

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
 Data File : VD073590.D
 Acq On : 15 Jun 2022 14:36
 Operator : VA/SY
 Sample : N3293-04RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 06:03:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

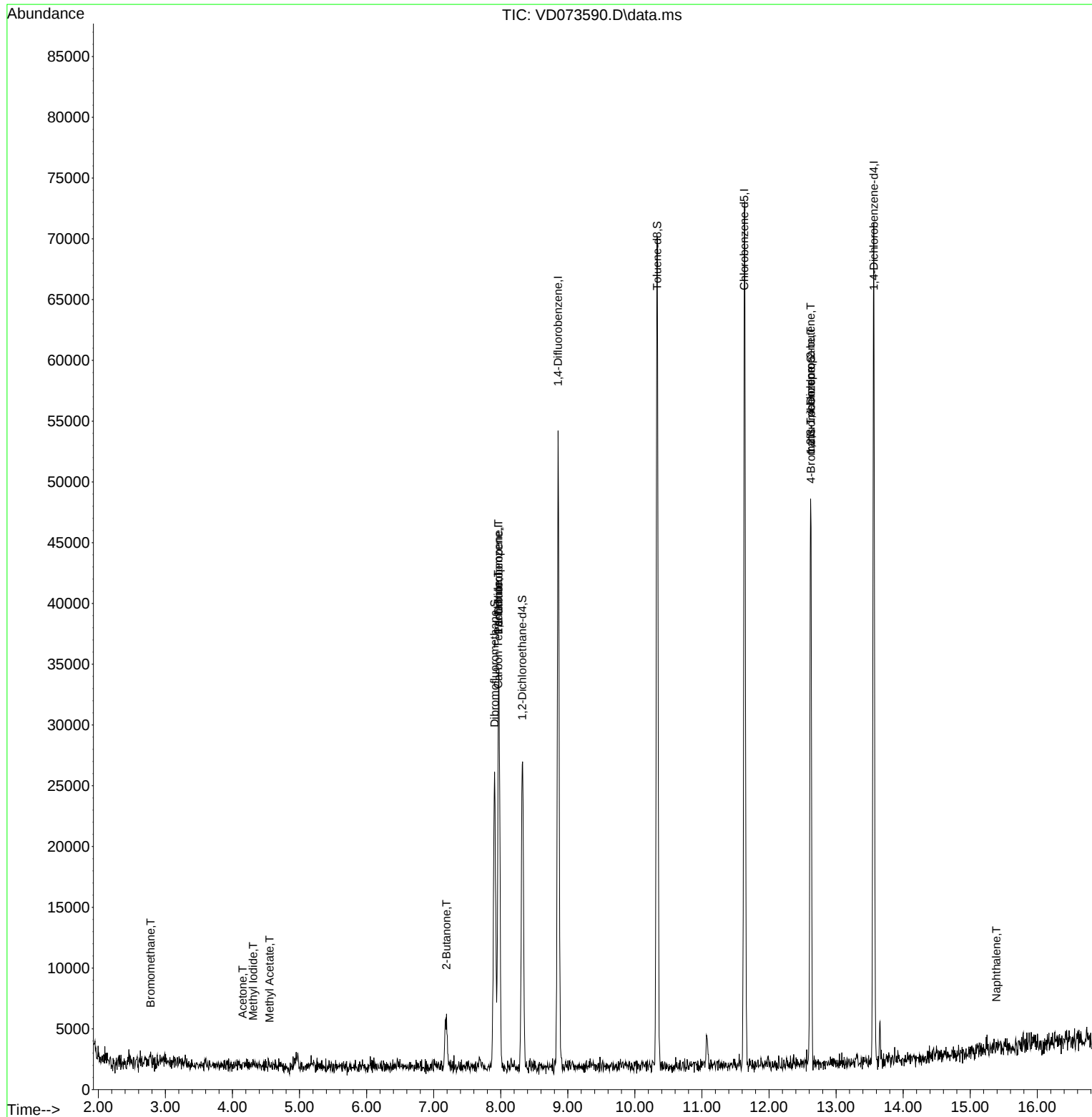
Internal Standards						
1) Pentafluorobenzene	7.967	168	23841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	41397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	42350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	19490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	21212	82.909	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 165.820%#			
35) Dibromofluoromethane	7.909	113	17670	66.379	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 132.760%			
50) Toluene-d8	10.332	98	48459	48.148	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.300%			
62) 4-Bromofluorobenzene	12.626	95	16312	44.645	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.280%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	494	3.152	ug/l #	49
10) Methyl Iodide	4.309	142	68	4.385	ug/l #	22
11) Tert butyl alcohol	5.173	59	131	Below Cal	#	74
16) Acetone	4.150	43	528	11.721	ug/l #	47
18) Methyl Acetate	4.556	43	67	1.882	ug/l #	55
20) Methylene Chloride	4.950	84	440	Below Cal	#	22
25) 2-Butanone	7.191	43	73	1.101	ug/l #	52
36) 1,1-Dichloropropene	7.967	75	2202	5.508	ug/l #	48
38) Carbon Tetrachloride	7.962	117	1067	2.551	ug/l #	24
76) 1,2,3-Trichloropropane	12.620	75	8806	46.509	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	8806	109.165	ug/l #	7
95) Naphthalene	15.391	128	149	4.398	ug/l #	70

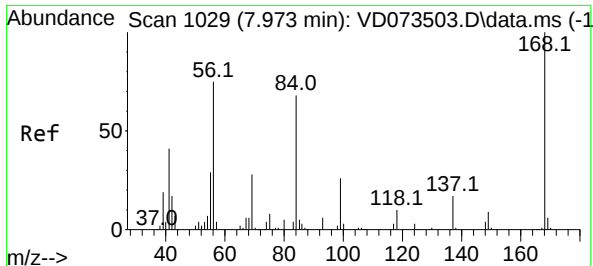
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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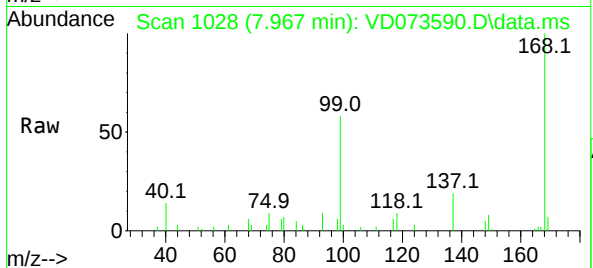
Quant Time: Jun 16 06:03:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration



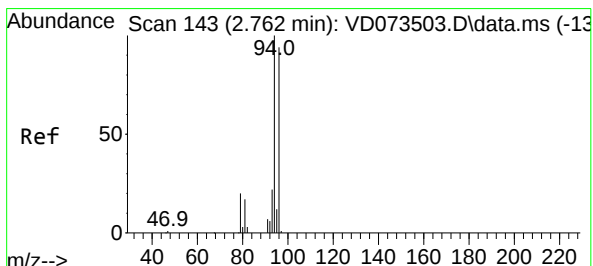
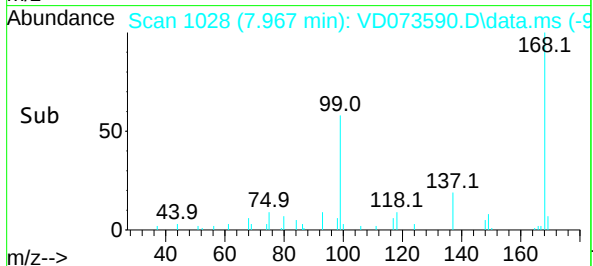
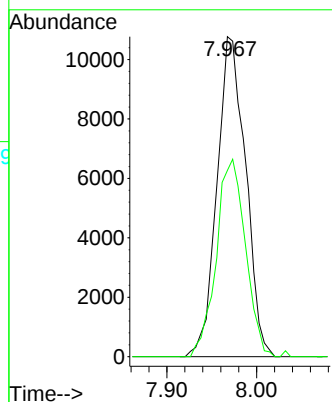


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

Instrument :
MSVOA_D
ClientSampleId :

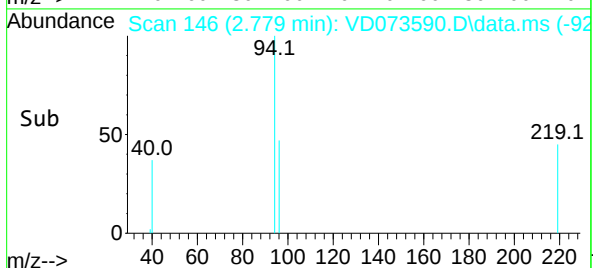
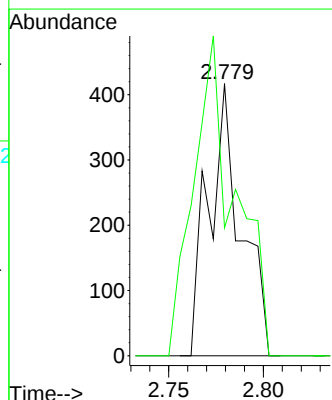
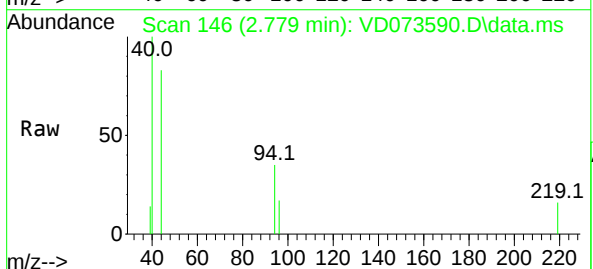


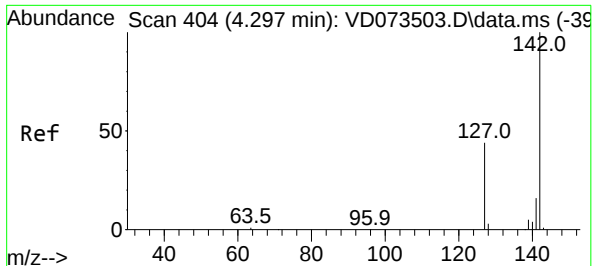
Tgt Ion:168 Resp: 23841
Ion Ratio Lower Upper
168 100
99 58.2 49.8 74.6



#5
Bromomethane
Concen: 3.152 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

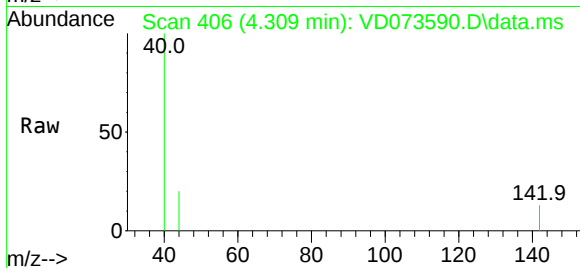
Tgt Ion: 94 Resp: 494
Ion Ratio Lower Upper
94 100
96 47.0 77.6 116.4#



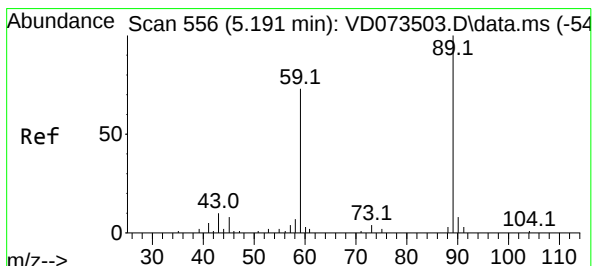
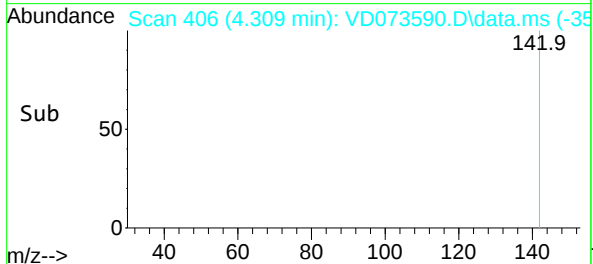
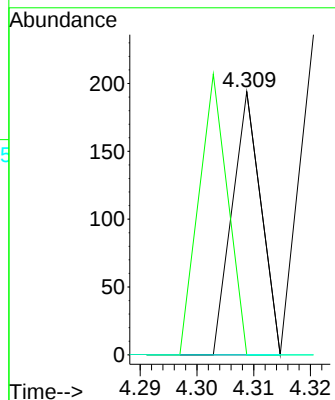


#10
Methyl Iodide
Concen: 4.385 ug/l
RT: 4.309 min Scan# 40
Delta R.T. 0.012 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

Instrument :
MSVOA_D
ClientSampleId :

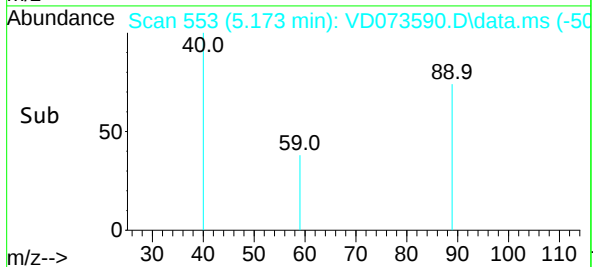
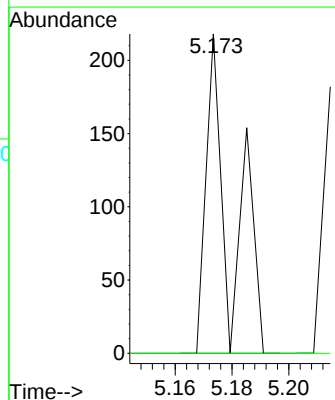
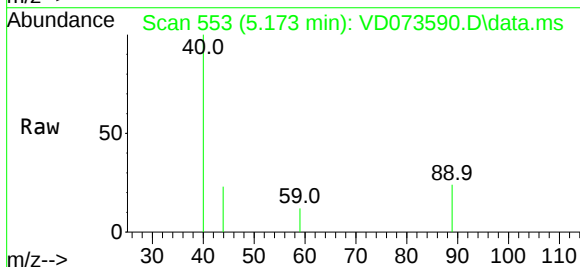


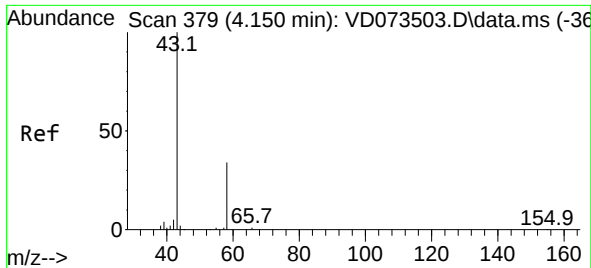
Tgt Ion:142 Resp: 68
Ion Ratio Lower Upper
142 100
127 107.4 37.3 55.9#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 553
Delta R.T. -0.018 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

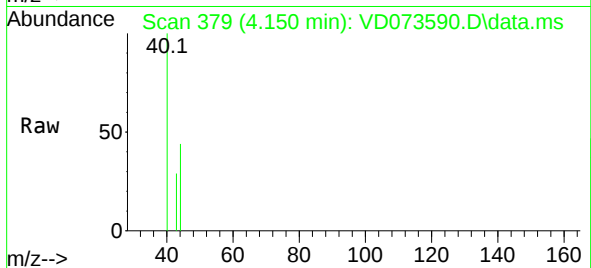
Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



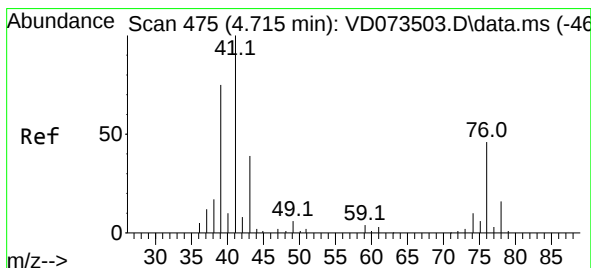
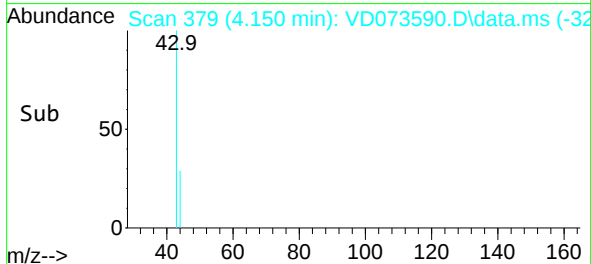
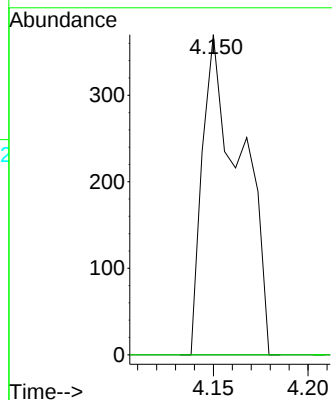


#16
Acetone
Concen: 11.721 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

Instrument :
MSVOA_D
ClientSampleId :

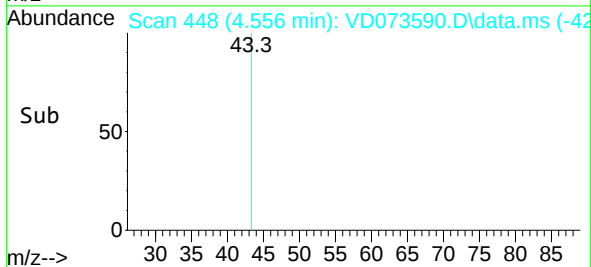
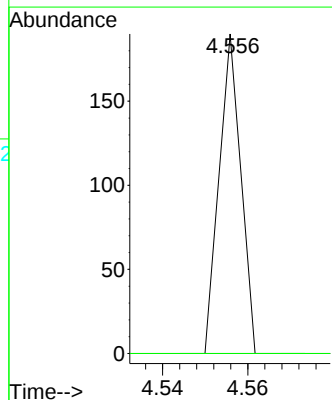
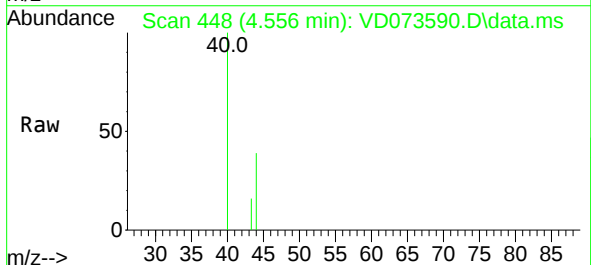


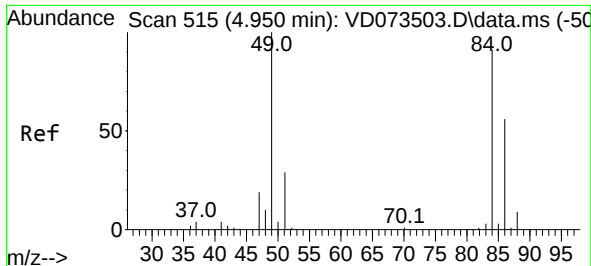
Tgt Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#18
Methyl Acetate
Concen: 1.882 ug/l
RT: 4.556 min Scan# 448
Delta R.T. -0.159 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

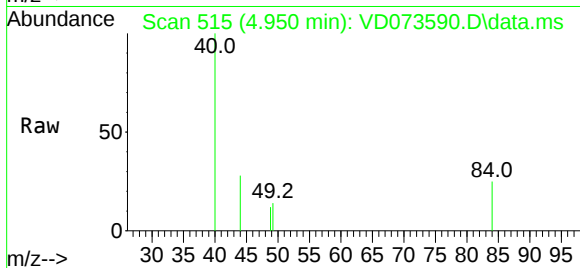
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



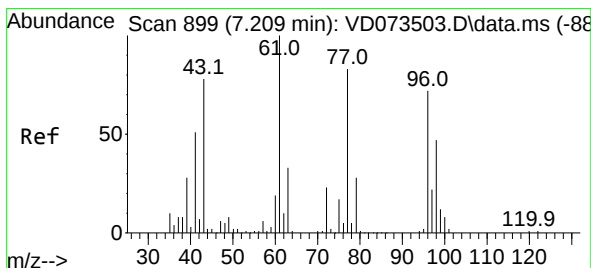
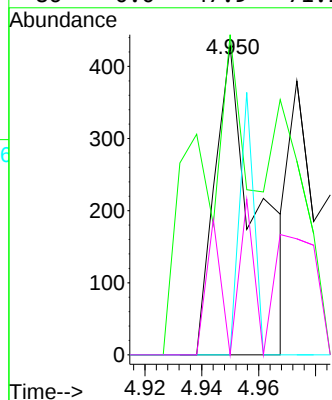


#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

Instrument :
MSVOA_D
ClientSampleId :

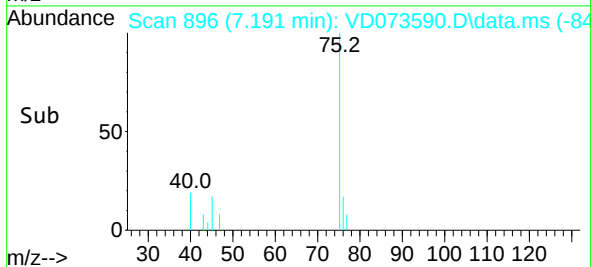
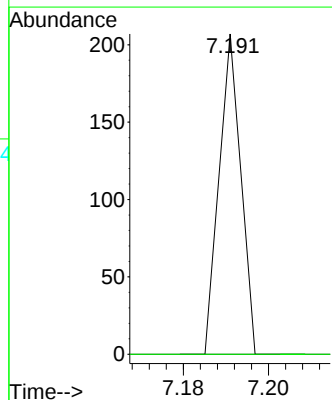
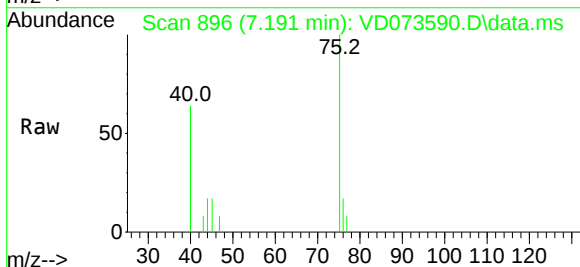


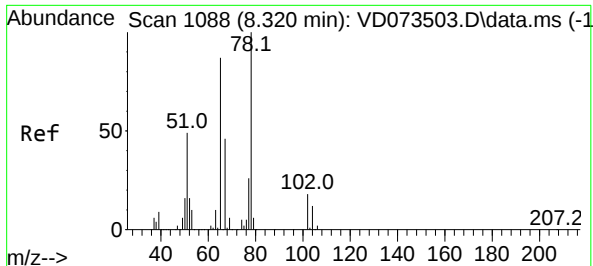
Tgt Ion: 84	Resp: 440
Ion Ratio	Lower Upper
84 100	
49 41.5	112.8 169.2#
51 0.0	32.6 48.8#
86 0.0	47.9 71.9#



#25
2-Butanone
Concen: 1.101 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.018 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

Tgt Ion: 43	Resp: 73
Ion Ratio	Lower Upper
43 100	
72 0.0	18.6 27.8#





#33

1,2-Dichloroethane-d4

Concen: 82.909 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073590.D

Acq: 15 Jun 2022 14:36

Instrument :

MSVOA_D

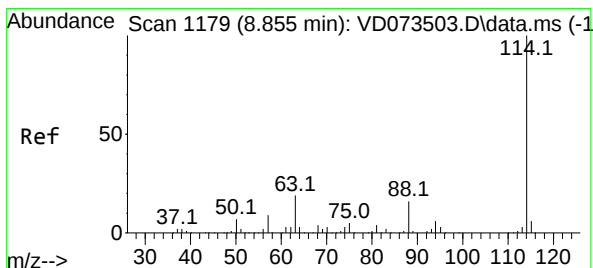
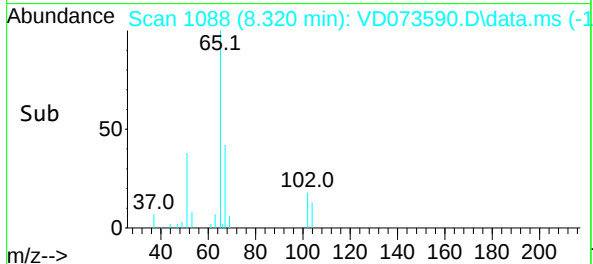
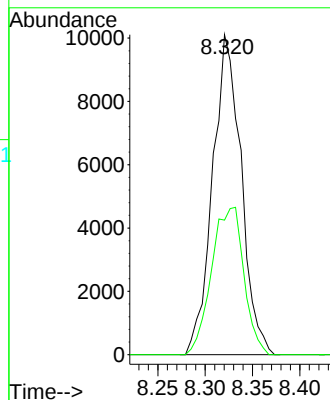
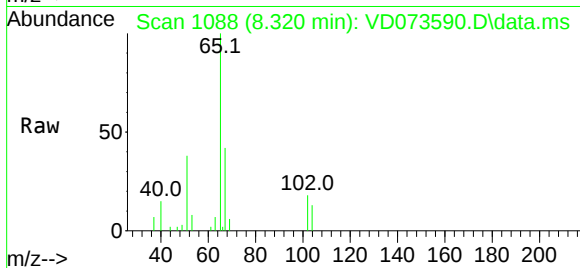
ClientSampleId :

Tgt Ion: 65 Resp: 21212

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073590.D

Acq: 15 Jun 2022 14:36

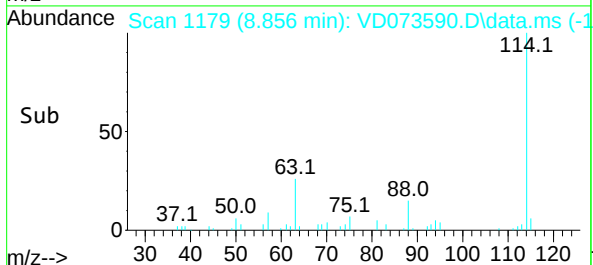
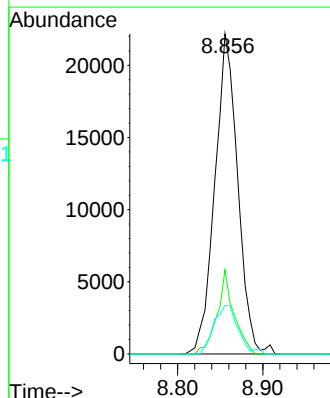
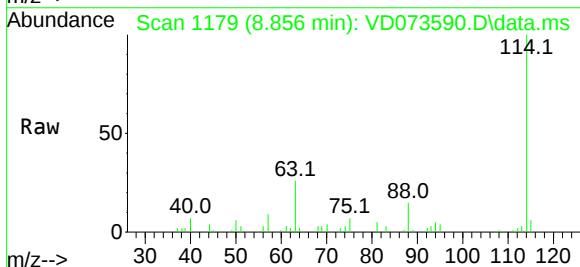
Tgt Ion: 114 Resp: 41397

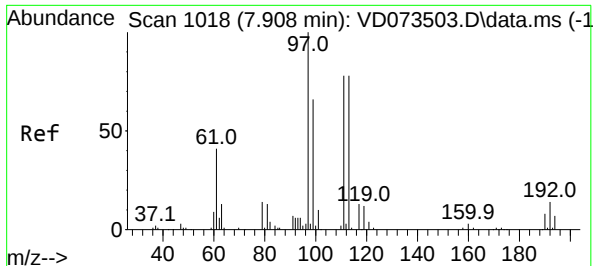
Ion Ratio Lower Upper

114 100

63 26.3 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 66.379 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

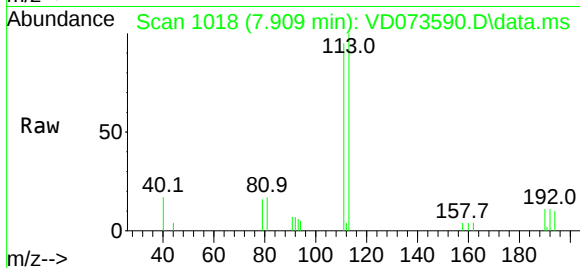
Lab File: VD073590.D

Acq: 15 Jun 2022 14:36

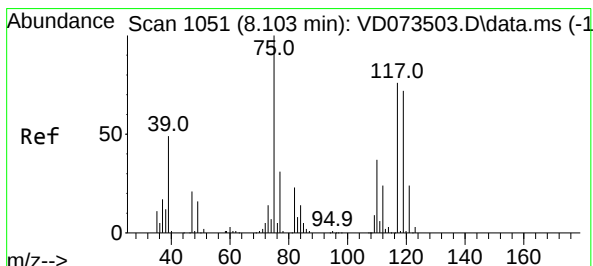
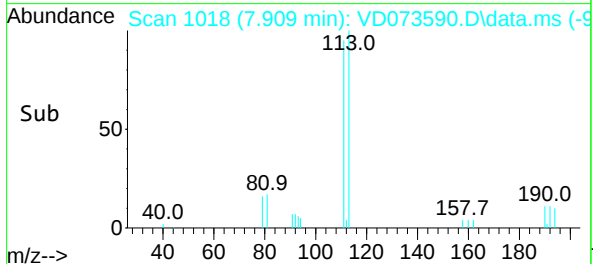
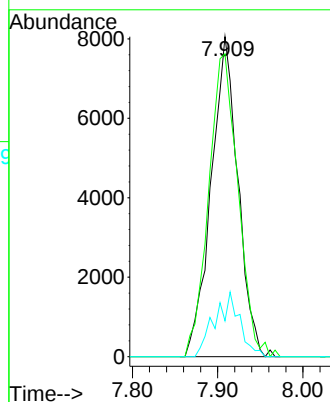
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	17670
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.8	125.6
192	18.7	14.6	21.8



#36

1,1-Dichloropropene

Concen: 5.508 ug/l

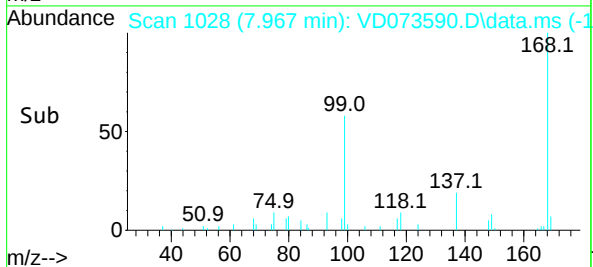
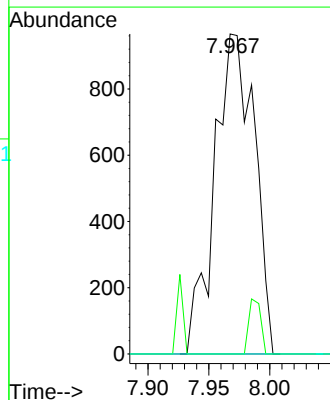
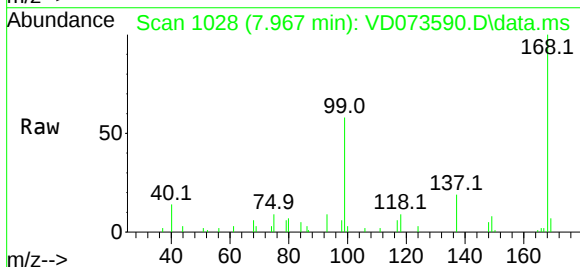
RT: 7.967 min Scan# 1028

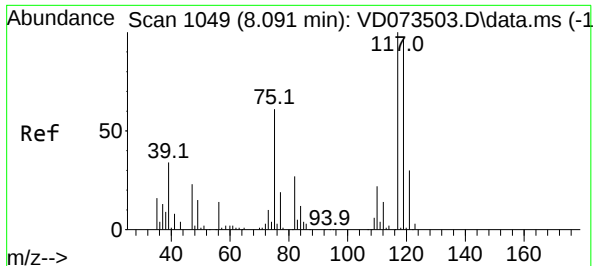
Delta R.T. -0.136 min

Lab File: VD073590.D

Acq: 15 Jun 2022 14:36

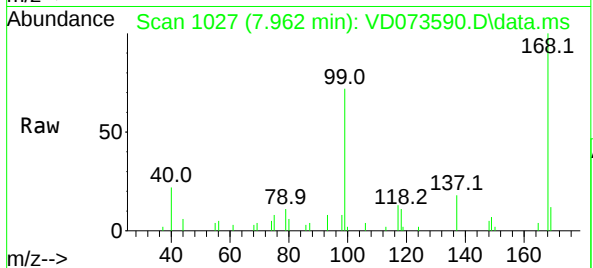
Tgt Ion:	75	Resp:	2202
Ion	Ratio	Lower	Upper
75	100		
110	5.1	16.4	49.1#
77	0.0	24.2	36.2#



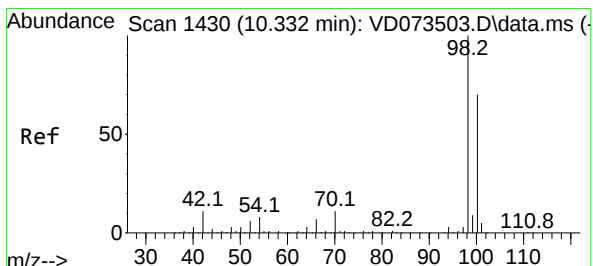
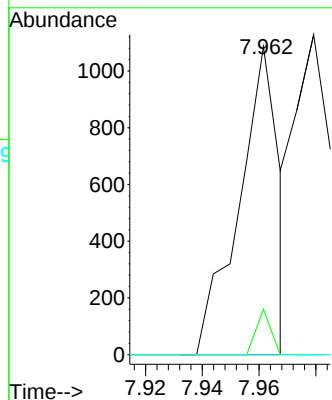
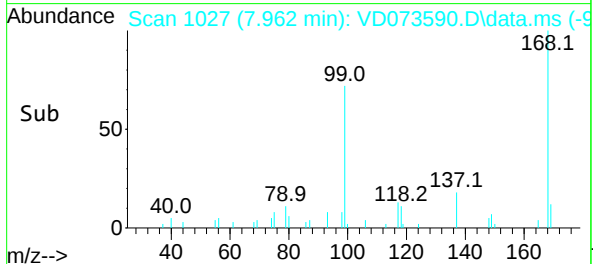


#38
Carbon Tetrachloride
Concen: 2.551 ug/l
RT: 7.962 min Scan# 1049
Delta R.T. -0.129 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

Instrument :
MSVOA_D
ClientSampleId :

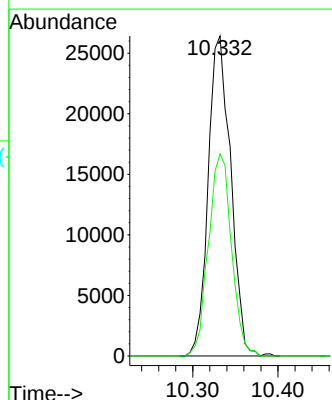
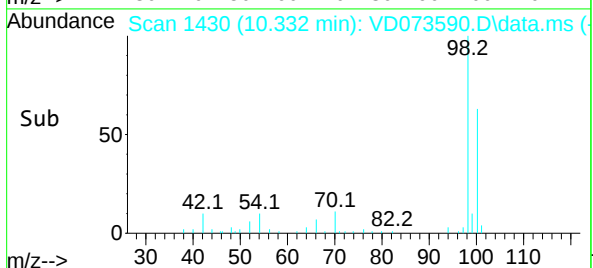
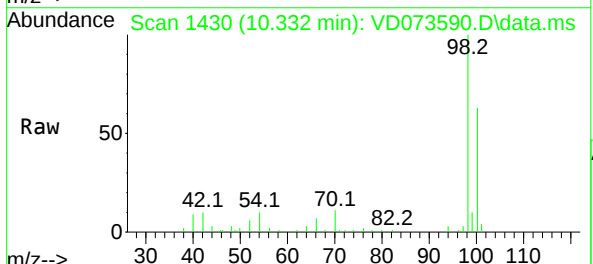


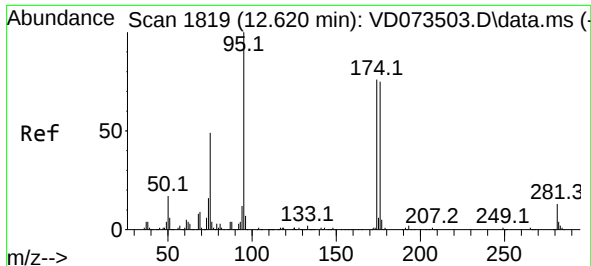
Tgt Ion:117 Resp: 1067
Ion Ratio Lower Upper
117 100
119 14.7 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.148 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

Tgt Ion: 98 Resp: 48459
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6

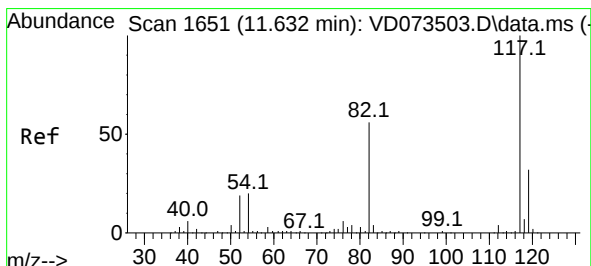
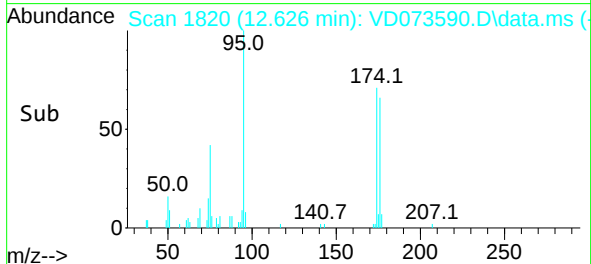
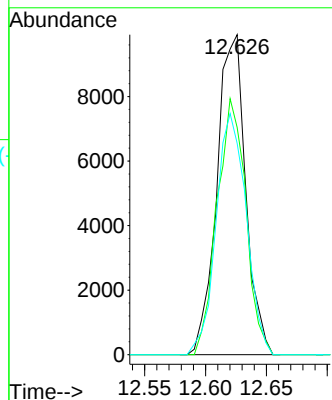
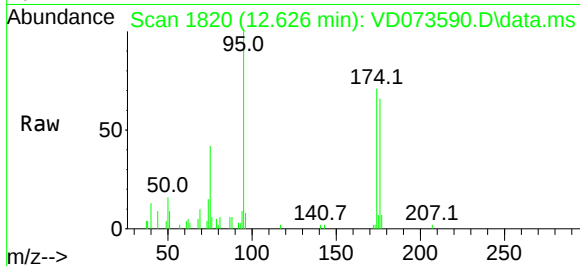




#62
4-Bromofluorobenzene
Concen: 44.645 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

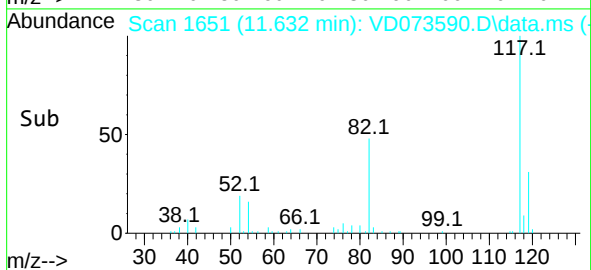
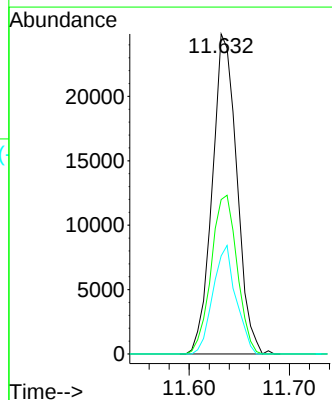
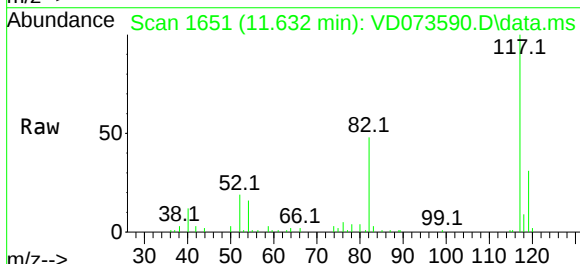
Instrument :
MSVOA_D
ClientSampleId :

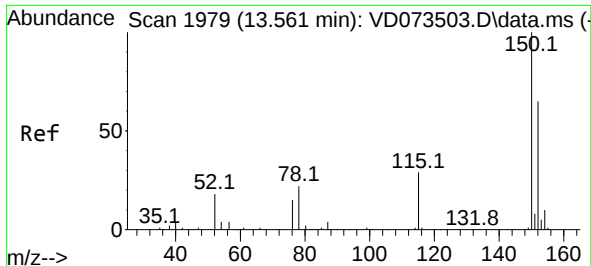
Tgt Ion: 95 Resp: 16312
Ion Ratio Lower Upper
95 100
174 80.1 0.0 152.8
176 78.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

Tgt Ion: 117 Resp: 42350
Ion Ratio Lower Upper
117 100
82 48.2 45.3 67.9
119 30.7 26.6 40.0

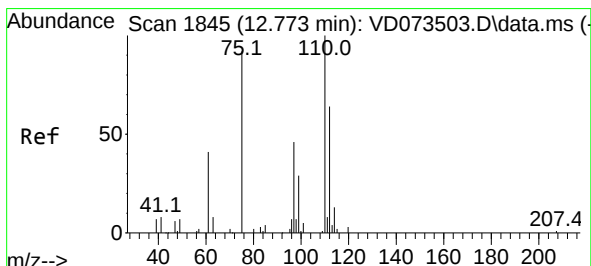
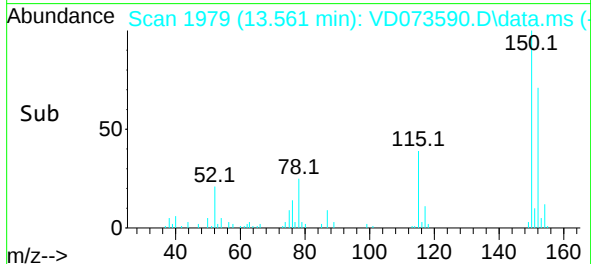
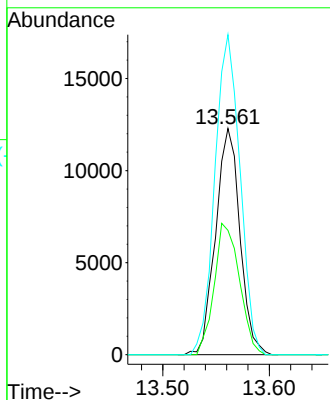
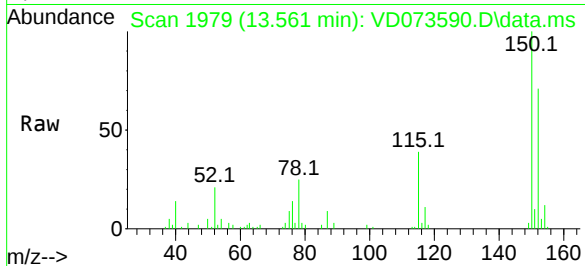




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073590.D
 Acq: 15 Jun 2022 14:36

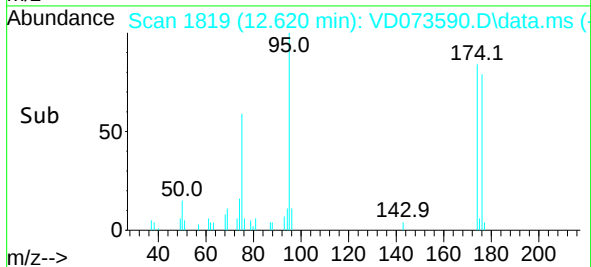
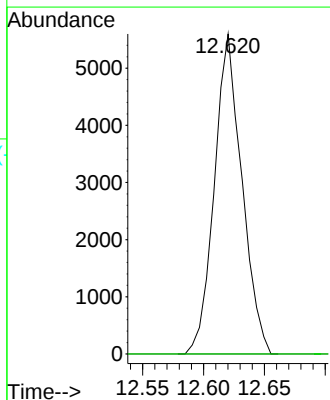
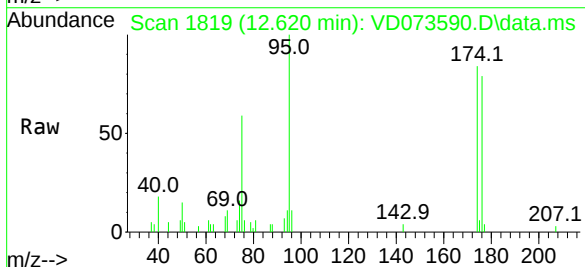
Instrument :
 MSVOA_D
 ClientSampleId :

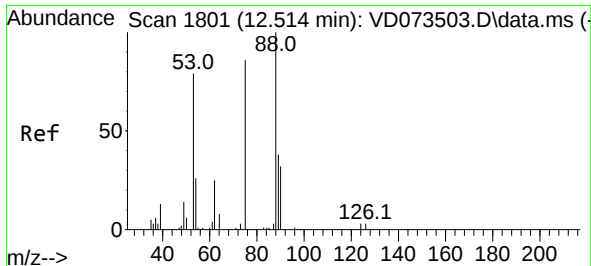
Tgt Ion:152 Resp: 19490
 Ion Ratio Lower Upper
 152 100
 115 60.1 31.3 93.8
 150 145.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 46.509 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD073590.D
 Acq: 15 Jun 2022 14:36

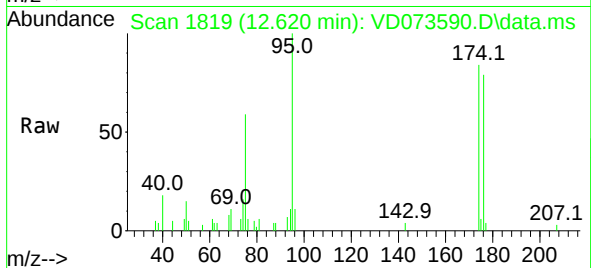
Tgt Ion: 75 Resp: 8806
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



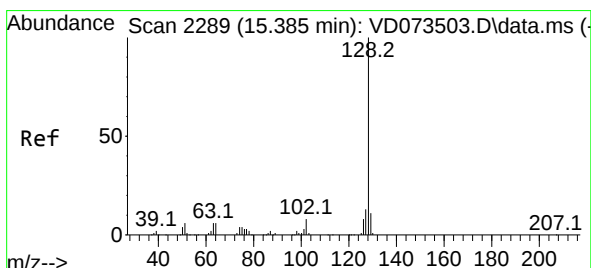
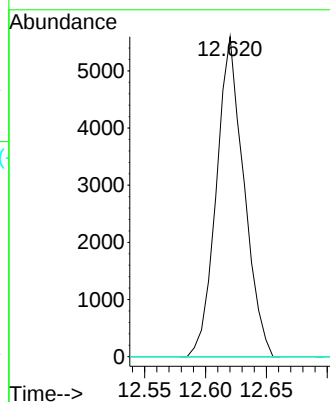
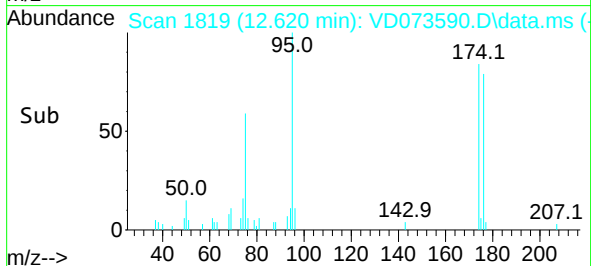


#81
trans-1,4-Dichloro-2-butene
Concen: 109.165 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

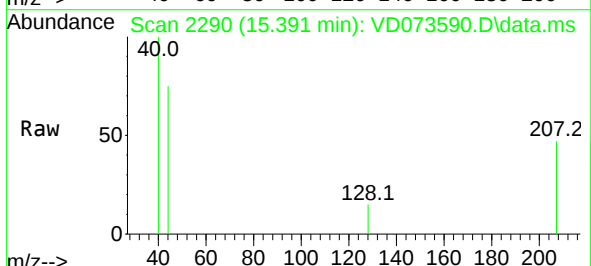
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 8806
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 4.398 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36



Tgt Ion: 128 Resp: 149
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

