

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
 Data File : VD073437.D
 Acq On : 31 May 2022 21:12
 Operator : VA/SY
 Sample : N3075-04
 Misc : 5.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 01 01:40:24 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)

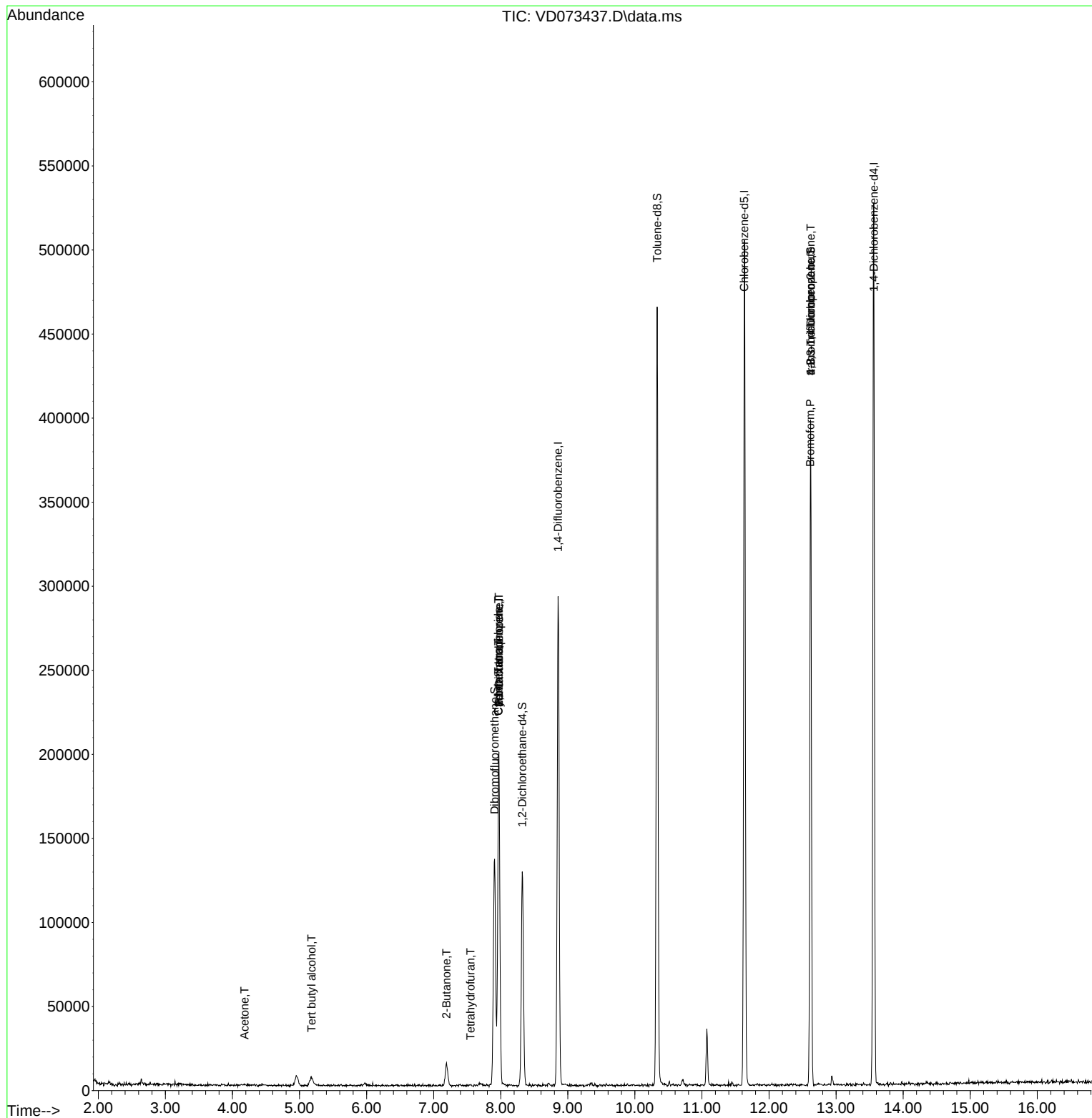
Internal Standards						
1) Pentafluorobenzene	7.973	168	140269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	250397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	297065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	142965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	101633	65.562	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.120%			
35) Dibromofluoromethane	7.908	113	97492	59.004	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.000%			
50) Toluene-d8	10.332	98	319706	52.491	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.980%			
62) 4-Bromofluorobenzene	12.620	95	128372	60.057	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 120.120%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	209	Below Cal	#	1
11) Tert butyl alcohol	5.179	59	5065	21.059	ug/l #	74
16) Acetone	4.179	43	746	2.778	ug/l #	47
20) Methylene Chloride	4.950	84	4928	Below Cal	#	74
25) 2-Butanone	7.191	43	424	1.079	ug/l #	35
29) Tetrahydrofuran	7.550	42	291	1.146	ug/l #	38
31) Cyclohexane	7.967	56	3051	1.126	ug/l #	2
36) 1,1-Dichloropropene	7.973	75	11767	4.735	ug/l #	51
38) Carbon Tetrachloride	7.967	117	15590	6.189	ug/l #	20
71) Bromoform	12.614	173	1250	1.075	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	62746	44.731	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	62746	107.386	ug/l #	7

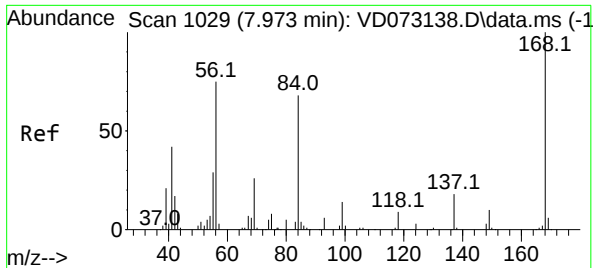
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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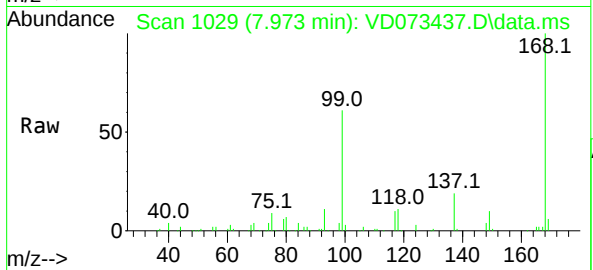
Quant Time: Jun 01 01:40:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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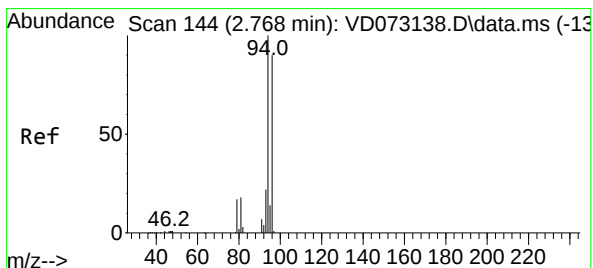
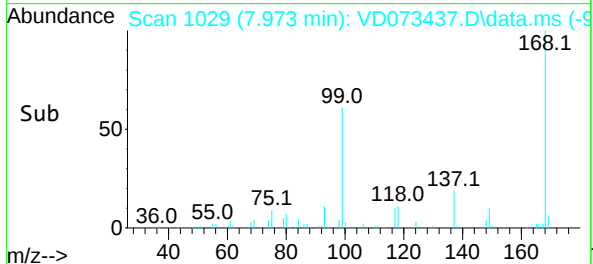
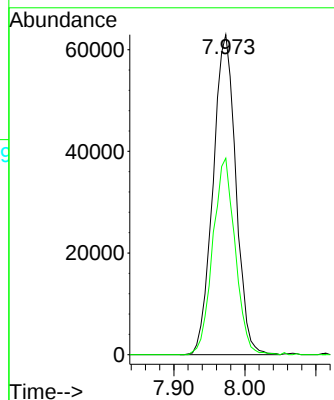


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

Instrument :
MSVOA_D
ClientSampleId :

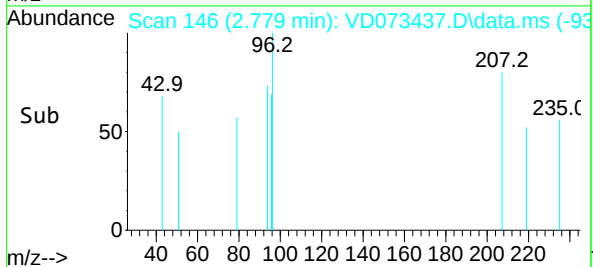
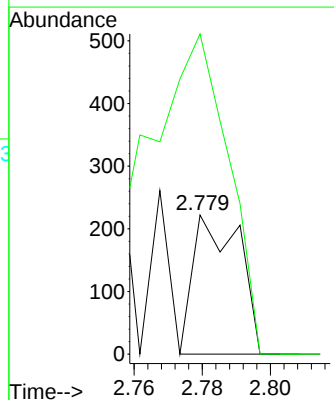
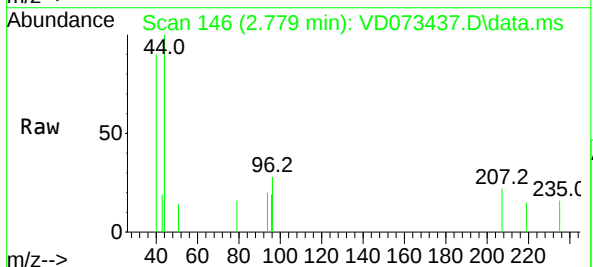


Tgt Ion:168 Resp: 140269
Ion Ratio Lower Upper
168 100
99 61.4 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

Tgt Ion: 94 Resp: 209
Ion Ratio Lower Upper
94 100
96 230.2 77.6 116.4#

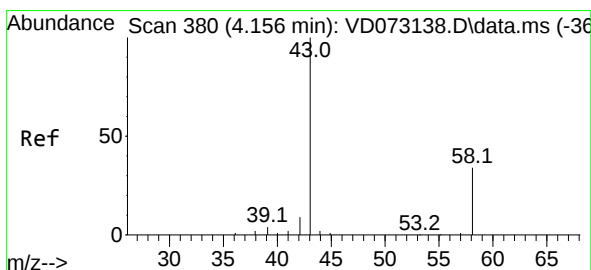
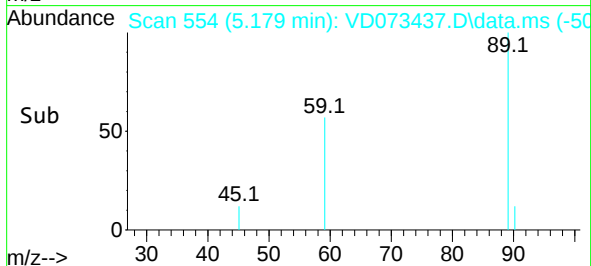
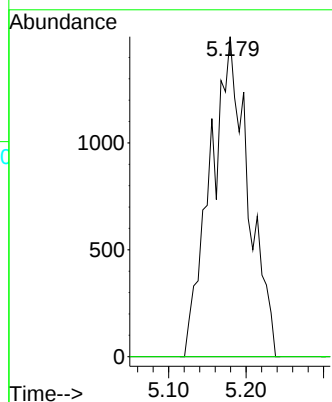
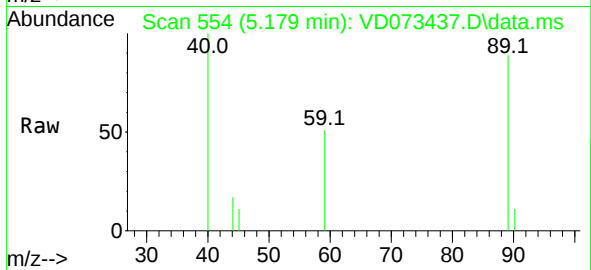




#11
Tert butyl alcohol
Concen: 21.059 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

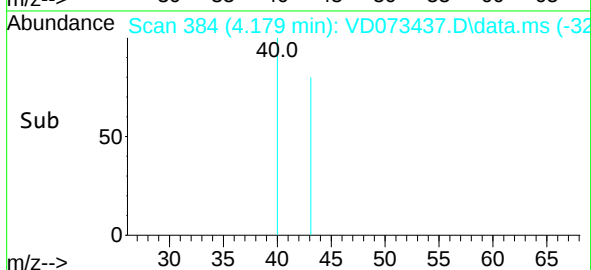
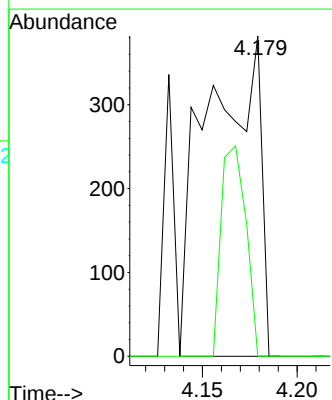
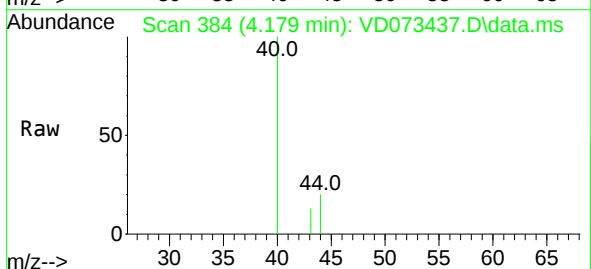
Instrument :
MSVOA_D
ClientSampleId :

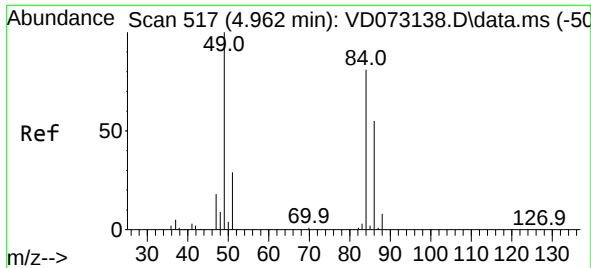
Tgt Ion: 59 Resp: 5065
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 2.778 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.023 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

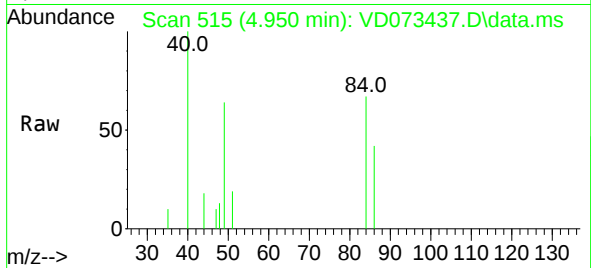
Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



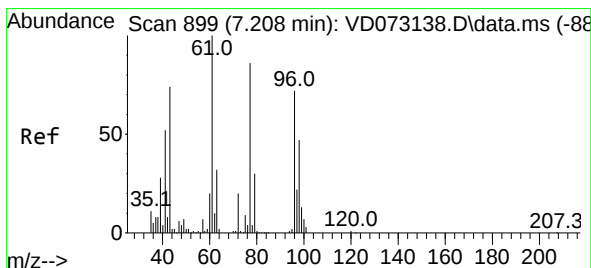
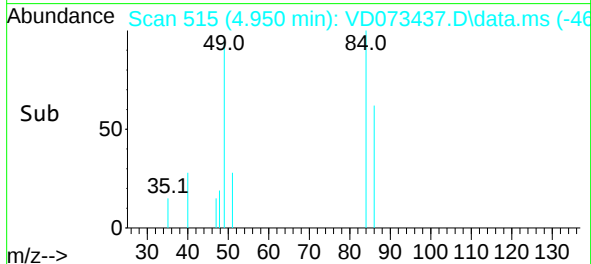
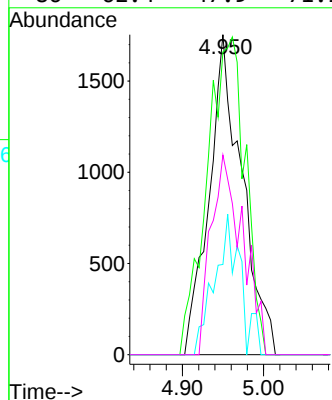


#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

Instrument :
MSVOA_D
ClientSampleId :

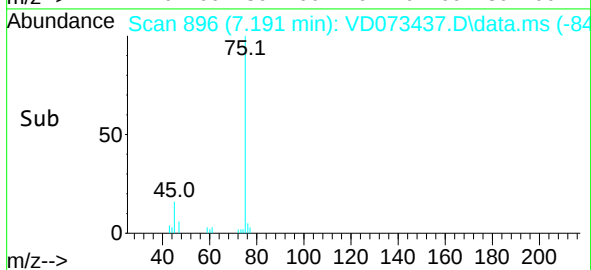
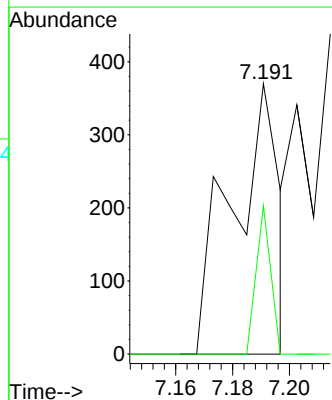
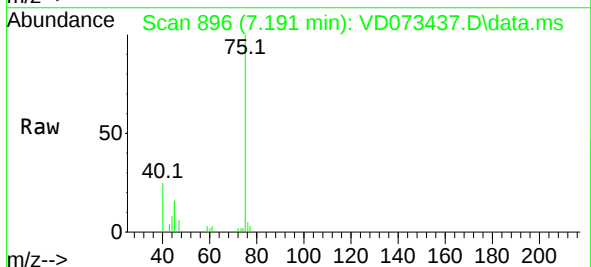


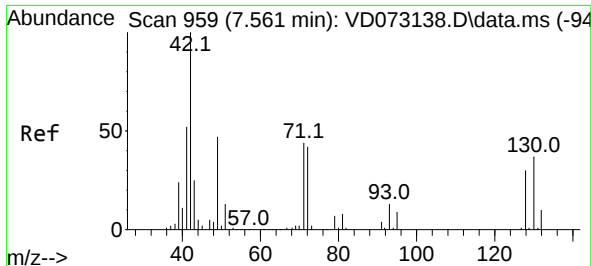
Tgt Ion:	84	Resp:	4928
Ion	Ratio	Lower	Upper
84	100		
49	94.6	112.8	169.2#
51	28.2	32.6	48.8#
86	62.4	47.9	71.9



#25
2-Butanone
Concen: 1.079 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.017 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

Tgt Ion:	43	Resp:	424
Ion	Ratio	Lower	Upper
43	100		
72	54.9	18.6	27.8#





#29

Tetrahydrofuran

Concen: 1.146 ug/l

RT: 7.550 min Scan# 91

Delta R.T. -0.011 min

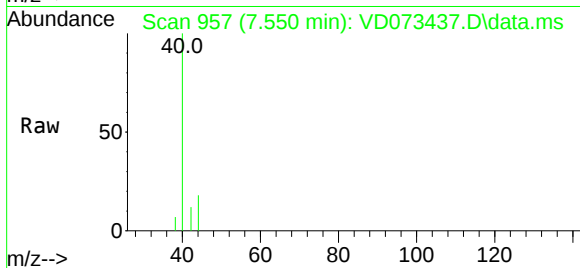
Lab File: VD073437.D

Acq: 31 May 2022 21:12

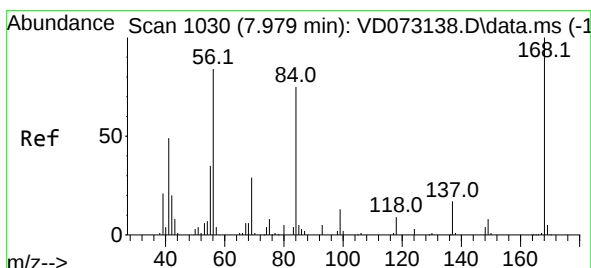
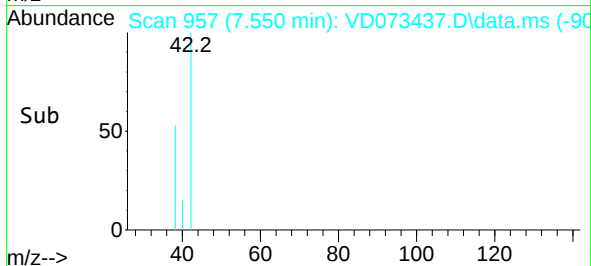
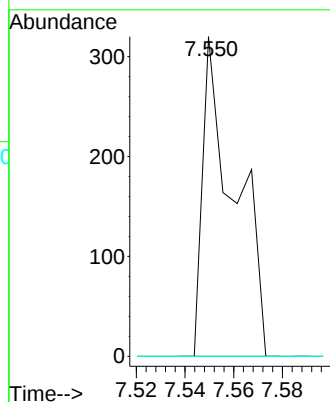
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	291
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.7	46.1#
71	0.0	28.6	43.0#



#31

Cyclohexane

Concen: 1.126 ug/l

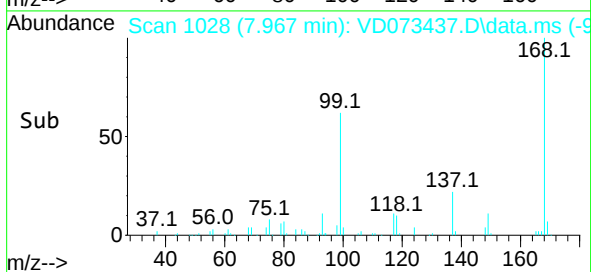
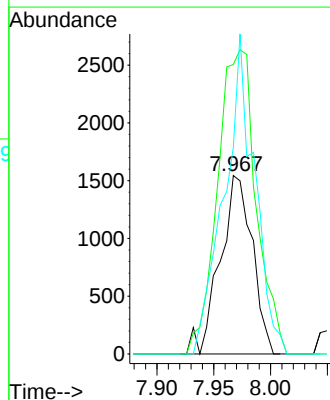
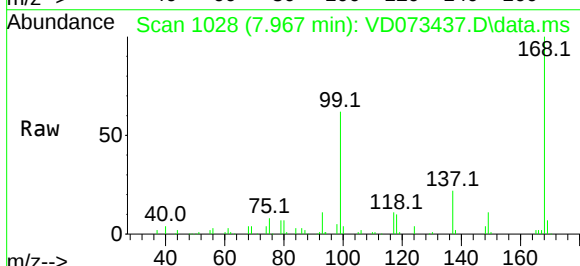
RT: 7.967 min Scan# 1028

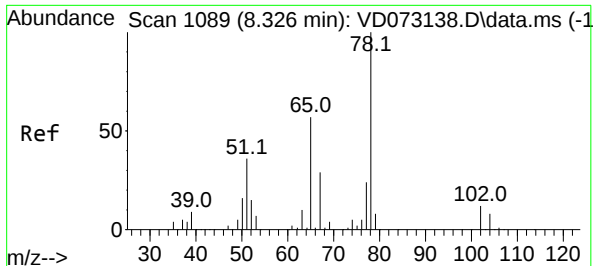
Delta R.T. -0.012 min

Lab File: VD073437.D

Acq: 31 May 2022 21:12

Tgt Ion:	56	Resp:	3051
Ion	Ratio	Lower	Upper
56	100		
69	162.1	25.4	38.2#
84	115.7	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 65.562 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073437.D

Acq: 31 May 2022 21:12

Instrument :

MSVOA_D

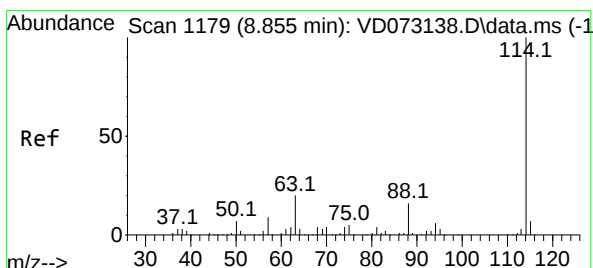
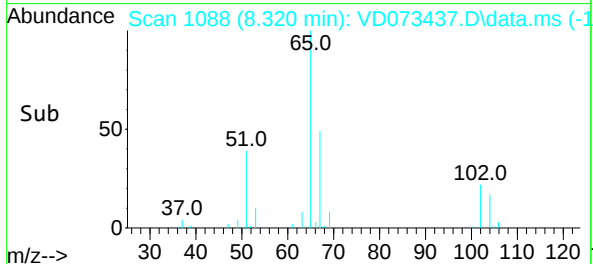
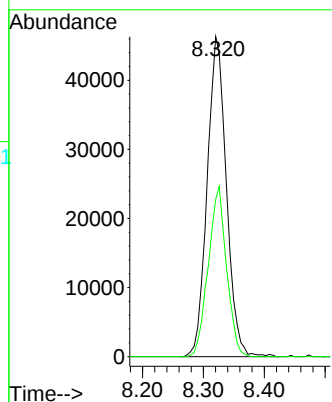
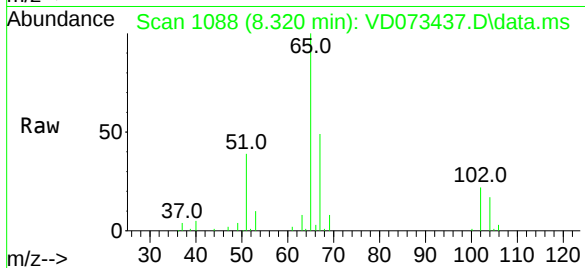
ClientSampleId :

Tgt Ion: 65 Resp: 101633

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073437.D

Acq: 31 May 2022 21:12

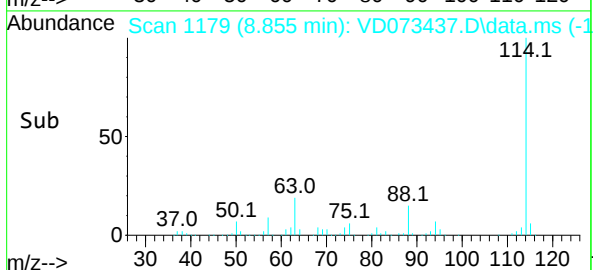
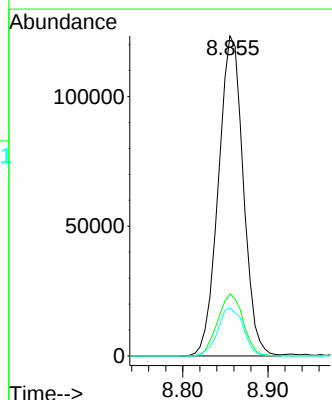
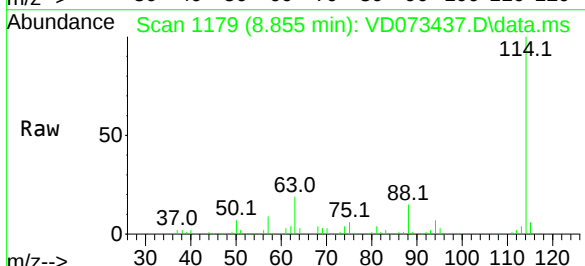
Tgt Ion: 114 Resp: 250397

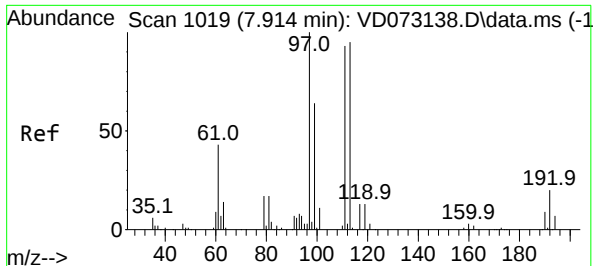
Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 59.004 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

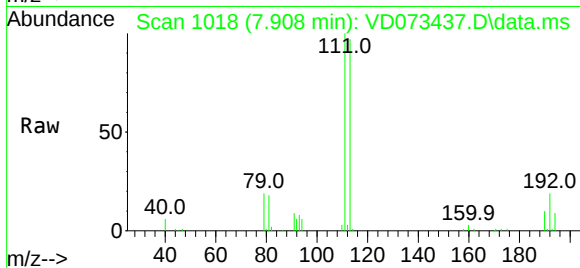
Lab File: VD073437.D

Acq: 31 May 2022 21:12

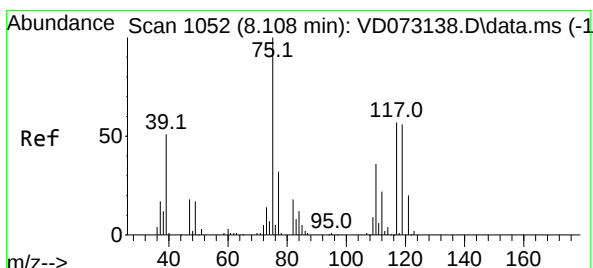
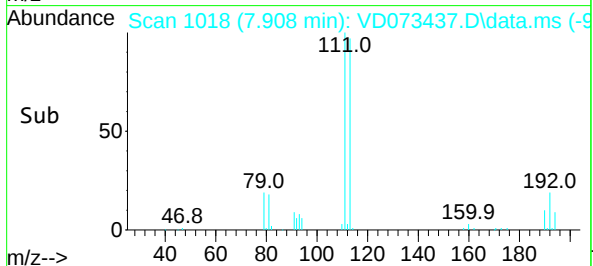
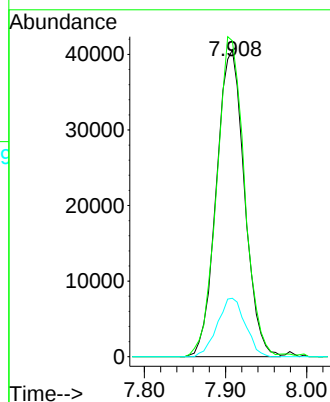
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	97492
Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.8	125.6
192	19.0	14.6	21.8



#36

1,1-Dichloropropene

Concen: 4.735 ug/l

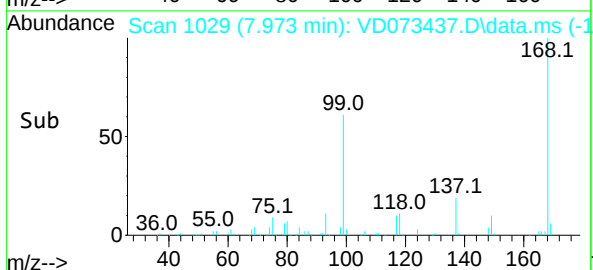
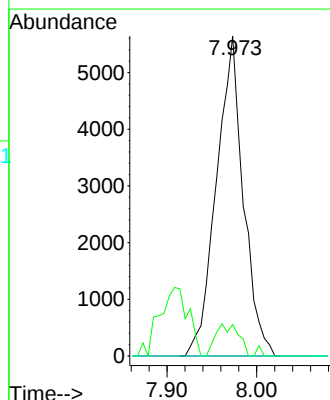
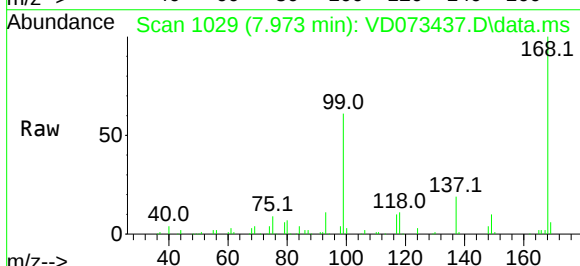
RT: 7.973 min Scan# 1029

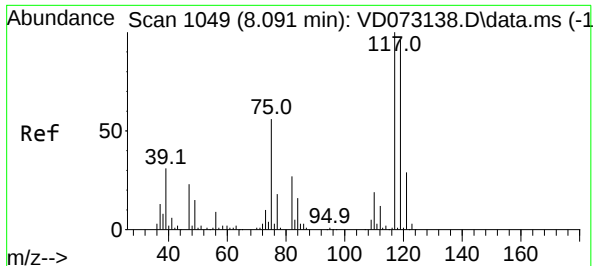
Delta R.T. -0.135 min

Lab File: VD073437.D

Acq: 31 May 2022 21:12

Tgt Ion:	75	Resp:	11767
Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.4	49.1#
77	0.0	24.2	36.2#





#38

Carbon Tetrachloride

Concen: 6.189 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.124 min

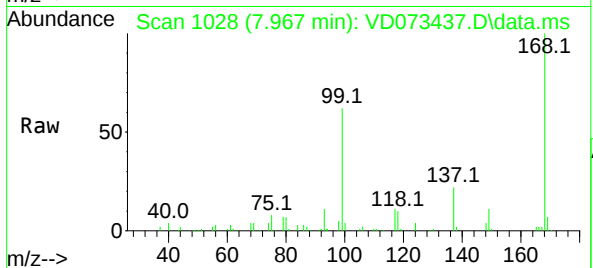
Lab File: VD073437.D

Acq: 31 May 2022 21:12

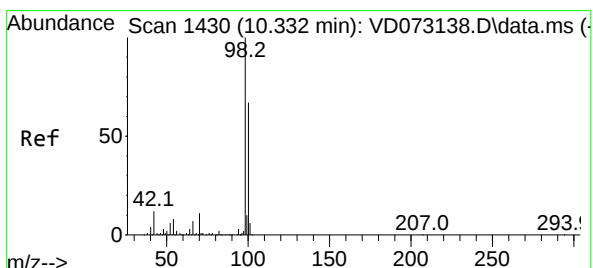
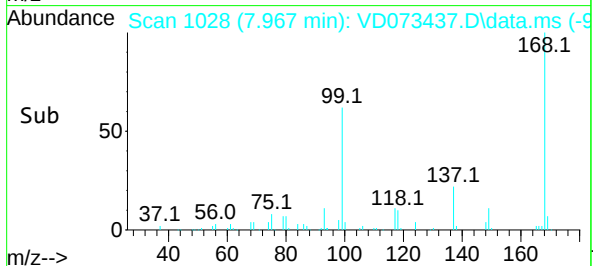
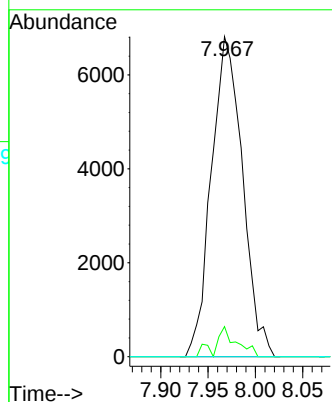
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:117	Resp:	15590
Ion	Ratio	Lower Upper
117	100	
119	9.4	75.8 113.6#
121	0.0	24.5 36.7#



#50

Toluene-d8

Concen: 52.491 ug/l

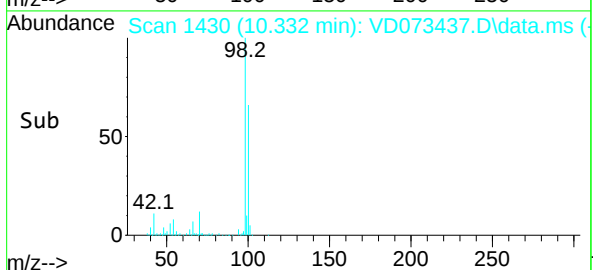
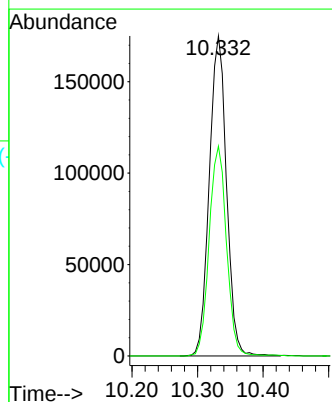
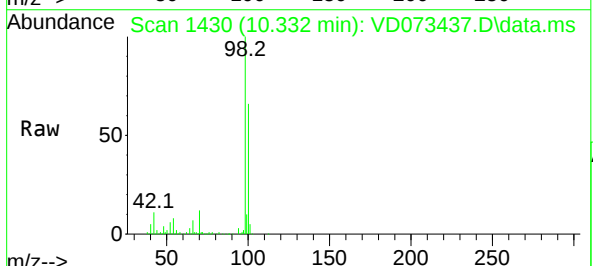
RT: 10.332 min Scan# 1430

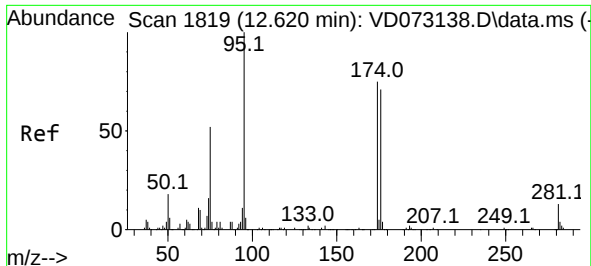
Delta R.T. -0.000 min

Lab File: VD073437.D

Acq: 31 May 2022 21:12

Tgt Ion: 98	Resp:	319706
Ion	Ratio	Lower Upper
98	100	
100	66.0	52.4 78.6

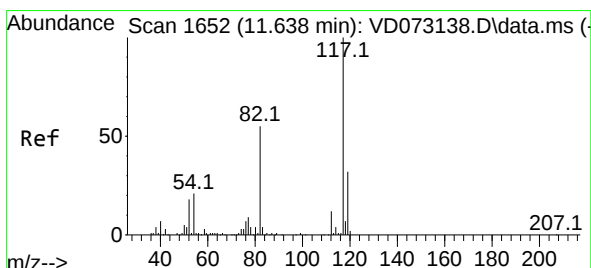
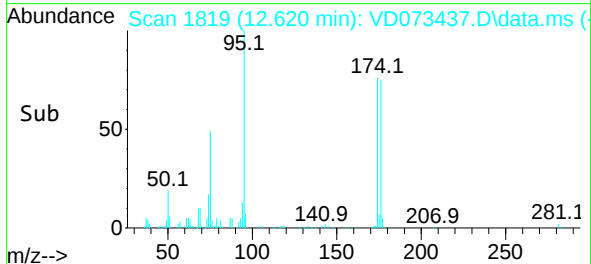
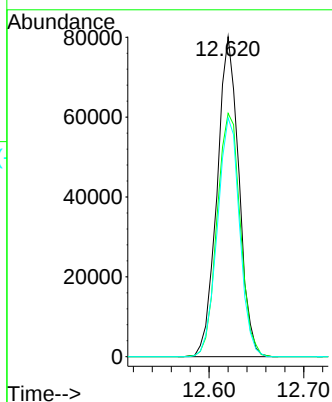
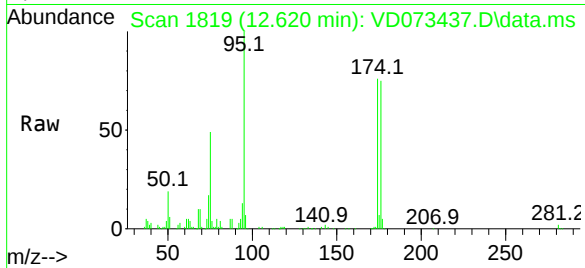




#62
4-Bromofluorobenzene
Concen: 60.057 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

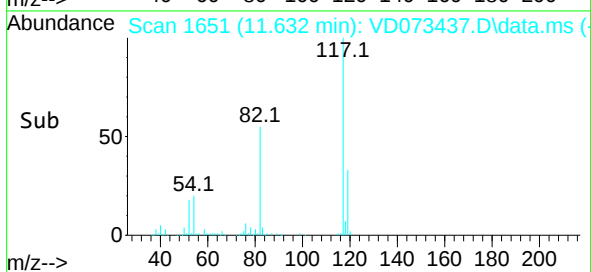
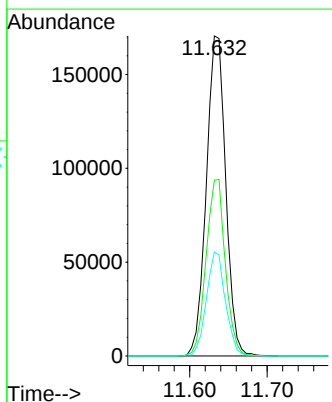
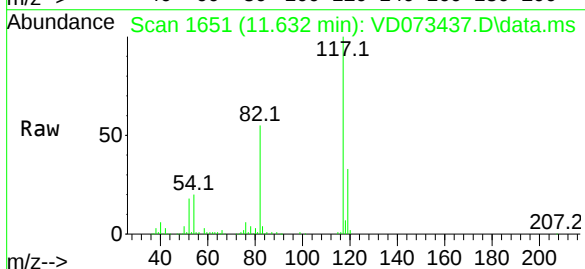
Instrument :
MSVOA_D
ClientSampleId :

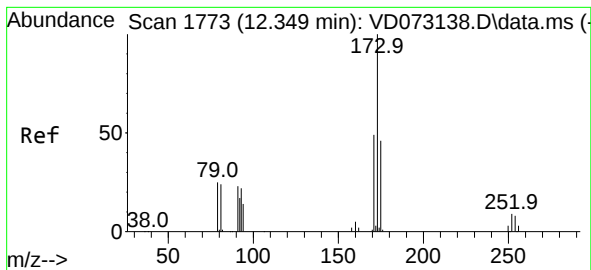
Tgt Ion: 95 Resp: 128372
Ion Ratio Lower Upper
95 100
174 80.7 0.0 152.8
176 75.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

Tgt Ion: 117 Resp: 297065
Ion Ratio Lower Upper
117 100
82 54.9 45.3 67.9
119 32.5 26.6 40.0





#71

Bromoform

Concen: 1.075 ug/l

RT: 12.614 min Scan# 1818

Delta R.T. 0.265 min

Lab File: VD073437.D

Acq: 31 May 2022 21:12

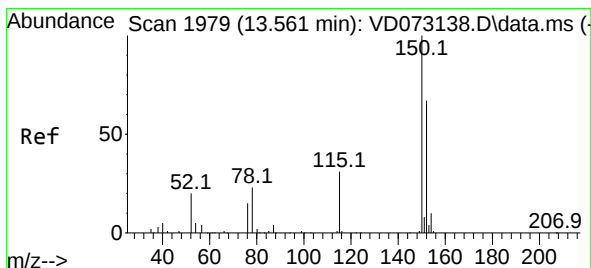
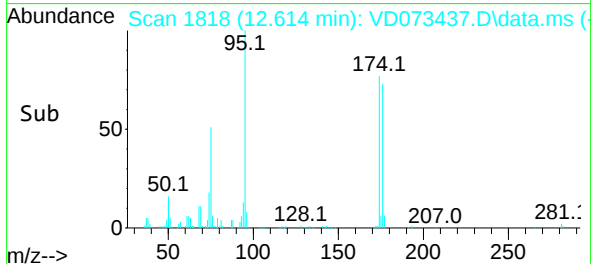
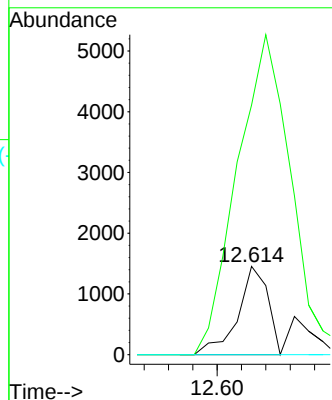
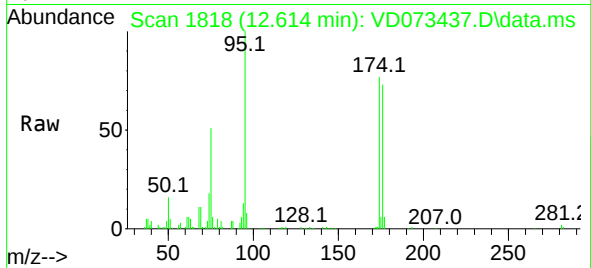
Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173 Resp: 1250

Ion	Ratio	Lower	Upper
173	100		
175	529.4	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

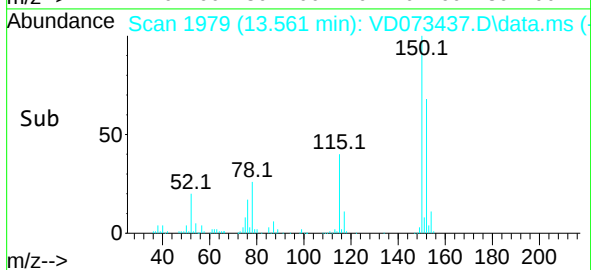
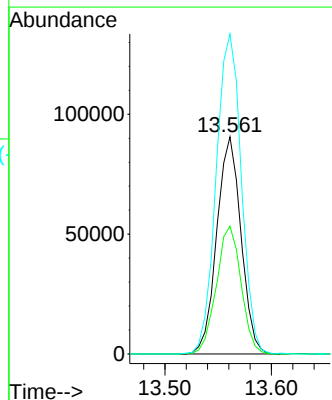
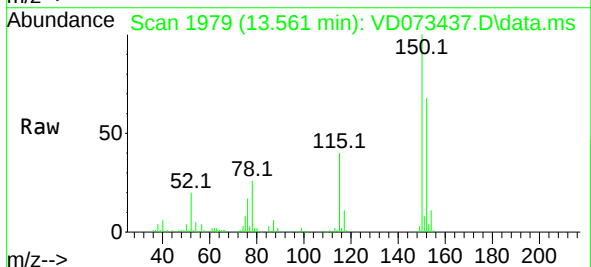
Delta R.T. 0.000 min

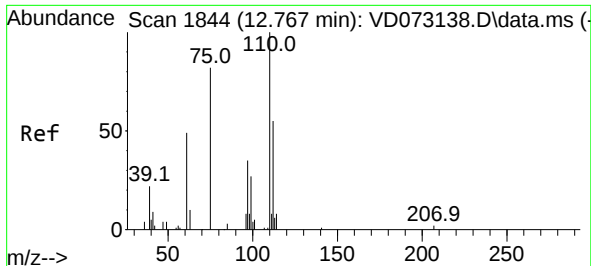
Lab File: VD073437.D

Acq: 31 May 2022 21:12

Tgt Ion:152 Resp: 142965

Ion	Ratio	Lower	Upper
152	100		
115	59.9	31.3	93.8
150	153.1	0.0	348.6

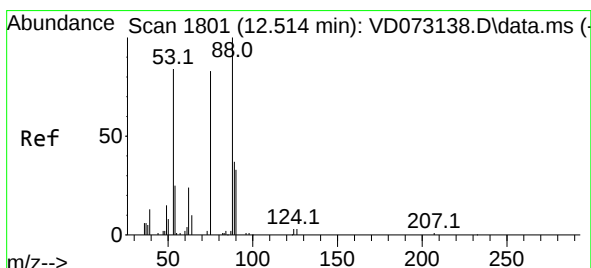
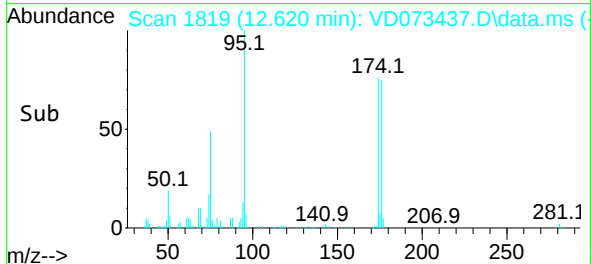
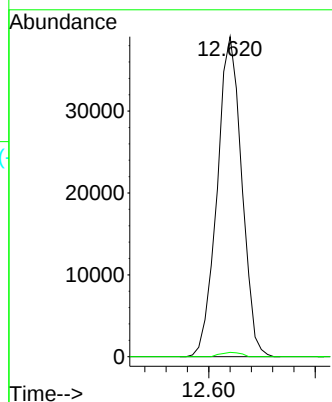
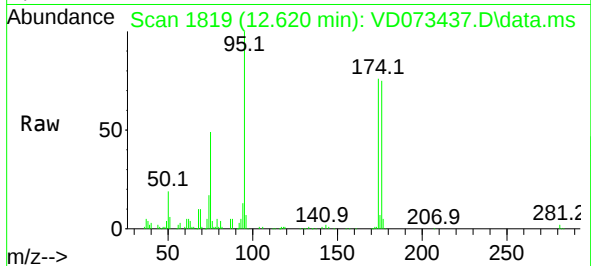




#76
1,2,3-Trichloropropane
Concen: 44.731 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 62746
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.386 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073437.D
Acq: 31 May 2022 21:12

Tgt Ion: 75 Resp: 62746
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

