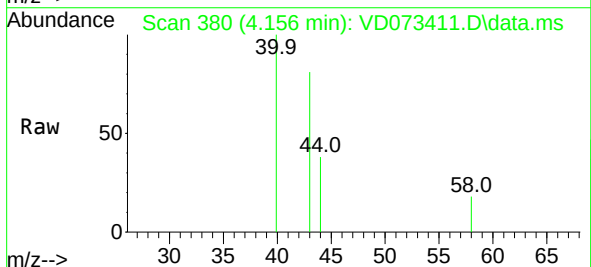
Instrument :
MSVOA_D
ClientSampleId :

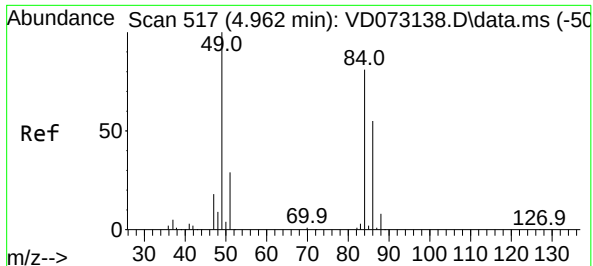
Tgt Ion: 59 Resp: 11211
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 7.641 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073411.D
Acq: 27 May 2022 15:11

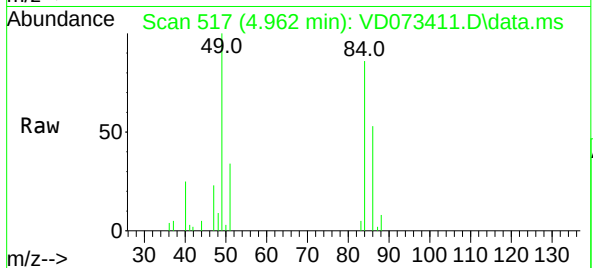
Tgt Ion: 43 Resp: 4000
Ion Ratio Lower Upper
43 100
58 22.4 22.1 33.1



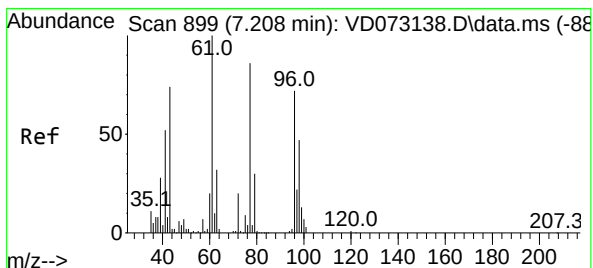
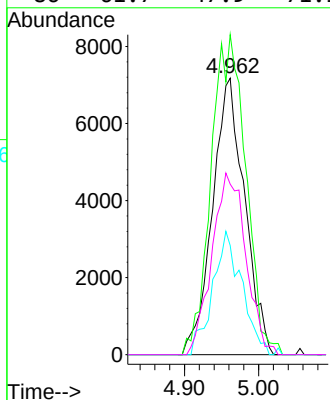
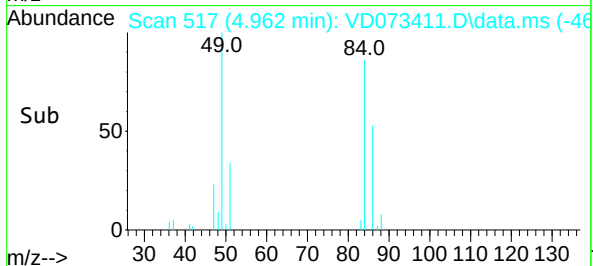


#20
Methylene Chloride
Concen: 2.738 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073411.D
Acq: 27 May 2022 15:11

Instrument :
MSVOA_D
ClientSampleId :

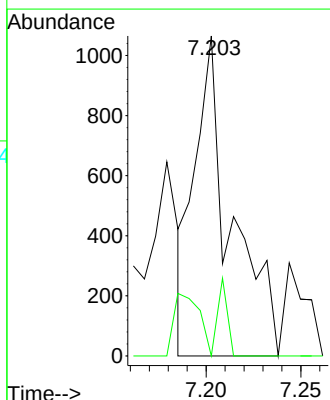
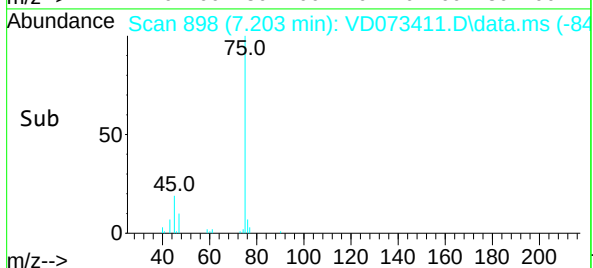
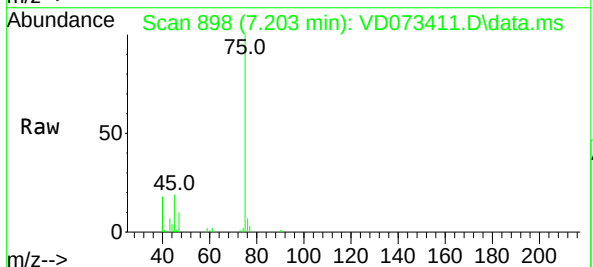


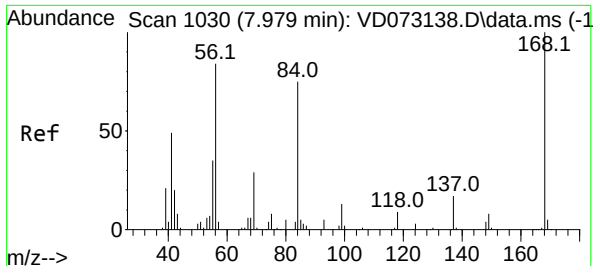
Tgt Ion:	84	Resp:	21622
Ion	Ratio	Lower	Upper
84	100		
49	115.7	112.8	169.2
51	39.4	32.6	48.8
86	61.7	47.9	71.9



#25
2-Butanone
Concen: 1.867 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.005 min
Lab File: VD073411.D
Acq: 27 May 2022 15:11

Tgt Ion:	43	Resp:	1430
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#31

Cyclohexane

Concen: 1.312 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

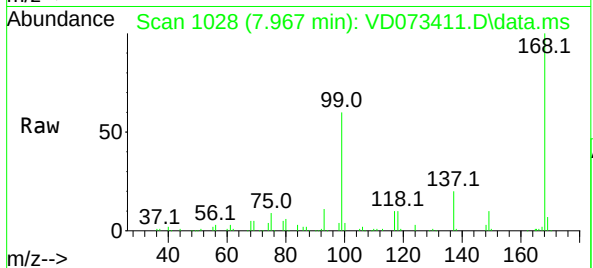
Lab File: VD073411.D

Acq: 27 May 2022 15:11

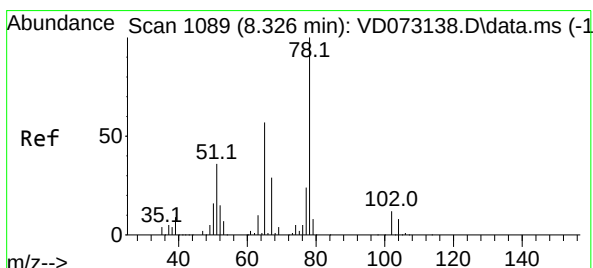
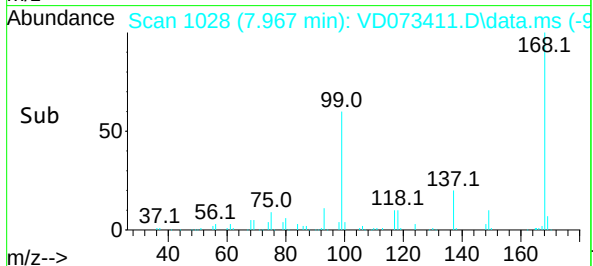
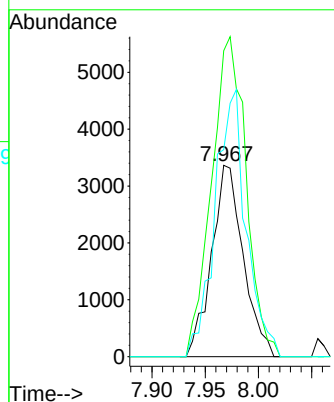
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	6931
Ion Ratio	Lower	Upper	
56	100		
69	159.9	25.4	38.2#
84	108.2	63.0	94.4#



#33

1,2-Dichloroethane-d4

Concen: 49.567 ug/l

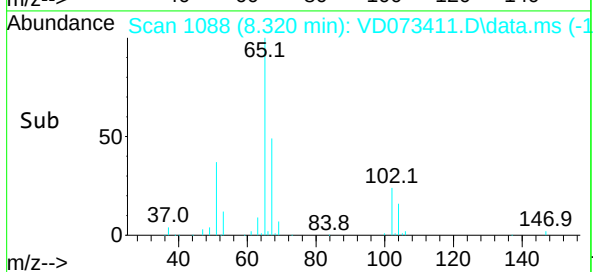
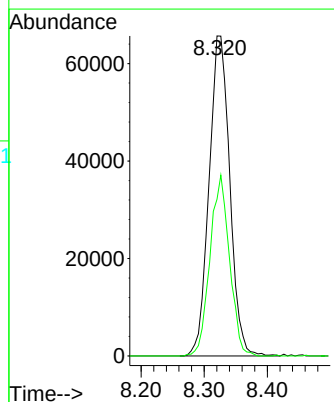
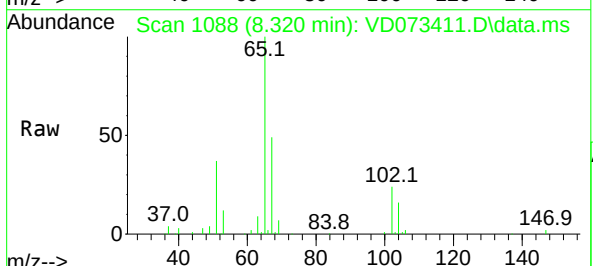
RT: 8.320 min Scan# 1088

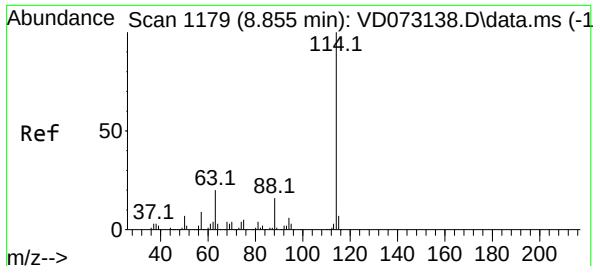
Delta R.T. -0.006 min

Lab File: VD073411.D

Acq: 27 May 2022 15:11

Tgt Ion:	65	Resp:	149800
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: VD073411.D

Acq: 27 May 2022 15:11

Instrument :

MSVOA_D

ClientSampleId :

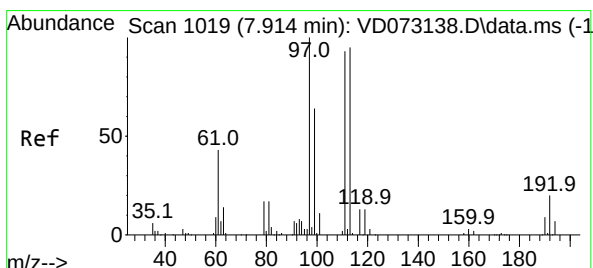
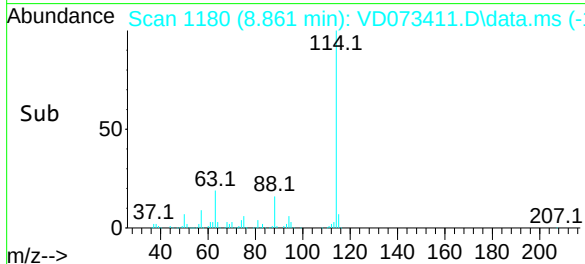
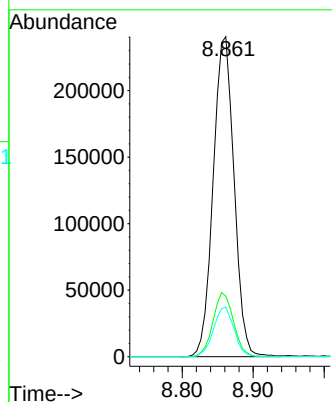
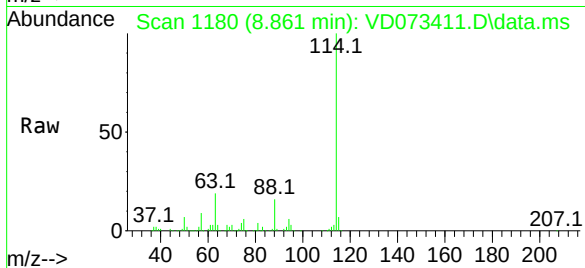
Tgt Ion:114 Resp: 490431

Ion Ratio Lower Upper

114 100

63 18.9 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.633 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073411.D

Acq: 27 May 2022 15:11

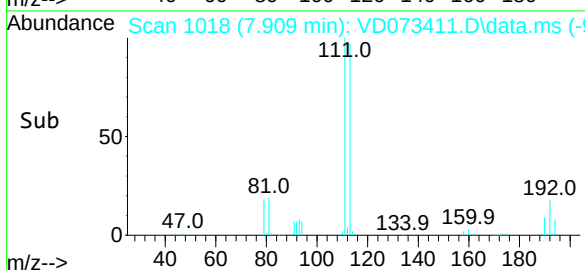
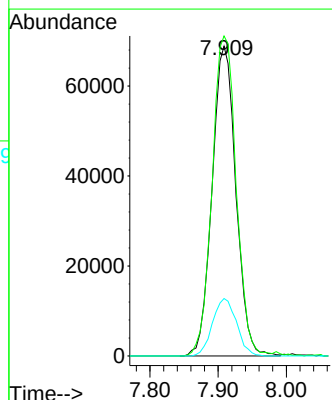
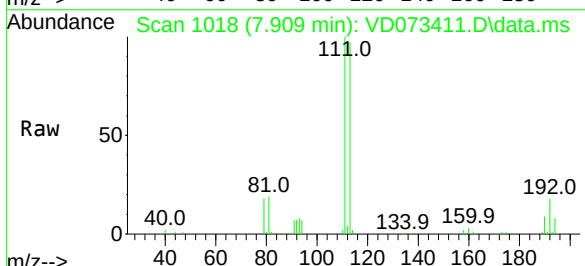
Tgt Ion:113 Resp: 167093

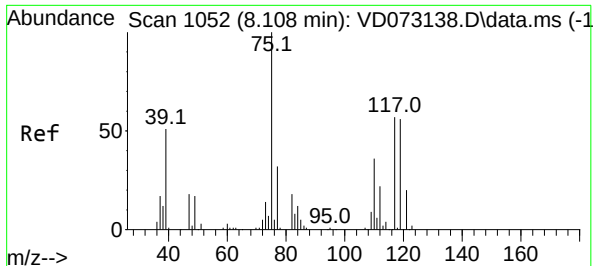
Ion Ratio Lower Upper

113 100

111 104.7 83.8 125.6

192 18.7 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.903 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.129 min

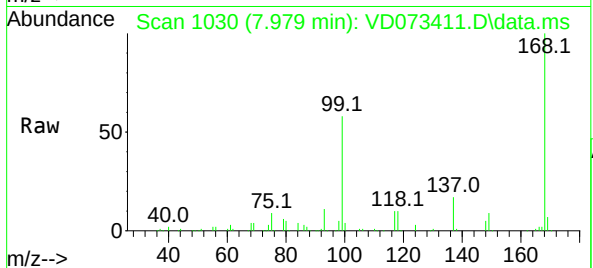
Lab File: VD073411.D

Acq: 27 May 2022 15:11

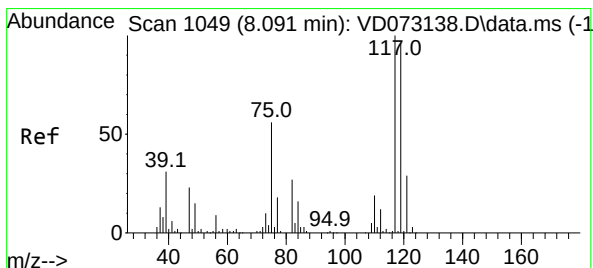
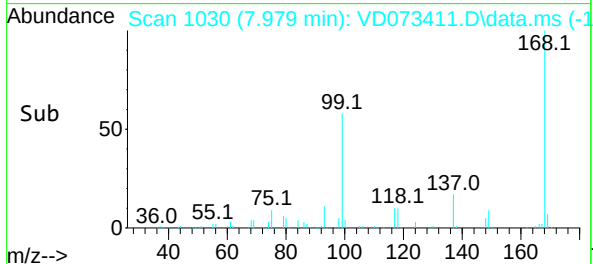
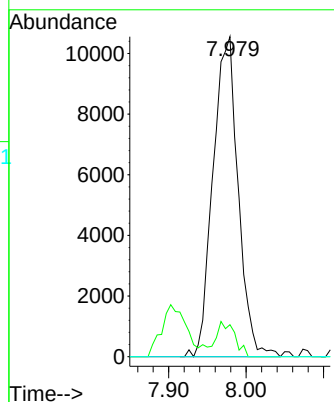
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 23864
Ion Ratio	Lower Upper
75	100
110	8.1 16.4 49.1#
77	0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.990 ug/l

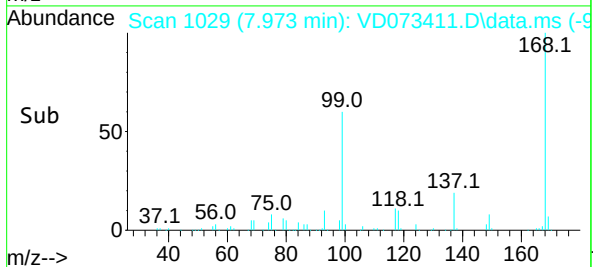
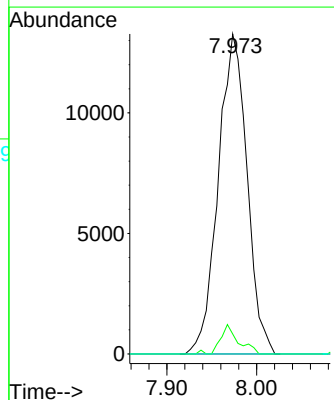
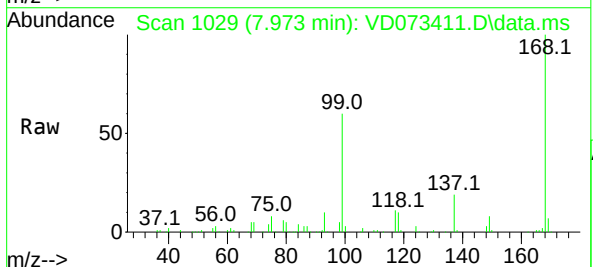
RT: 7.973 min Scan# 1029

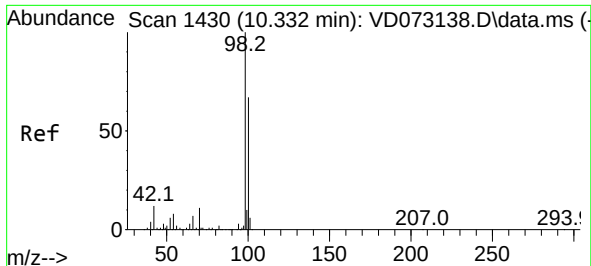
Delta R.T. -0.118 min

Lab File: VD073411.D

Acq: 27 May 2022 15:11

Tgt Ion: 117	Resp: 29555
Ion Ratio	Lower Upper
117	100
119	6.3 75.8 113.6#
121	0.0 24.5 36.7#

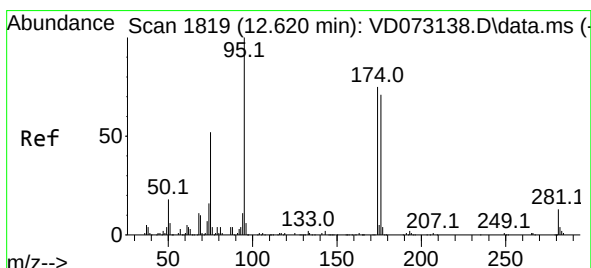
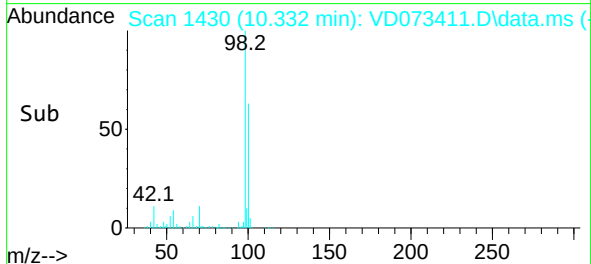
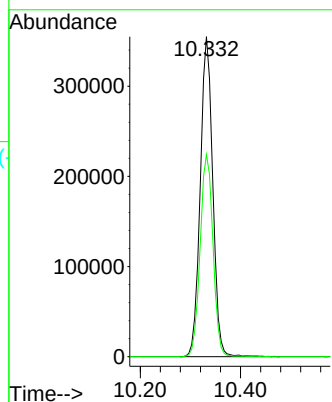
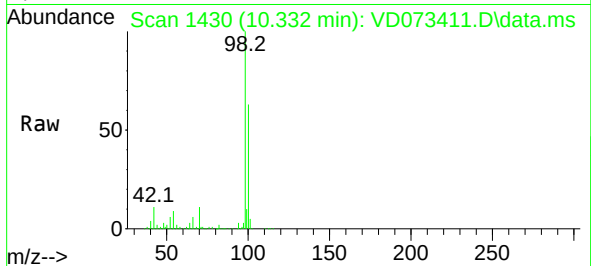




#50
Toluene-d8
Concen: 51.392 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073411.D
Acq: 27 May 2022 15:11

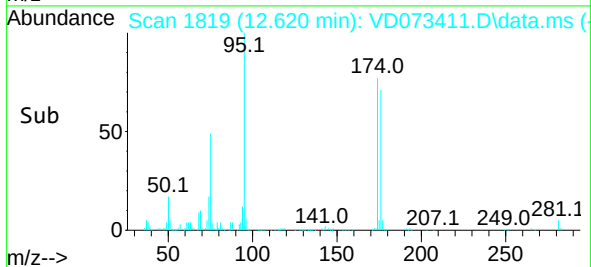
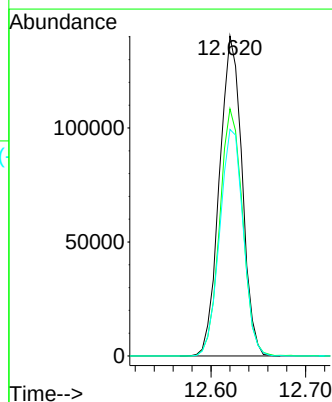
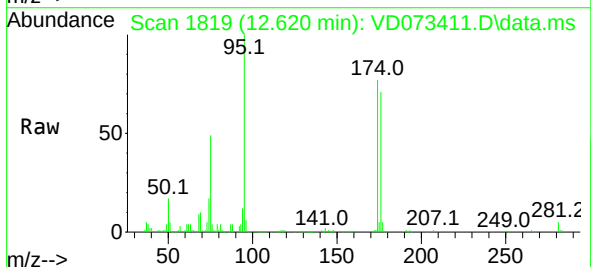
Instrument :
MSVOA_D
ClientSampleId :

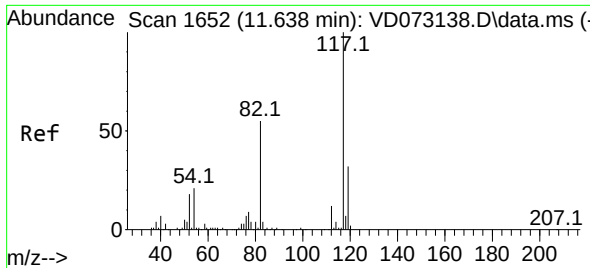
Tgt Ion: 98 Resp: 613074
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.593 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073411.D
Acq: 27 May 2022 15:11

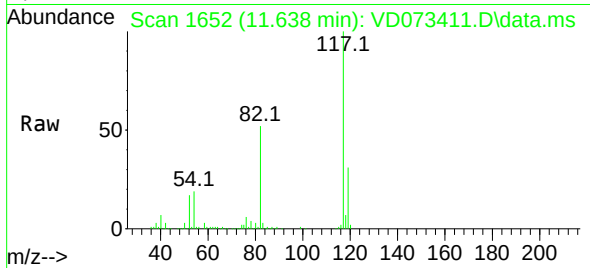
Tgt Ion: 95 Resp: 232743
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.8
176 73.6 0.0 145.4



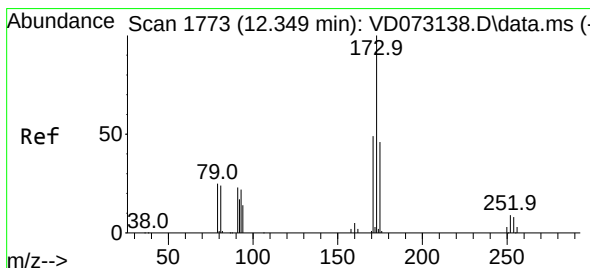
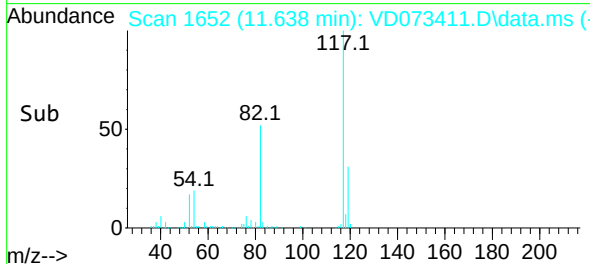
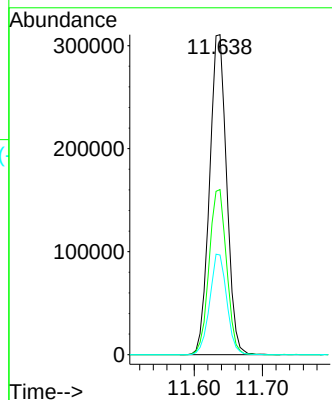


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073411.D
Acq: 27 May 2022 15:11

Instrument :
MSVOA_D
ClientSampleId :

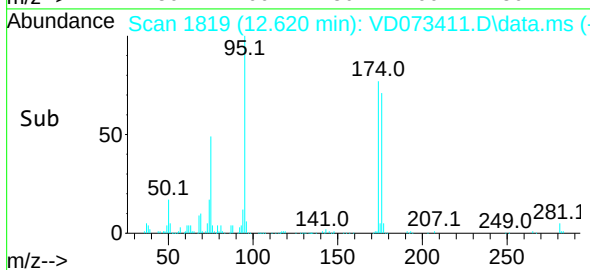
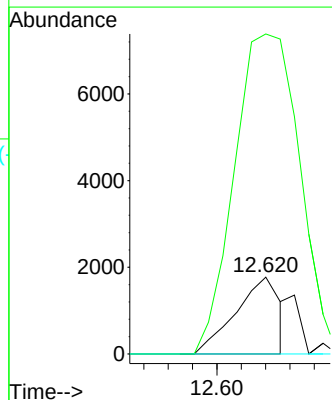
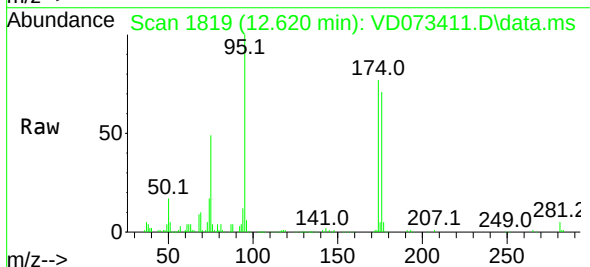


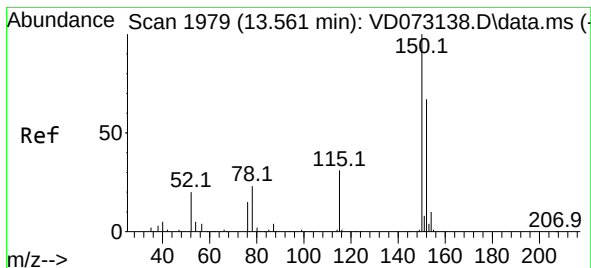
Tgt Ion:117 Resp: 542523
Ion Ratio Lower Upper
117 100
82 51.6 45.3 67.9
119 31.2 26.6 40.0



#71
Bromoform
Concen: 1.055 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD073411.D
Acq: 27 May 2022 15:11

Tgt Ion:173 Resp: 2241
Ion Ratio Lower Upper
173 100
175 466.1 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

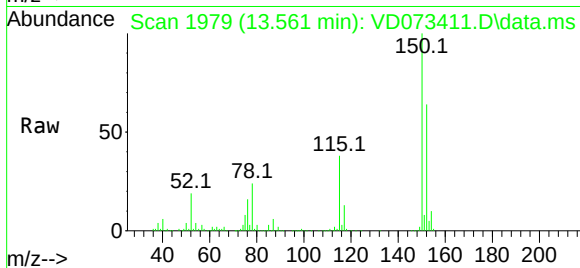
Lab File: VD073411.D

Acq: 27 May 2022 15:11

Instrument :

MSVOA_D

ClientSampleId :



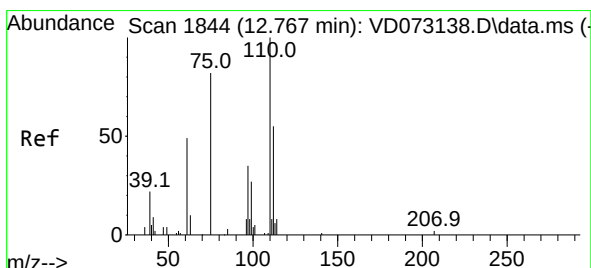
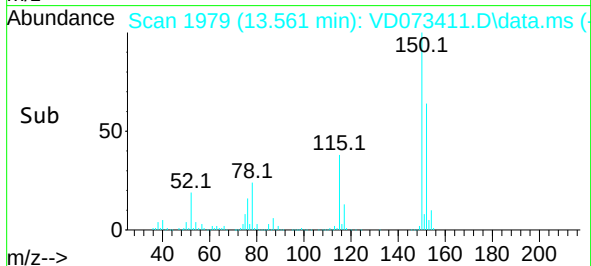
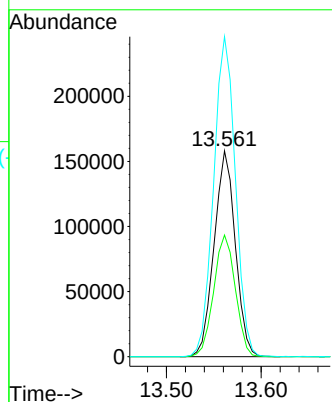
Tgt Ion:152 Resp: 246112

Ion Ratio Lower Upper

152 100

115 60.2 31.3 93.8

150 159.6 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 47.717 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073411.D

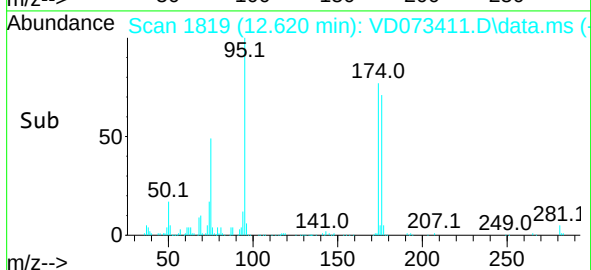
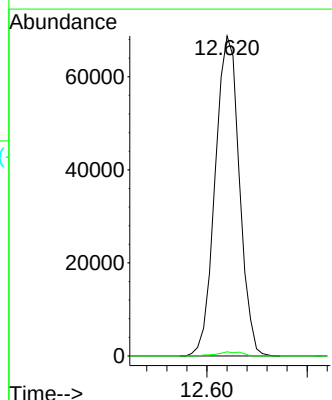
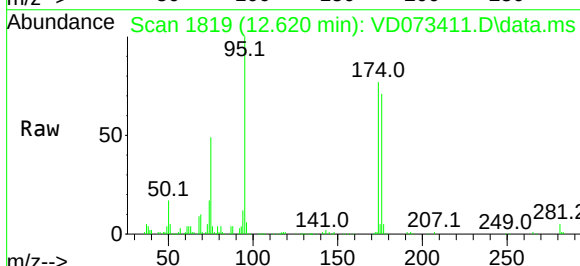
Acq: 27 May 2022 15:11

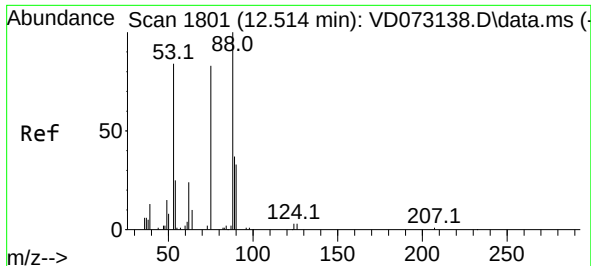
Tgt Ion: 75 Resp: 115226

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

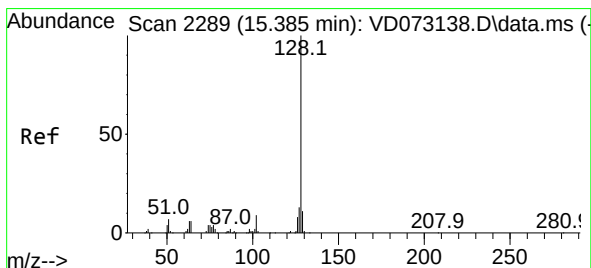
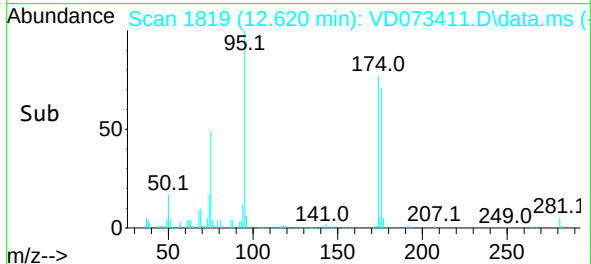
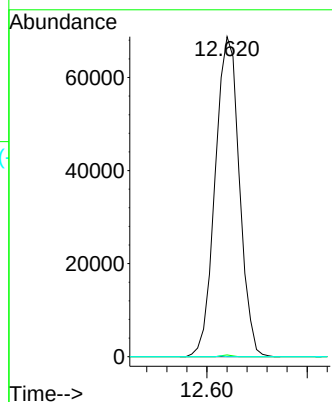
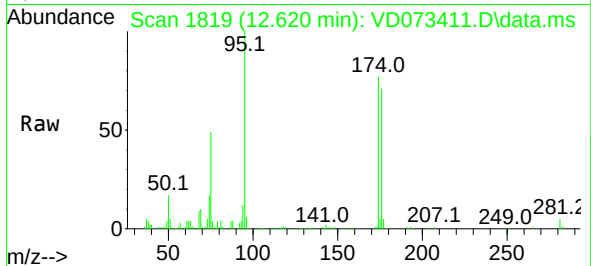




#81
trans-1,4-Dichloro-2-butene
Concen: 114.554 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD073411.D
Acq: 27 May 2022 15:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 115226
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.551 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD073411.D
Acq: 27 May 2022 15:11

Tgt Ion:128 Resp: 86
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

