

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073408.D
 Acq On : 27 May 2022 13:44
 Operator : VA/SY
 Sample : N3032-01RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 28 09:43:37 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)

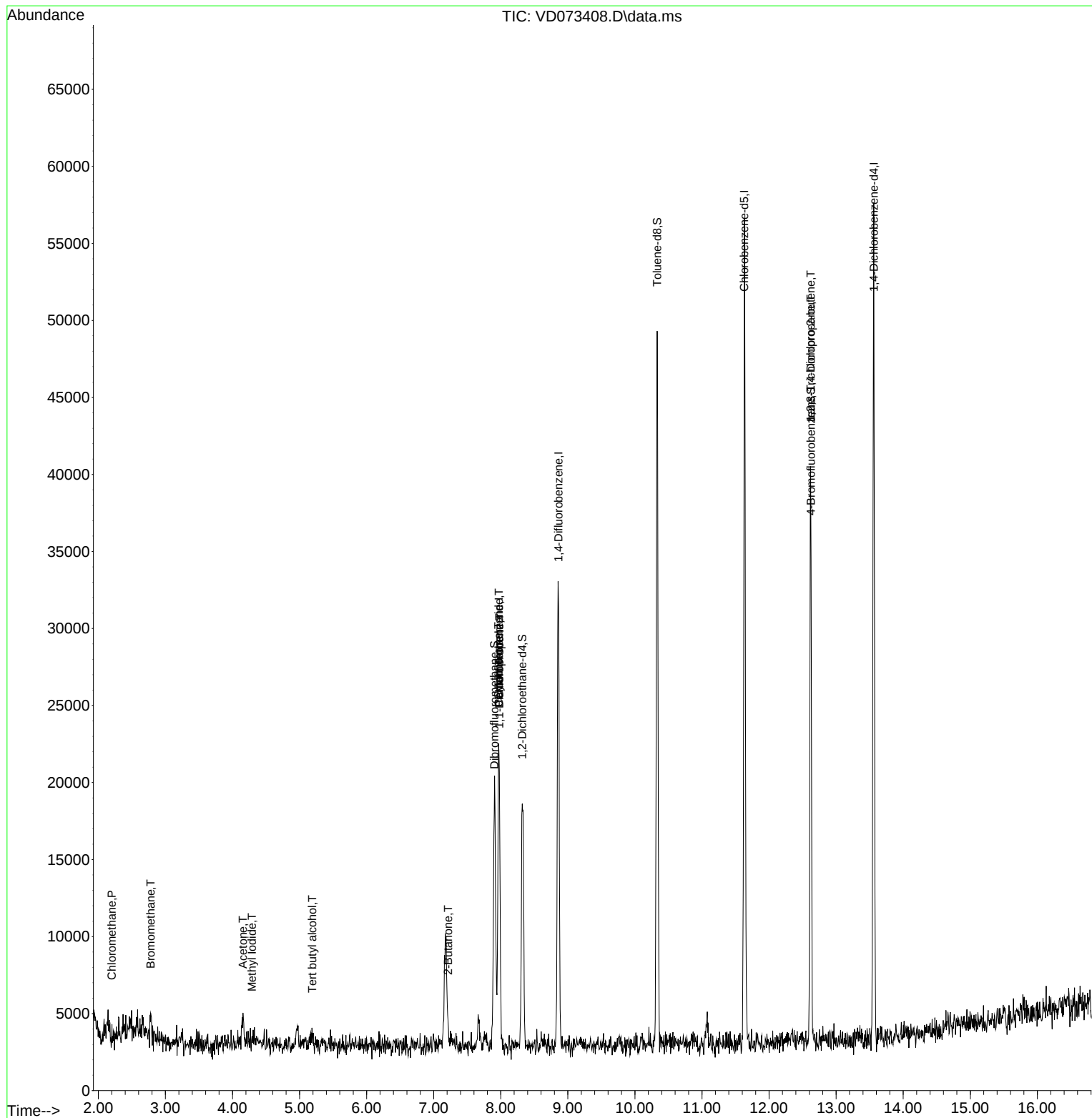
Internal Standards						
1) Pentafluorobenzene	7.973	168	15035	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	25614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	30162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	13471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	13670	82.271	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.540%#	
35) Dibromofluoromethane	7.902	113	12744	75.400	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 150.800%#	
50) Toluene-d8	10.332	98	31740	50.944	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	12.626	95	12427	56.835	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	515	3.032	ug/l	92
5) Bromomethane	2.779	94	640	2.601	ug/l	89
10) Methyl Iodide	4.291	142	270	1.527	ug/l #	38
11) Tert butyl alcohol	5.191	59	354	13.732	ug/l #	74
16) Acetone	4.156	43	3219	111.847	ug/l #	77
20) Methylene Chloride	4.979	84	234	Below Cal	#	32
25) 2-Butanone	7.214	43	68	1.615	ug/l #	52
31) Cyclohexane	7.967	56	569	1.960	ug/l #	24
36) 1,1-Dichloropropene	7.979	75	830	3.265	ug/l #	43
38) Carbon Tetrachloride	7.973	117	1396	5.418	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	6153	46.552	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	6153	111.758	ug/l #	7

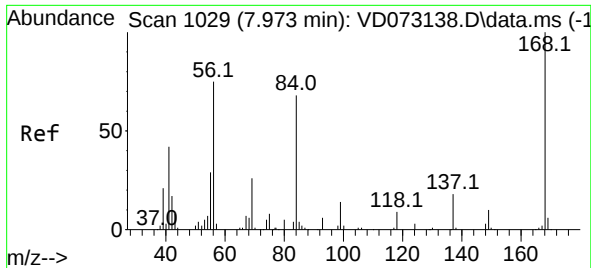
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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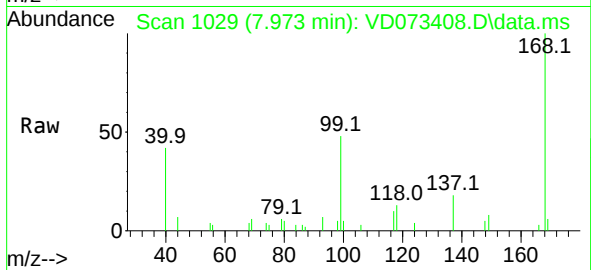
Quant Time: May 28 09:43:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



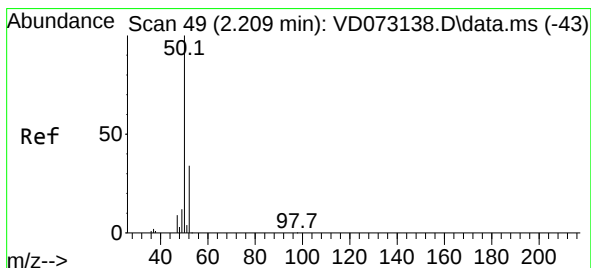
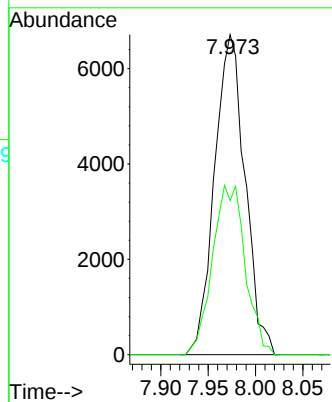
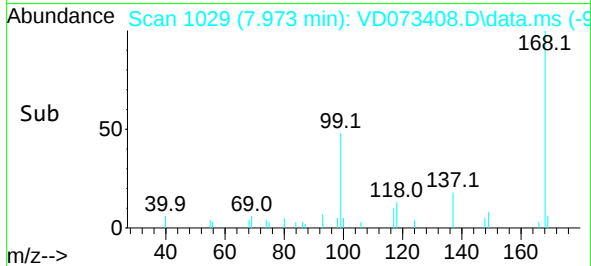


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

Instrument :
MSVOA_D
ClientSampleId :

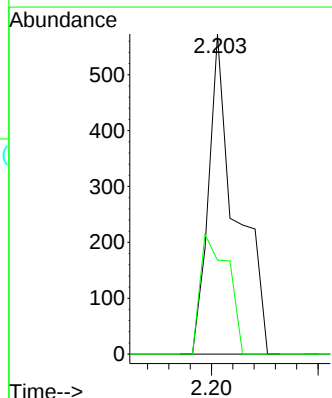
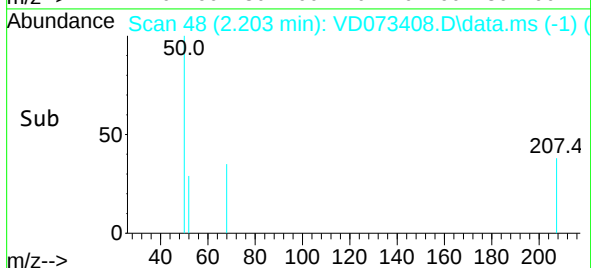
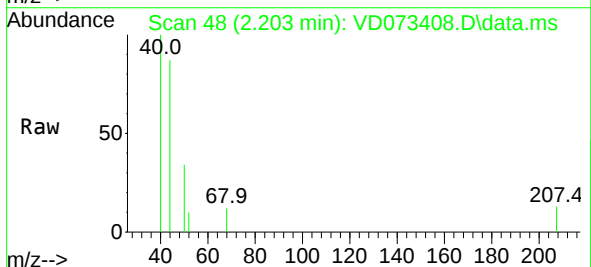


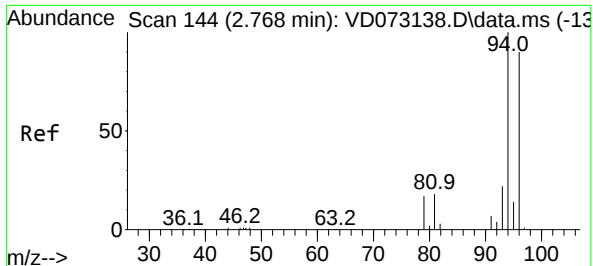
Tgt Ion:168 Resp: 15035
Ion Ratio Lower Upper
168 100
99 48.2 49.8 74.6#



#3
Chloromethane
Concen: 3.032 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

Tgt Ion: 50 Resp: 515
Ion Ratio Lower Upper
50 100
52 29.3 27.4 41.0





#5

Bromomethane

Concen: 2.601 ug/l

RT: 2.779 min Scan# 14

Delta R.T. 0.011 min

Lab File: VD073408.D

Acq: 27 May 2022 13:44

Instrument :

MSVOA_D

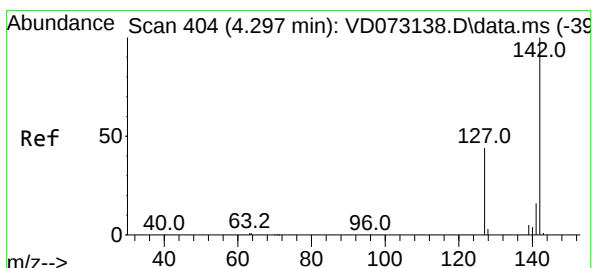
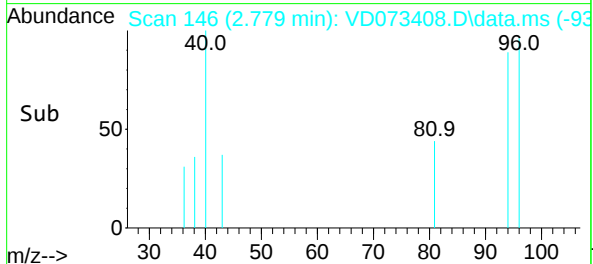
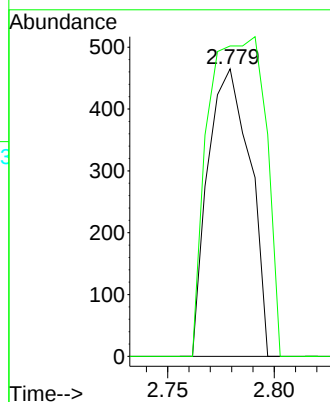
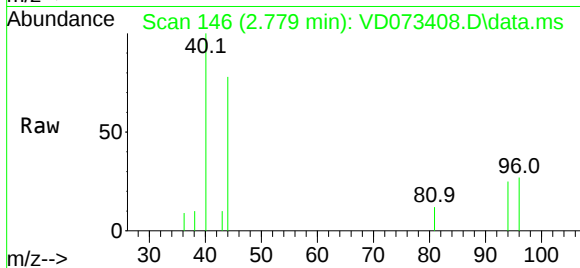
ClientSampleId :

Tgt Ion: 94 Resp: 640

Ion Ratio Lower Upper

94 100

96 108.0 77.6 116.4



#10

Methyl Iodide

Concen: 1.527 ug/l

RT: 4.291 min Scan# 403

Delta R.T. -0.006 min

Lab File: VD073408.D

Acq: 27 May 2022 13:44

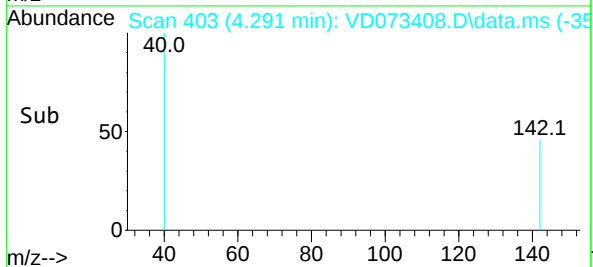
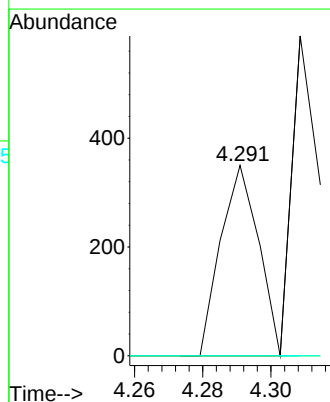
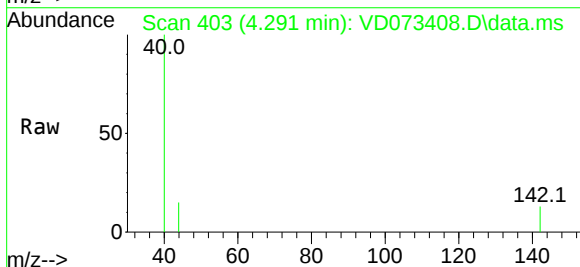
Tgt Ion:142 Resp: 270

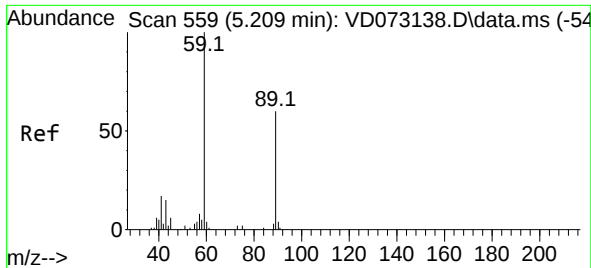
Ion Ratio Lower Upper

142 100

127 0.0 37.3 55.9#

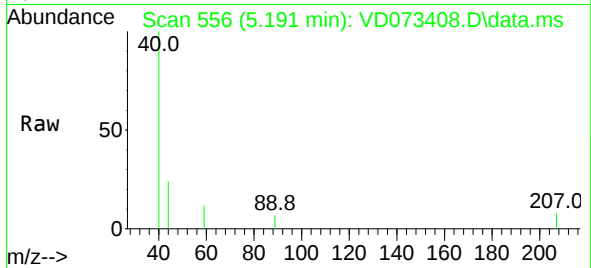
141 0.0 11.7 17.5#



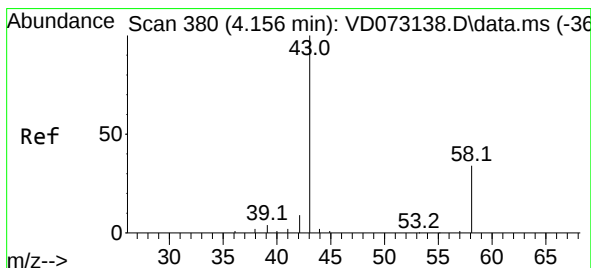
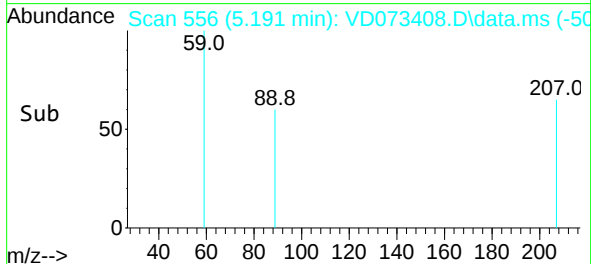
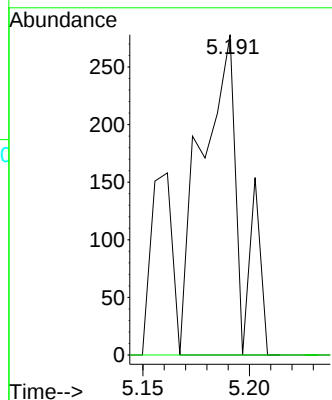


#11
Tert butyl alcohol
Concen: 13.732 ug/l
RT: 5.191 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

Instrument :
MSVOA_D
ClientSampleId :

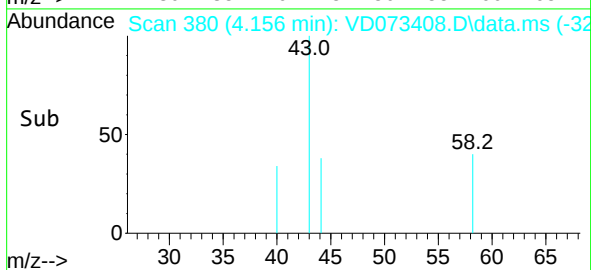
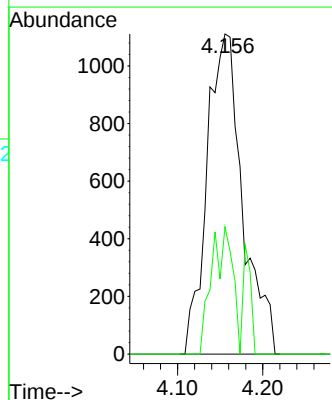
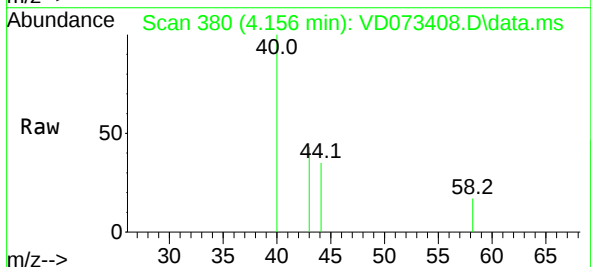


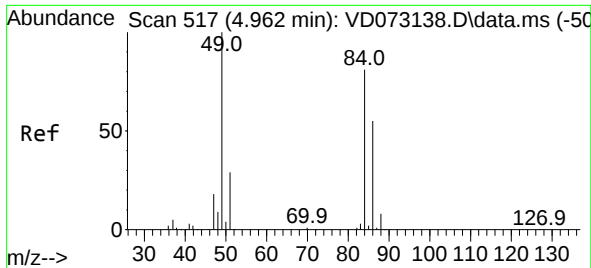
Tgt Ion: 59 Resp: 354
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 111.847 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

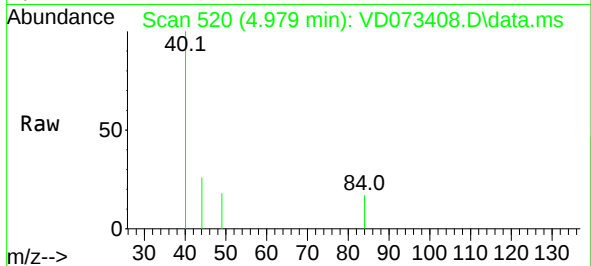
Tgt Ion: 43 Resp: 3219
Ion Ratio Lower Upper
43 100
58 39.7 22.1 33.1#



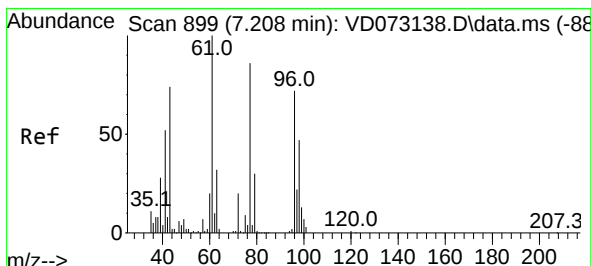
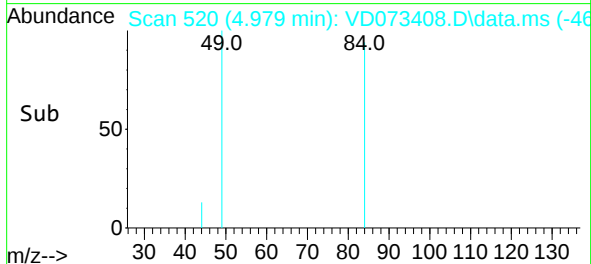
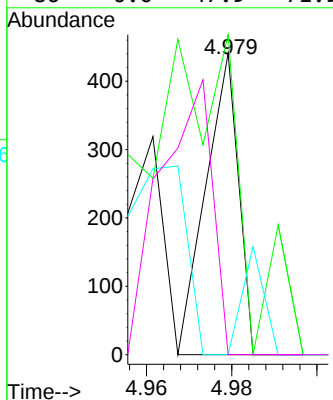


#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 51
Delta R.T. 0.017 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

Instrument :
MSVOA_D
ClientSampleId :

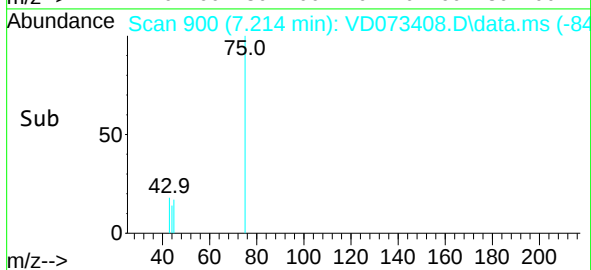
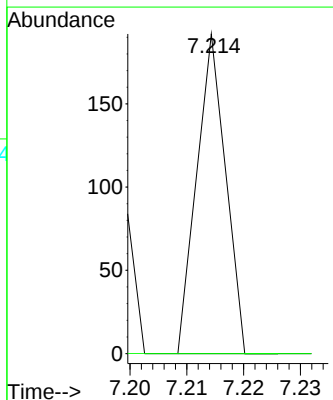
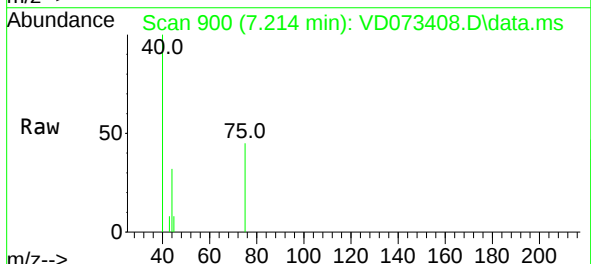


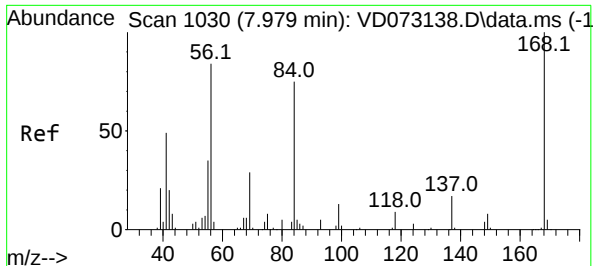
Tgt Ion:	84	Resp:	234
Ion	Ratio	Lower	Upper
84	100		
49	63.0	112.8	169.2#
51	0.0	32.6	48.8#
86	0.0	47.9	71.9#



#25
2-Butanone
Concen: 1.615 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

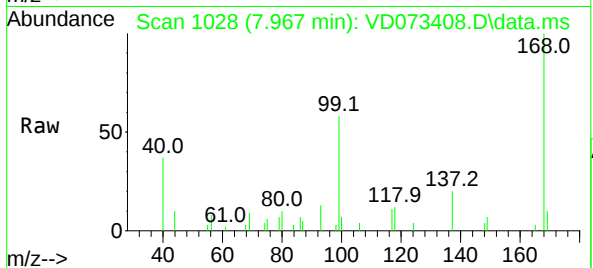
Tgt Ion:	43	Resp:	68
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#



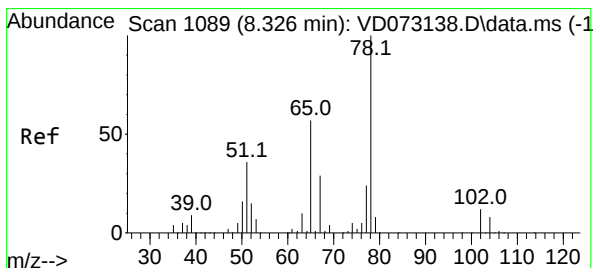
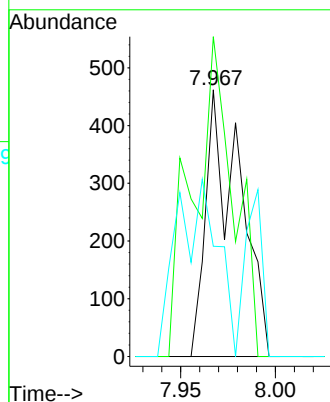
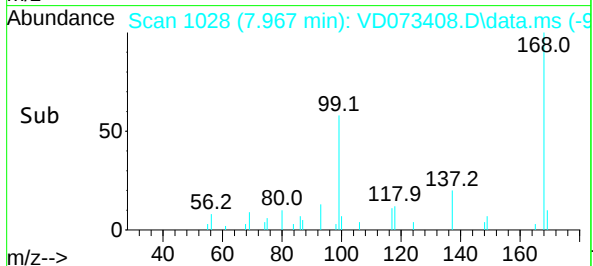


#31
Cyclohexane
Concen: 1.960 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

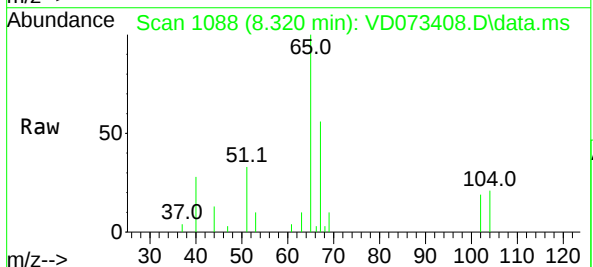
Instrument :
MSVOA_D
ClientSampleId :



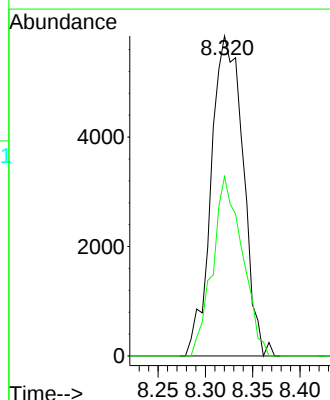
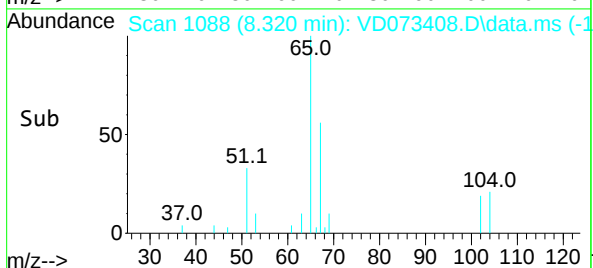
Tgt Ion: 56 Resp: 569
Ion Ratio Lower Upper
56 100
69 119.9 25.4 38.2#
84 41.3 63.0 94.4#

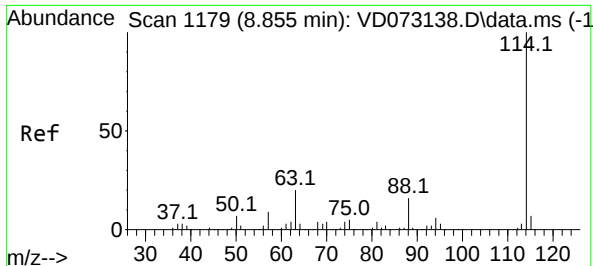


#33
1,2-Dichloroethane-d4
Concen: 82.271 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44



Tgt Ion: 65 Resp: 13670
Ion Ratio Lower Upper
65 100
67 52.5 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: VD073408.D

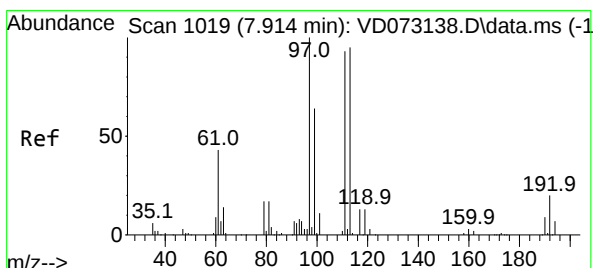
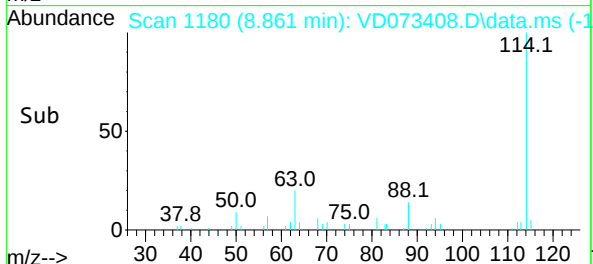
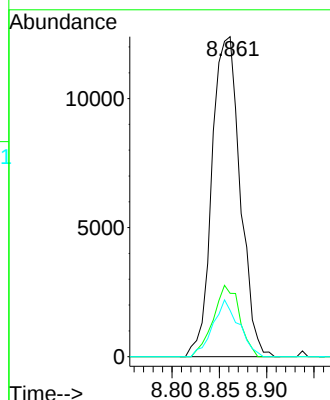
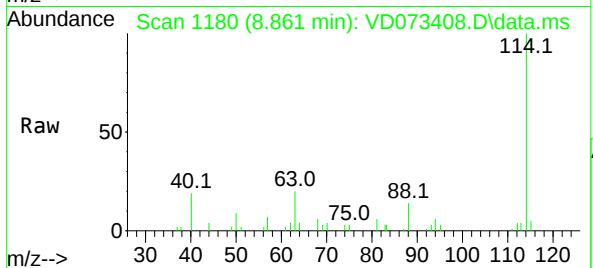
Acq: 27 May 2022 13:44

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	25614
Ion Ratio	Lower	Upper
114	100	
63	19.8	0.0 46.6
88	14.5	0.0 33.2



#35

Dibromofluoromethane

Concen: 75.400 ug/l

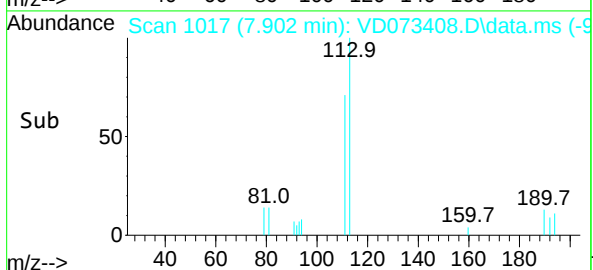
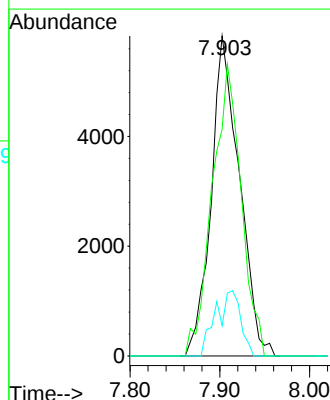
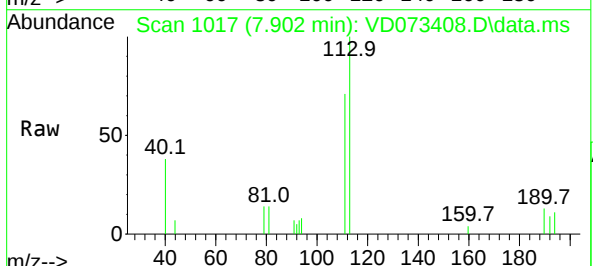
RT: 7.902 min Scan# 1017

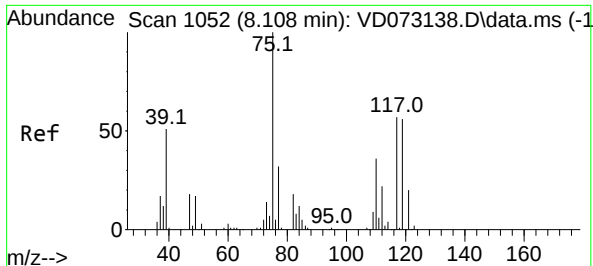
Delta R.T. -0.011 min

Lab File: VD073408.D

Acq: 27 May 2022 13:44

Tgt Ion:113	Resp:	12744
Ion Ratio	Lower	Upper
113	100	
111	93.4	83.8 125.6
192	18.0	14.6 21.8





#36

1,1-Dichloropropene

Concen: 3.265 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD073408.D

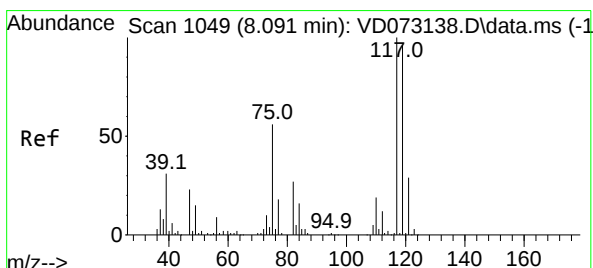
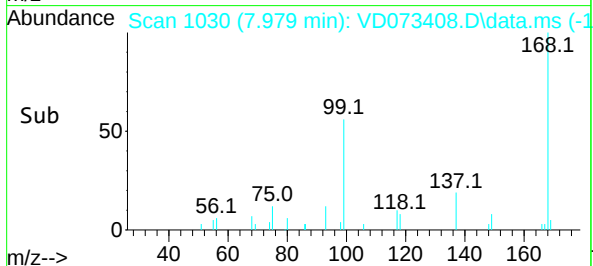
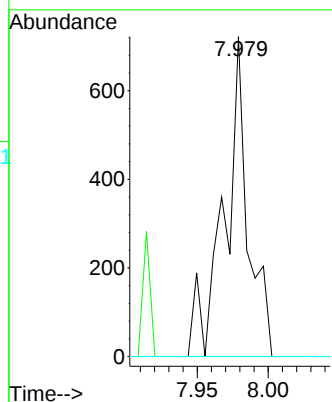
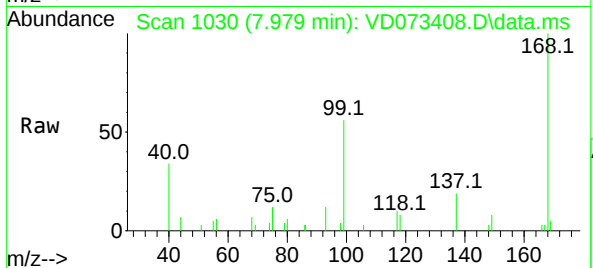
Acq: 27 May 2022 13:44

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp: 830
Ion Ratio	Lower Upper
75	100
110	0.0 16.4 49.1#
77	0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.418 ug/l

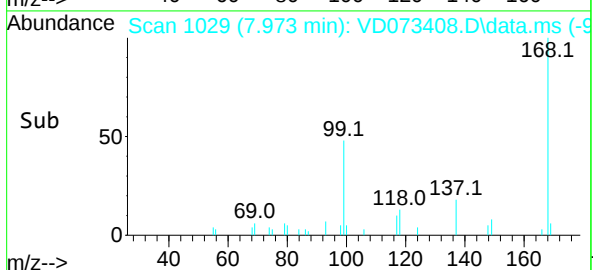
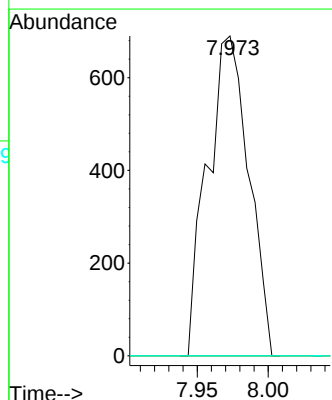
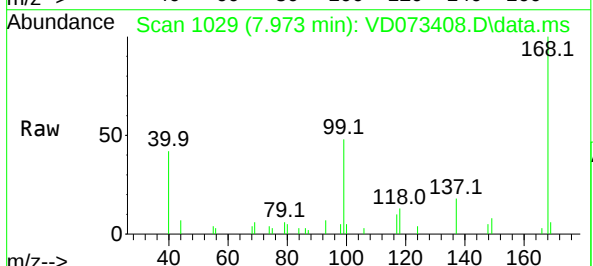
RT: 7.973 min Scan# 1029

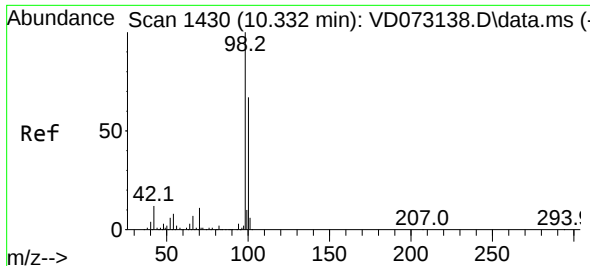
Delta R.T. -0.118 min

Lab File: VD073408.D

Acq: 27 May 2022 13:44

Tgt Ion: 117	Resp: 1396
Ion Ratio	Lower Upper
117	100
119	0.0 75.8 113.6#
121	0.0 24.5 36.7#

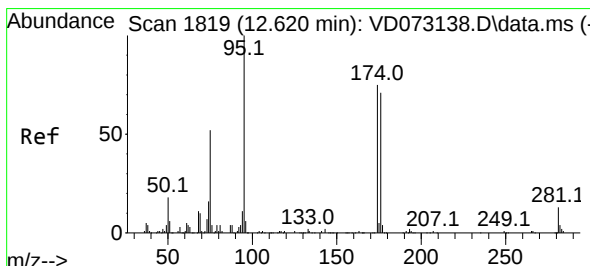
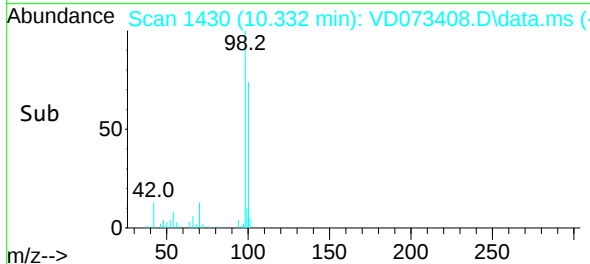
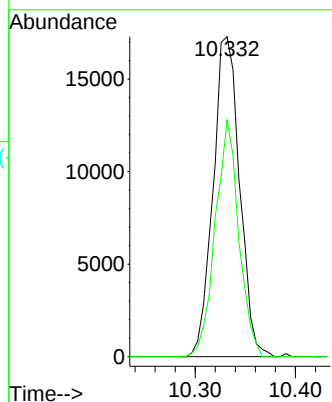
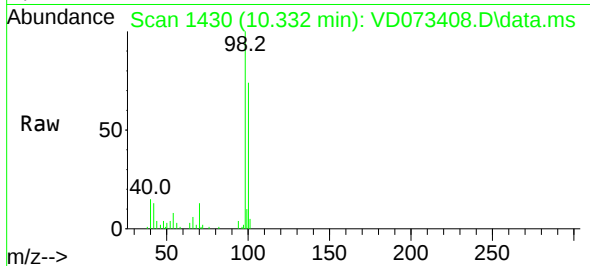




#50
Toluene-d8
Concen: 50.944 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

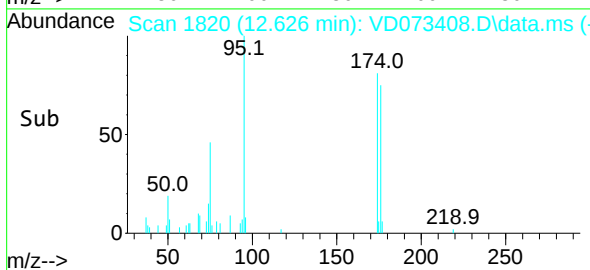
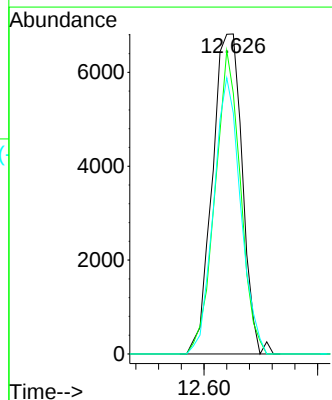
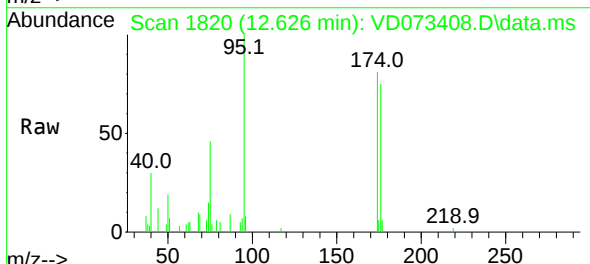
Instrument :
MSVOA_D
ClientSampleId :

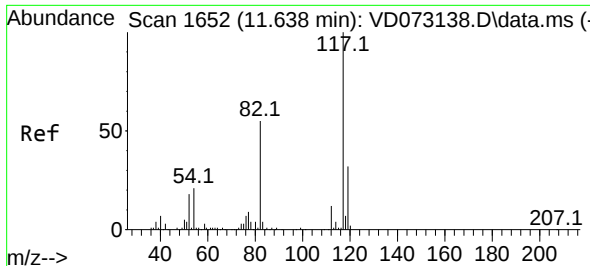
Tgt Ion: 98 Resp: 31740
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 56.835 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

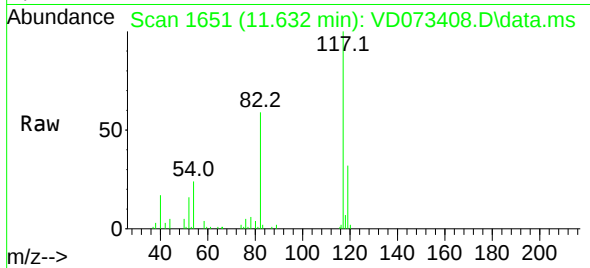
Tgt Ion: 95 Resp: 12427
Ion Ratio Lower Upper
95 100
174 80.8 0.0 152.8
176 77.9 0.0 145.4



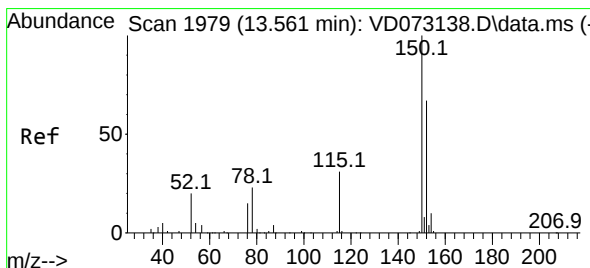
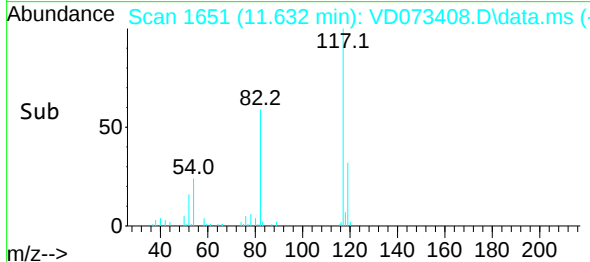
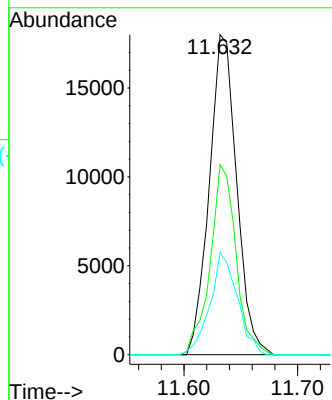


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

Instrument :
MSVOA_D
ClientSampleId :

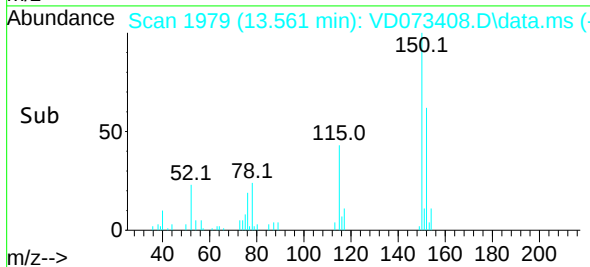
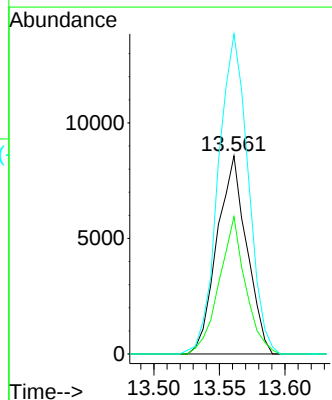
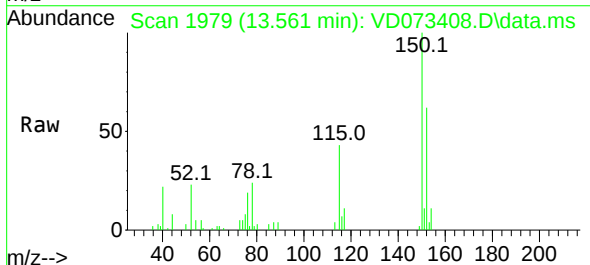


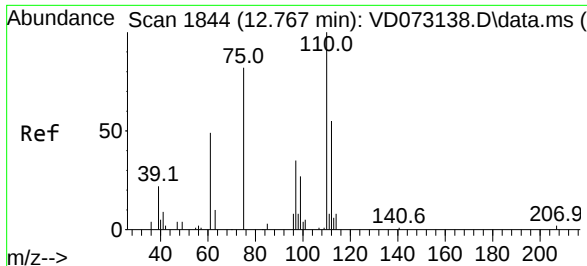
Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.3	45.3	67.9
119	32.0	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.3	93.8
150	162.8	0.0	348.6

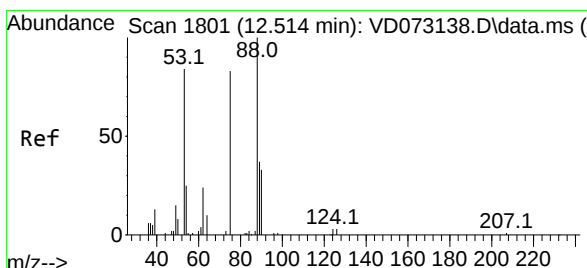
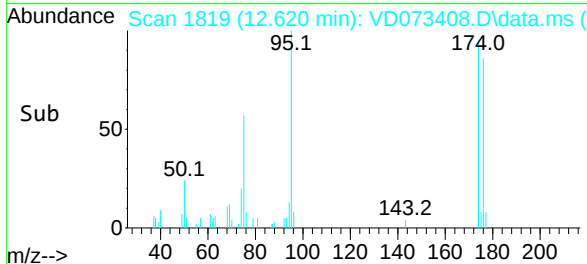
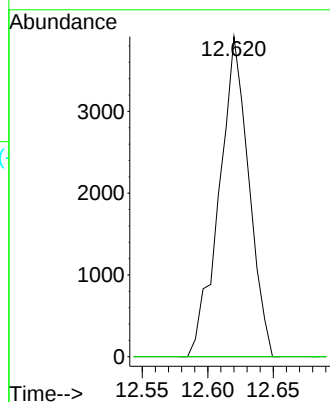
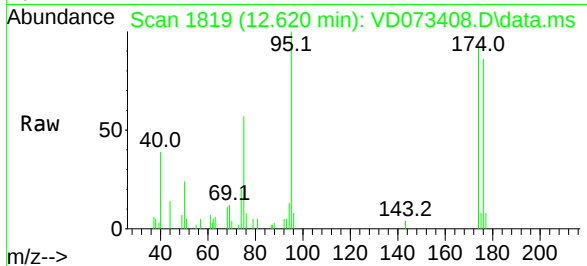




#76
1,2,3-Trichloropropane
Concen: 46.552 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 6153
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 111.758 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

Tgt Ion: 75 Resp: 6153
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

