

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073060.D
 Acq On : 17 May 2022 16:42
 Operator : VA/SY
 Sample : N2829-01
 Misc : 5.01 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 03:21:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 17 13:03:08 2022
 Response via : Initial Calibration

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

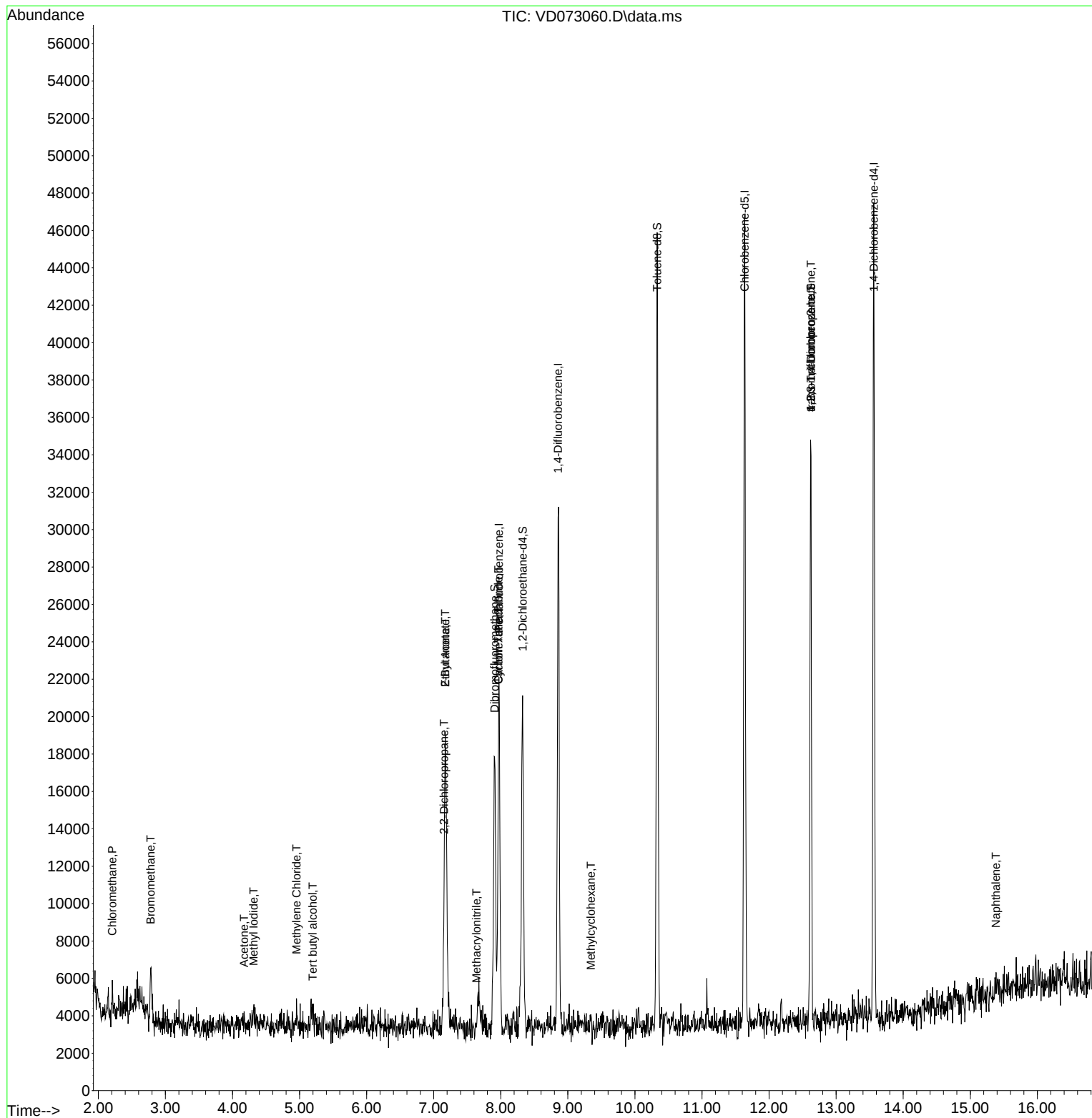
Internal Standards						
1) Pentafluorobenzene	7.973	168	13208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	22061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	25910	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	11005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	13616	82.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.860%#	
35) Dibromofluoromethane	7.908	113	10958	70.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.500%	
50) Toluene-d8	10.332	98	27330	48.637	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.280%	
62) 4-Bromofluorobenzene	12.626	95	10517	51.674	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	747	4.387	ug/l	98
5) Bromomethane	2.779	94	1940	17.443	ug/l	# 77
10) Methyl Iodide	4.314	142	994	8.882	ug/l	# 89
11) Tert butyl alcohol	5.197	59	477	18.670	ug/l	# 74
16) Acetone	4.173	43	72	2.409	ug/l	# 47
20) Methylene Chloride	4.956	84	467	2.153	ug/l	# 38
25) 2-Butanone	7.173	43	607	13.411	ug/l	# 52
26) 2,2-Dichloropropane	7.156	77	497	1.808	ug/l	# 54
31) Cyclohexane	7.967	56	491	1.650	ug/l	# 61
37) Ethyl Acetate	7.173	43	607	5.727	ug/l	# 1
38) Carbon Tetrachloride	7.967	117	1048	4.059	ug/l	# 13
39) Methylcyclohexane	9.344	83	338	1.149	ug/l	# 46
41) Methacrylonitrile	7.638	41	68	1.138	ug/l	# 27
76) 1,2,3-Trichloropropane	12.626	75	6072	48.230	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	6072	117.032	ug/l	# 7
95) Naphthalene	15.384	128	143	4.565	ug/l	# 70

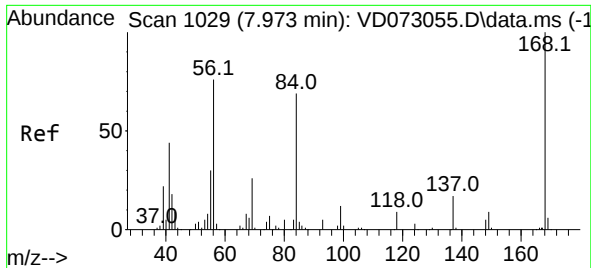
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.01 G/5.00ml/MSVOA_D/SOIL
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Instrument :
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ClientSampleId :

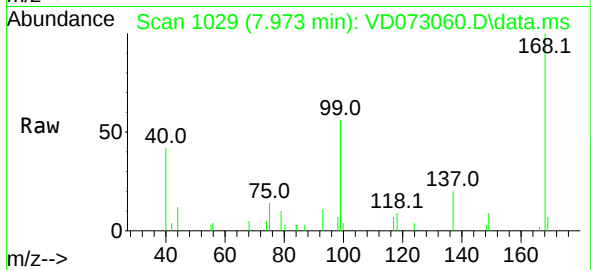
Quant Time: May 18 03:21:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Tue May 17 13:03:08 2022
Response via : Initial Calibration



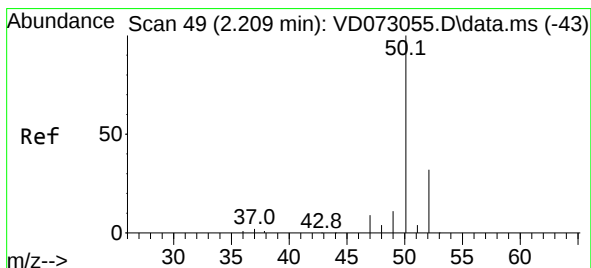
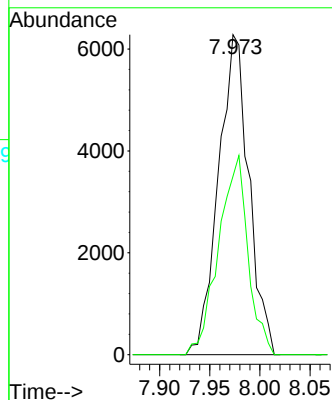
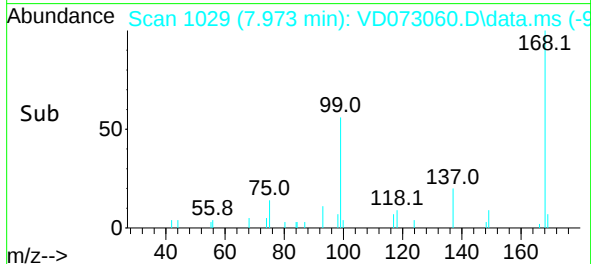


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073060.D
Acq: 17 May 2022 16:42

Instrument :
MSVOA_D
ClientSampleId :

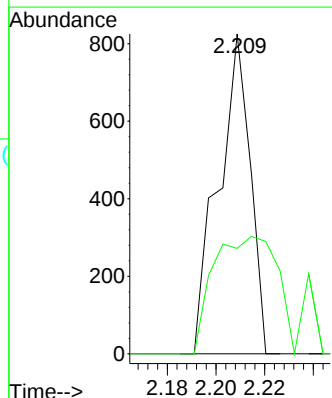
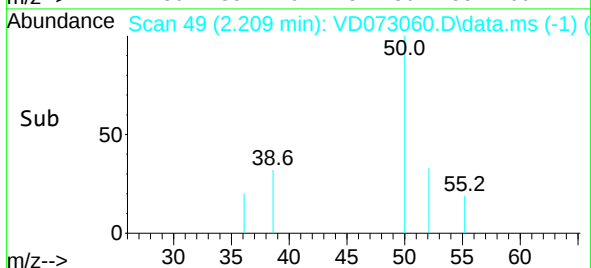
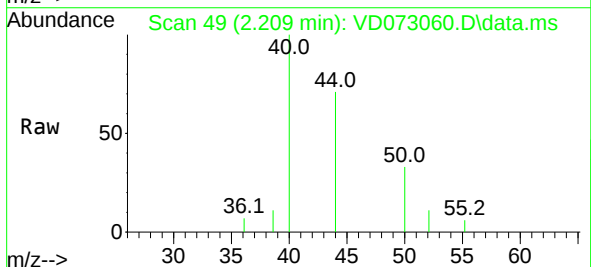


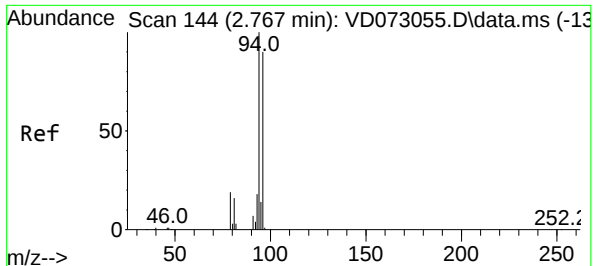
Tgt Ion:168 Resp: 13208
Ion Ratio Lower Upper
168 100
99 55.7 49.8 74.6



#3
Chloromethane
Concen: 4.387 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073060.D
Acq: 17 May 2022 16:42

Tgt Ion: 50 Resp: 747
Ion Ratio Lower Upper
50 100
52 33.0 27.4 41.0

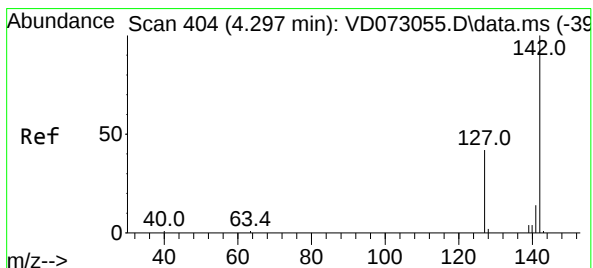
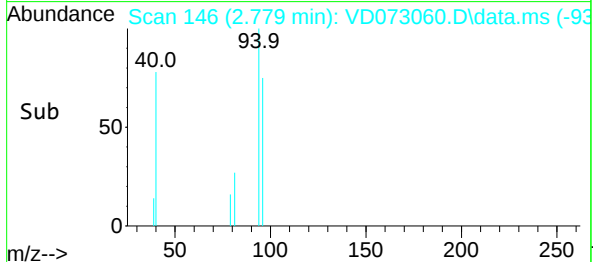
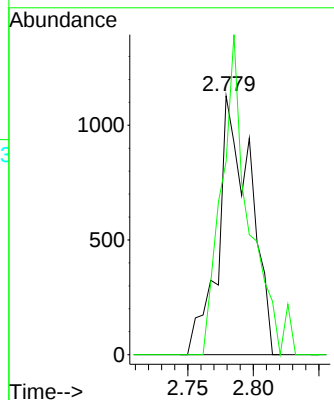
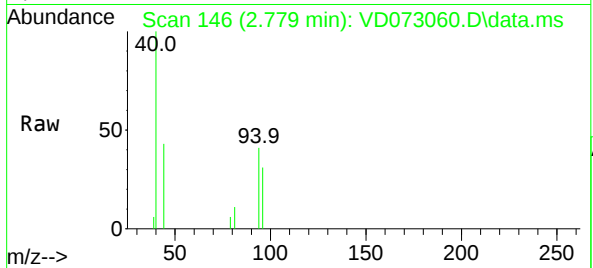




#5
Bromomethane
Concen: 17.443 ug/l
RT: 2.779 min Scan# 144
Delta R.T. 0.012 min
Lab File: VD073060.D
Acq: 17 May 2022 16:42

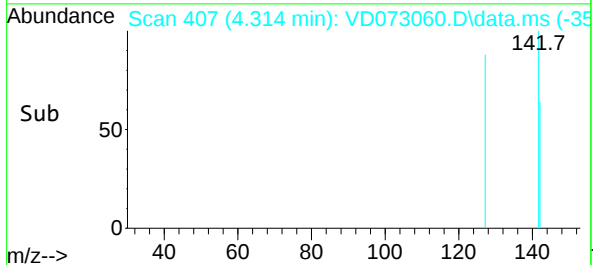
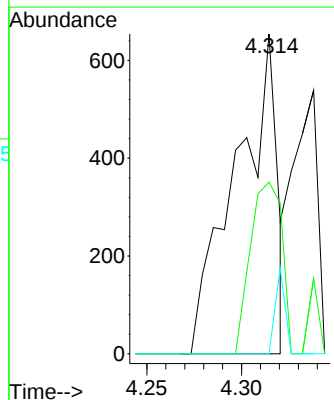
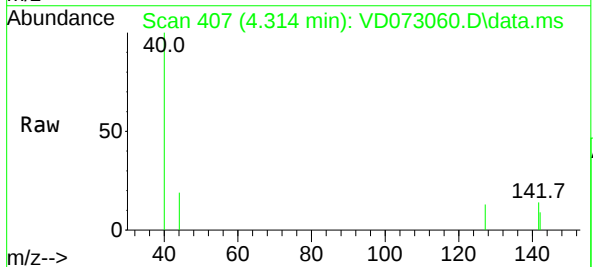
Instrument :
MSVOA_D
ClientSampleId :

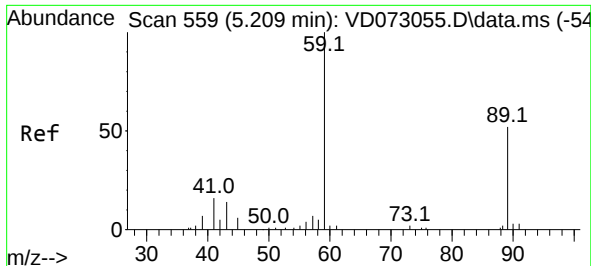
Tgt Ion: 94 Resp: 1940
Ion Ratio Lower Upper
94 100
96 74.6 77.6 116.4#



#10
Methyl Iodide
Concen: 8.882 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.017 min
Lab File: VD073060.D
Acq: 17 May 2022 16:42

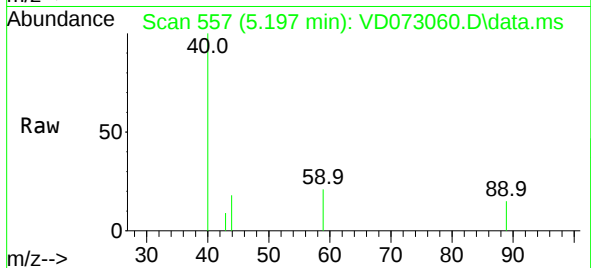
Tgt Ion:142 Resp: 994
Ion Ratio Lower Upper
142 100
127 40.9 37.3 55.9
141 6.2 11.7 17.5#



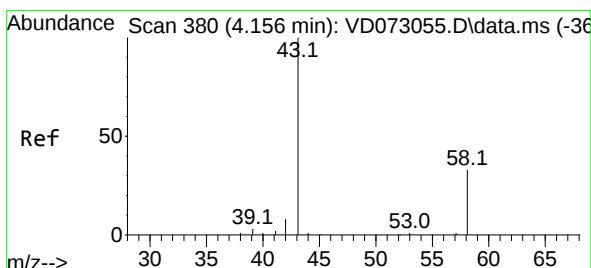
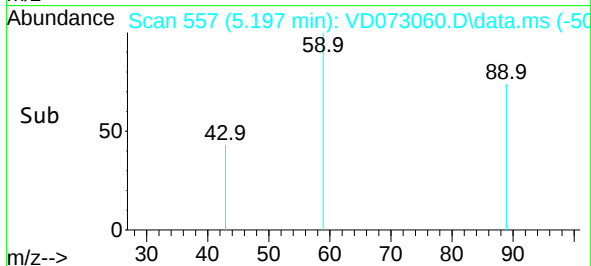
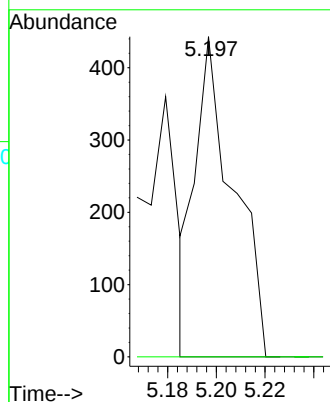


#11
Tert butyl alcohol
Concen: 18.670 ug/l
RT: 5.197 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD073060.D
Acq: 17 May 2022 16:42

Instrument :
MSVOA_D
ClientSampleId :

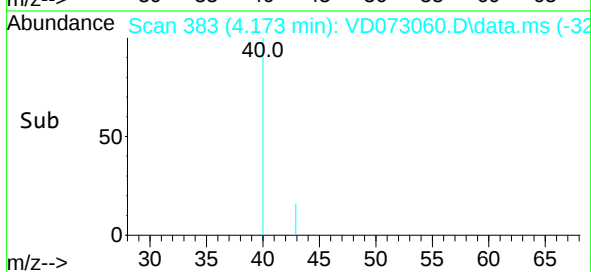
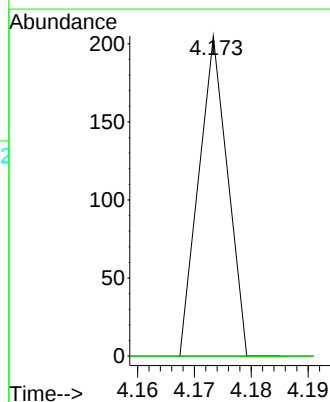
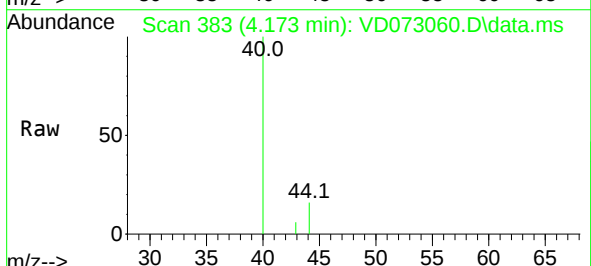


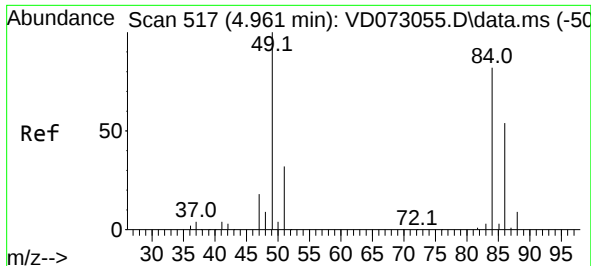
Tgt Ion: 59 Resp: 477
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 2.409 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.017 min
Lab File: VD073060.D
Acq: 17 May 2022 16:42

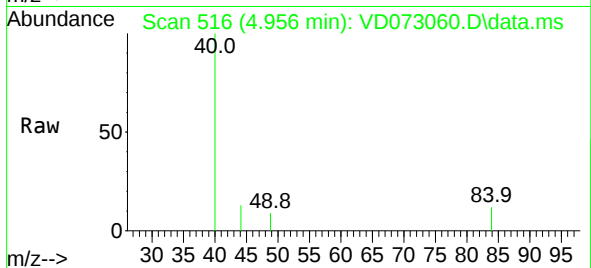
Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



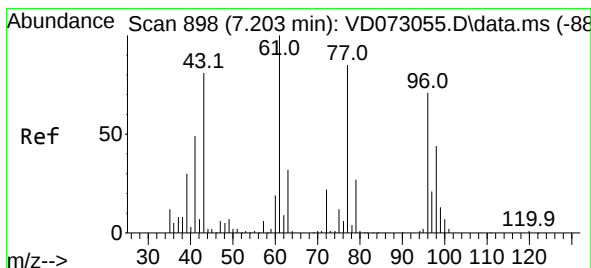
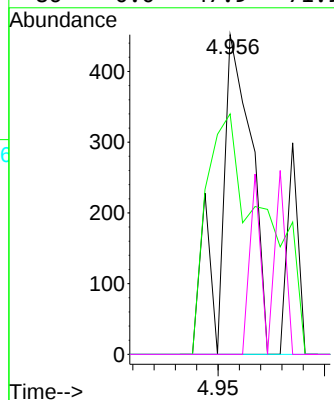


#20
Methylene Chloride
Concen: 2.153 ug/l
RT: 4.956 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD073060.D
Acq: 17 May 2022 16:42

Instrument :
MSVOA_D
ClientSampleId :

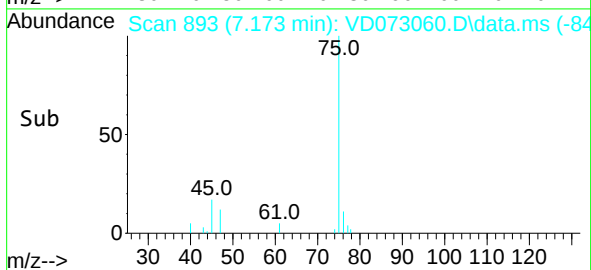
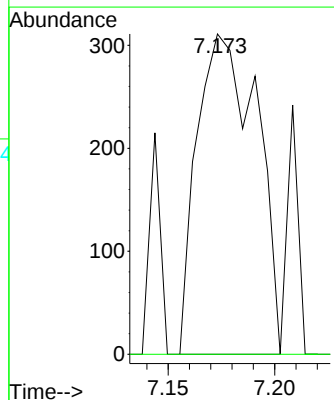
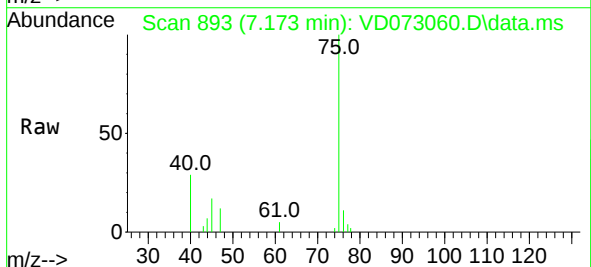


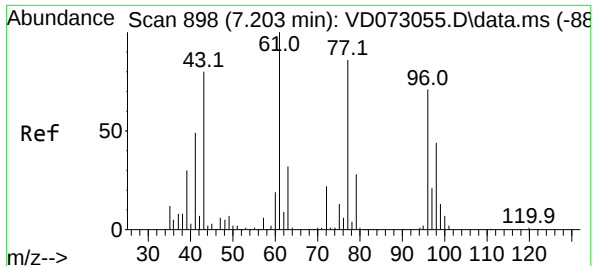
Tgt Ion: 84	Resp: 467
Ion Ratio	Lower Upper
84 100	
49 75.2	112.8 169.2#
51 0.0	32.6 48.8#
86 0.0	47.9 71.9#



#25
2-Butanone
Concen: 13.411 ug/l
RT: 7.173 min Scan# 893
Delta R.T. -0.030 min
Lab File: VD073060.D
Acq: 17 May 2022 16:42

Tgt Ion: 43	Resp: 607
Ion Ratio	Lower Upper
43 100	
72 0.0	18.6 27.8#





#26

2,2-Dichloropropane

Concen: 1.808 ug/l

RT: 7.156 min Scan# 89

Delta R.T. -0.047 min

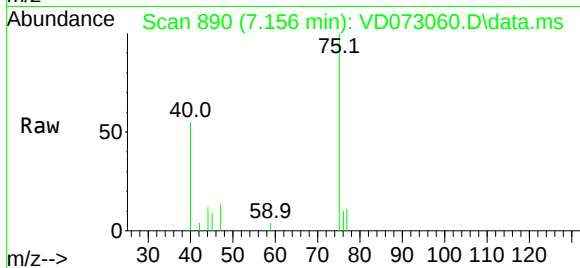
Lab File: VD073060.D

Acq: 17 May 2022 16:42

Instrument :

MSVOA_D

ClientSampleId :

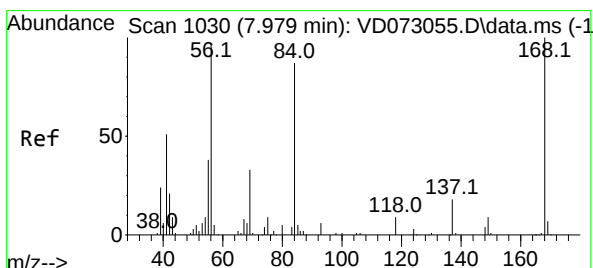
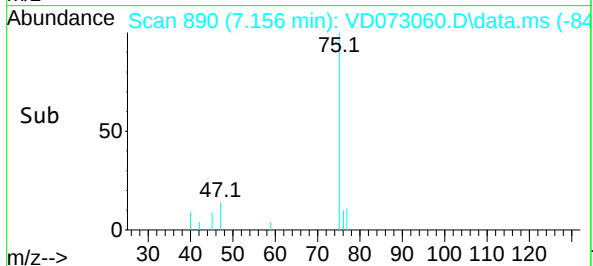
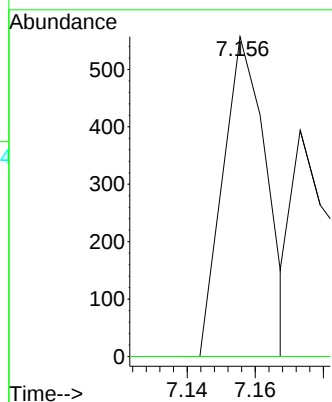


Tgt Ion: 77 Resp: 497

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.4#



#31

Cyclohexane

Concen: 1.650 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073060.D

Acq: 17 May 2022 16:42

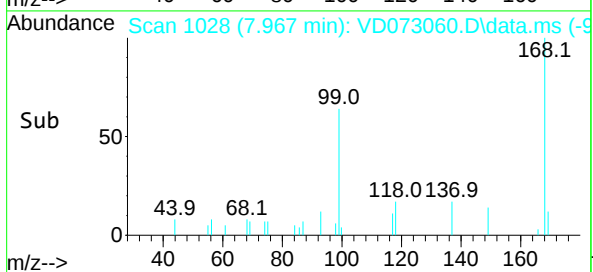
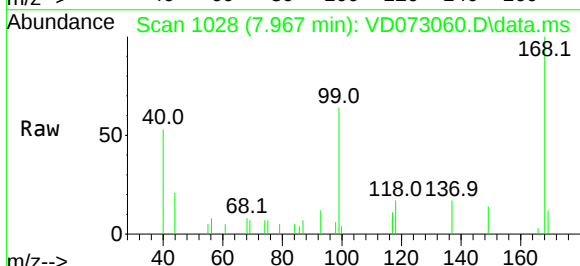
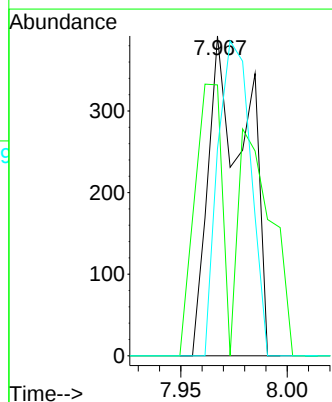
Tgt Ion: 56 Resp: 491

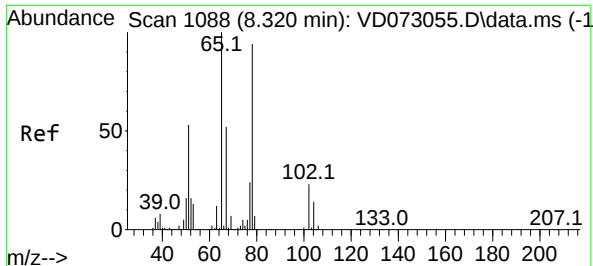
Ion Ratio Lower Upper

56 100

69 84.7 25.4 38.2#

84 64.8 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 82.433 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.006 min

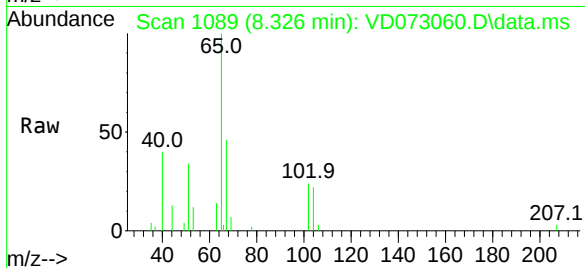
Lab File: VD073060.D

Acq: 17 May 2022 16:42

Instrument :

MSVOA_D

ClientSampleId :

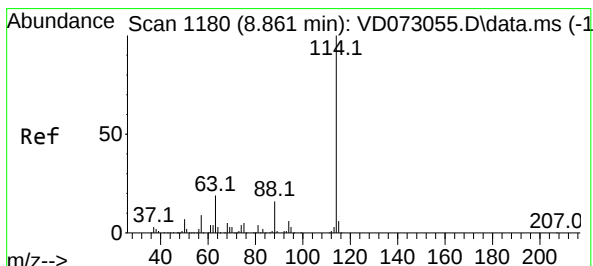
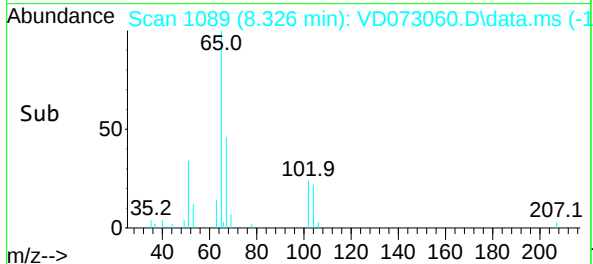
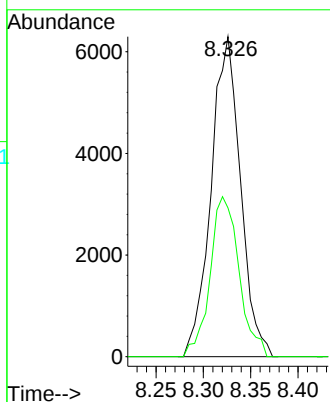


Tgt Ion: 65 Resp: 13616

Ion Ratio Lower Upper

65 100

67 49.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD073060.D

Acq: 17 May 2022 16:42

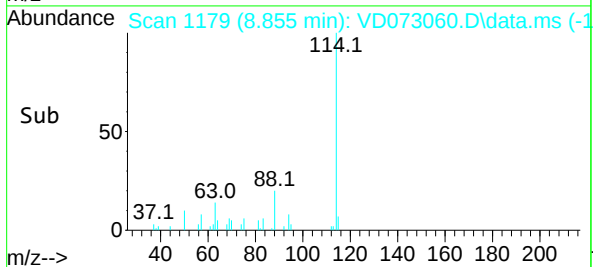
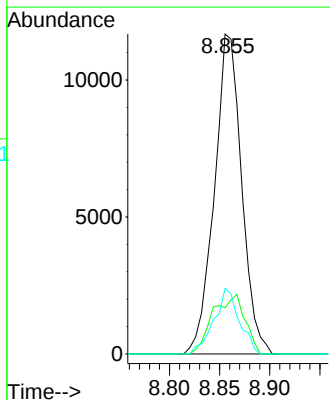
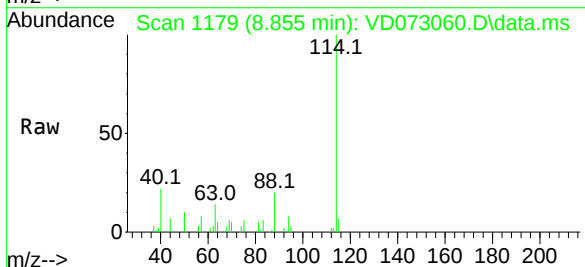
Tgt Ion: 114 Resp: 22061

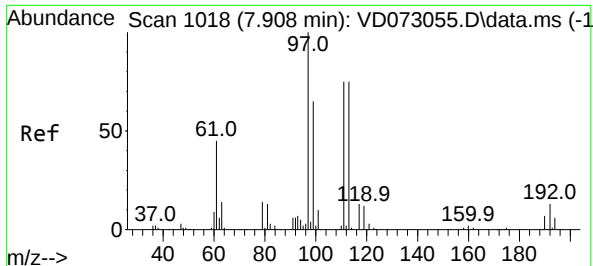
Ion Ratio Lower Upper

114 100

63 14.5 0.0 46.6

88 20.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 70.746 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

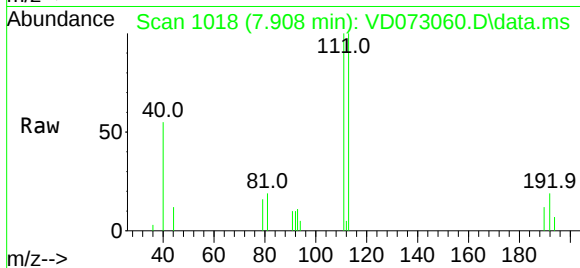
Lab File: VD073060.D

Acq: 17 May 2022 16:42

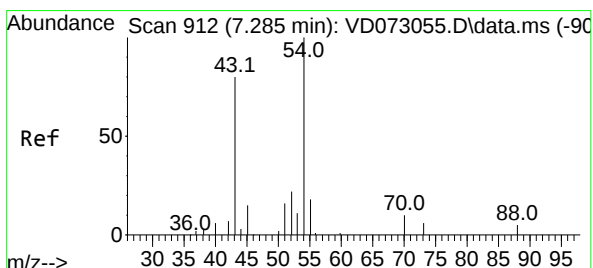
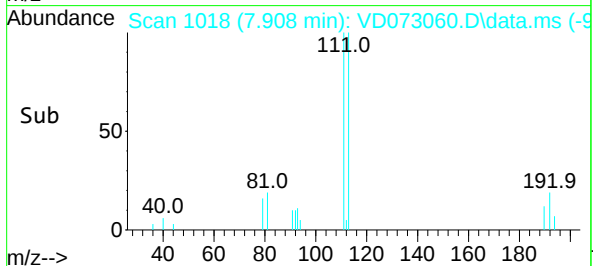
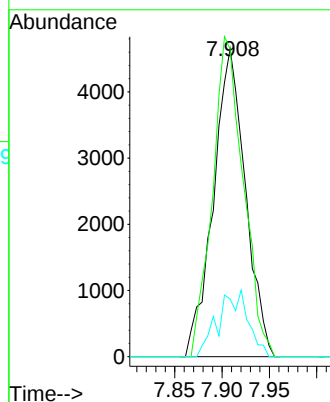
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	10958
Ion	Ratio	Lower	Upper
113	100		
111	99.9	83.8	125.6
192	20.1	14.6	21.8



#37

Ethyl Acetate

Concen: 5.727 ug/l

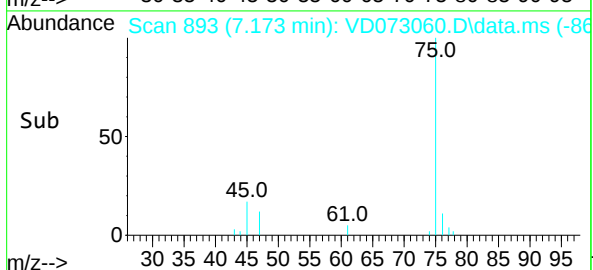
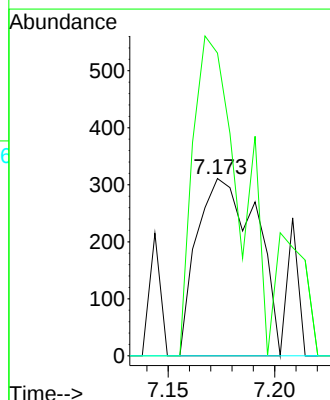
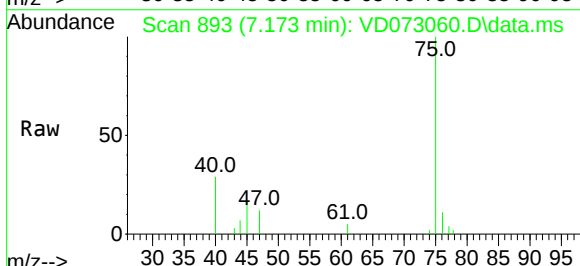
RT: 7.173 min Scan# 893

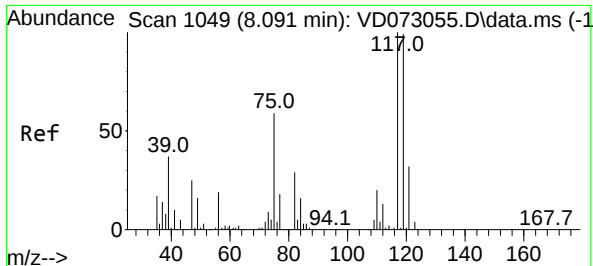
Delta R.T. -0.112 min

Lab File: VD073060.D

Acq: 17 May 2022 16:42

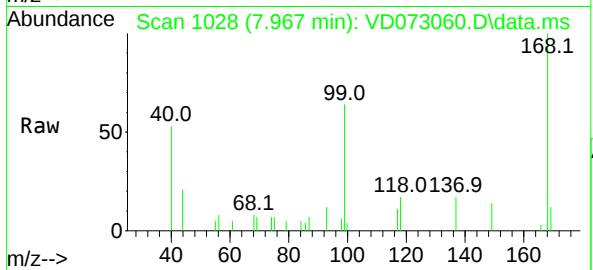
Tgt Ion:	43	Resp:	607
Ion	Ratio	Lower	Upper
43	100		
61	140.2	9.8	14.8#
70	0.0	6.9	10.3#



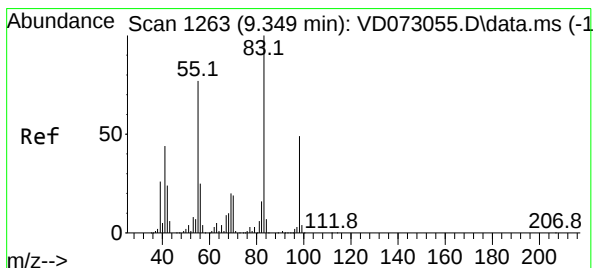
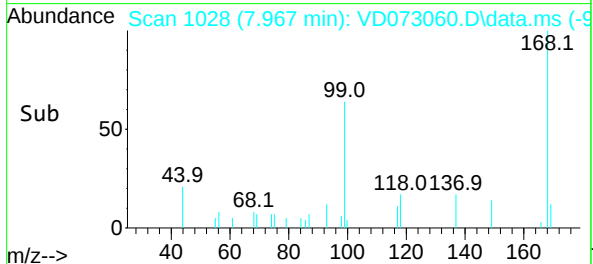
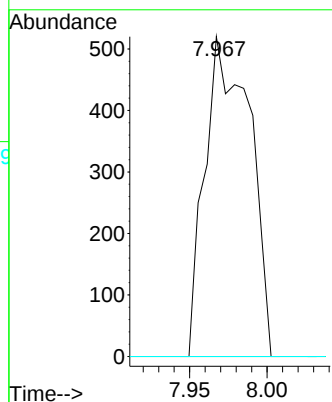


#38
Carbon Tetrachloride
Concen: 4.059 ug/l
RT: 7.967 min Scan# 1048
Delta R.T. -0.124 min
Lab File: VD073060.D
Acq: 17 May 2022 16:42

Instrument :
MSVOA_D
ClientSampleId :

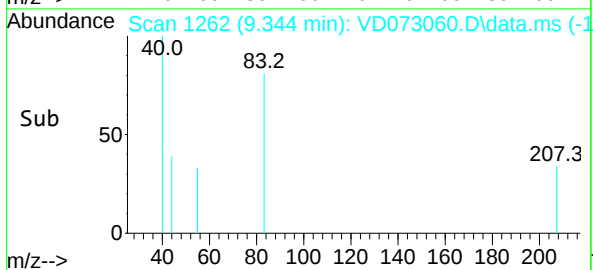
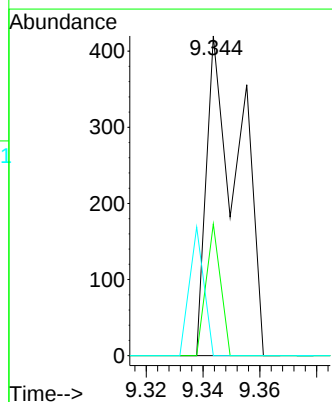
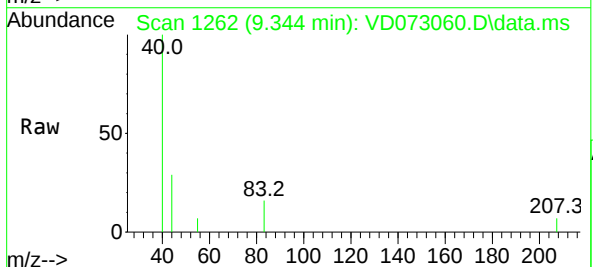


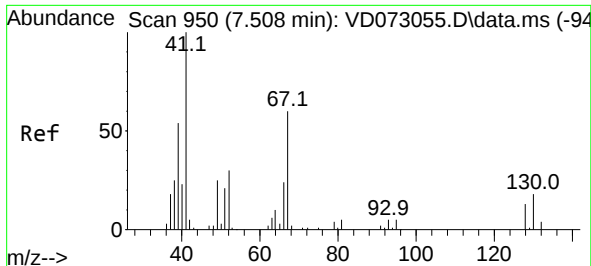
Tgt Ion:117 Resp: 1048
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 1.149 ug/l
RT: 9.344 min Scan# 1262
Delta R.T. -0.005 min
Lab File: VD073060.D
Acq: 17 May 2022 16:42

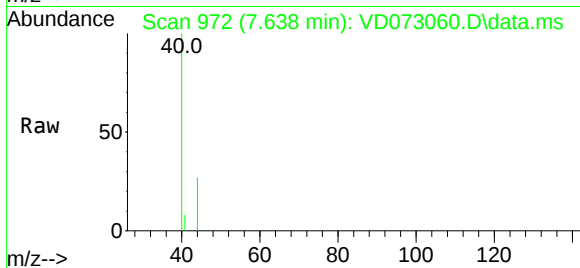
Tgt Ion: 83 Resp: 338
Ion Ratio Lower Upper
83 100
55 41.2 63.2 94.8#
98 0.0 38.2 57.4#



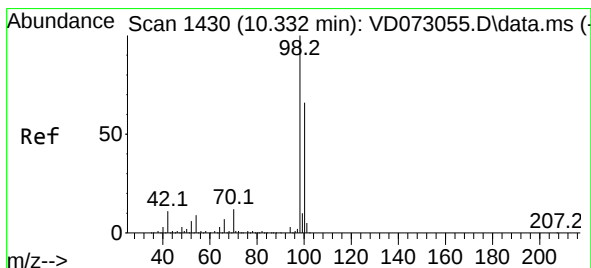
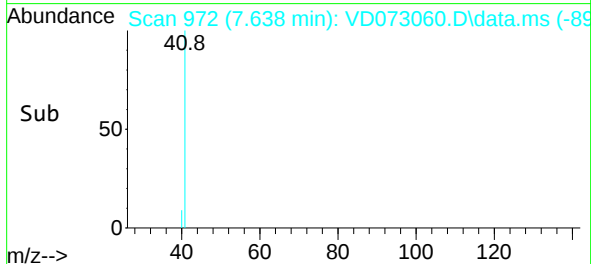
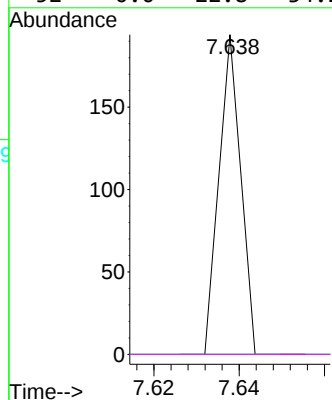


#41
Methacrylonitrile
Concen: 1.138 ug/l
RT: 7.638 min Scan# 91
Delta R.T. 0.130 min
Lab File: VD073060.D
Acq: 17 May 2022 16:42

Instrument :
MSVOA_D
ClientSampleId :

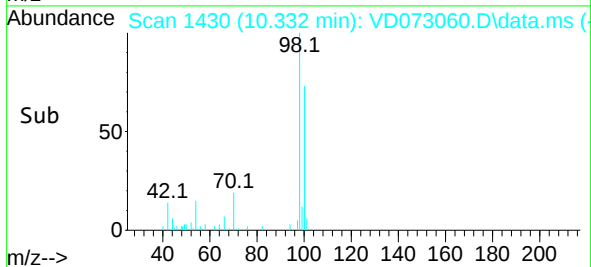
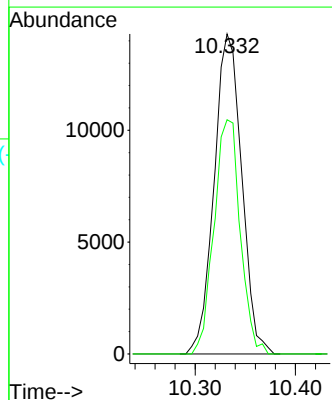
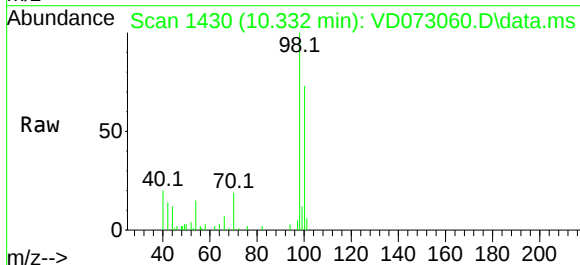


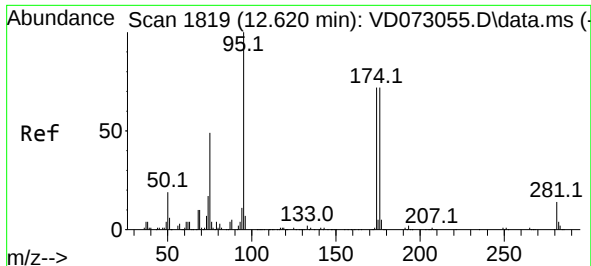
Tgt Ion: 41	Resp: 68
Ion Ratio	Lower Upper
41 100	
39 0.0	44.6 67.0#
67 0.0	48.2 72.4#
52 0.0	22.8 34.2#



#50
Toluene-d8
Concen: 48.637 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073060.D
Acq: 17 May 2022 16:42

Tgt Ion: 98	Resp: 27330
Ion Ratio	Lower Upper
98 100	
100 69.4	52.4 78.6

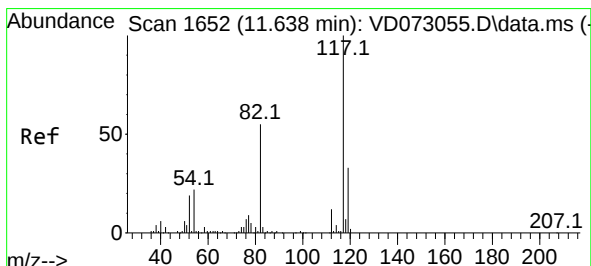
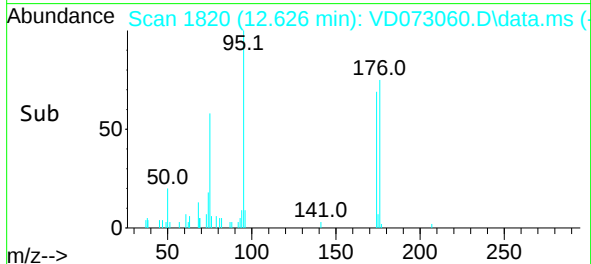
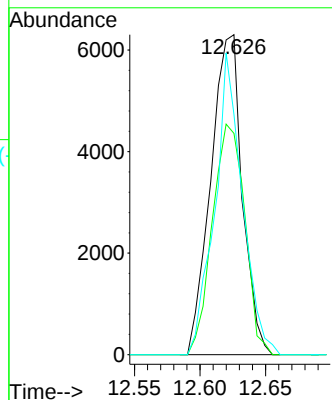
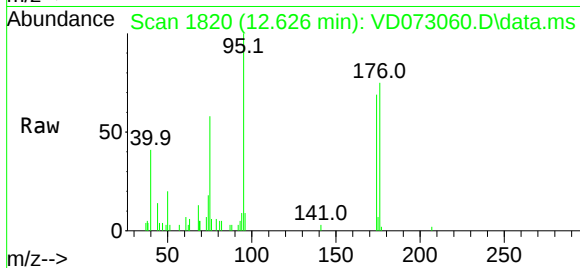




#62
4-Bromofluorobenzene
Concen: 51.674 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD073060.D
Acq: 17 May 2022 16:42

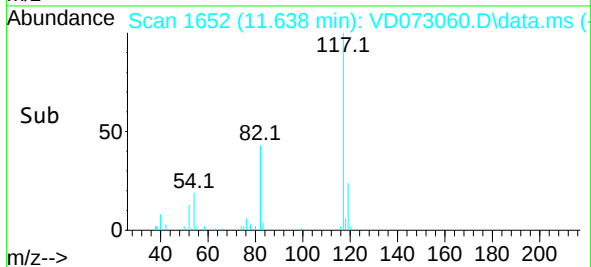
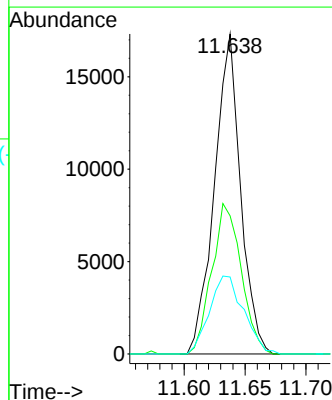
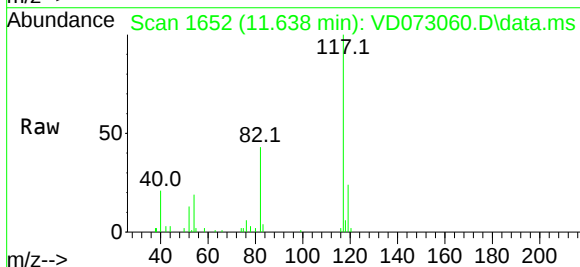
Instrument :
MSVOA_D
ClientSampleId :

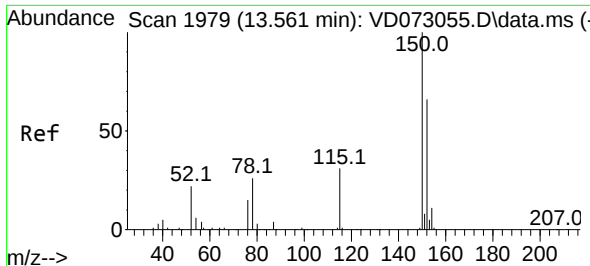
Tgt Ion: 95 Resp: 10517
Ion Ratio Lower Upper
95 100
174 74.1 0.0 152.8
176 82.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073060.D
Acq: 17 May 2022 16:42

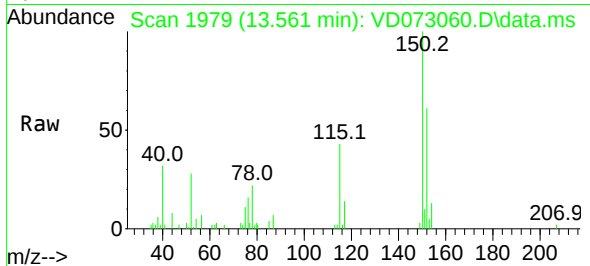
Tgt Ion:117 Resp: 25910
Ion Ratio Lower Upper
117 100
82 43.2 45.3 67.9#
119 24.1 26.6 40.0#



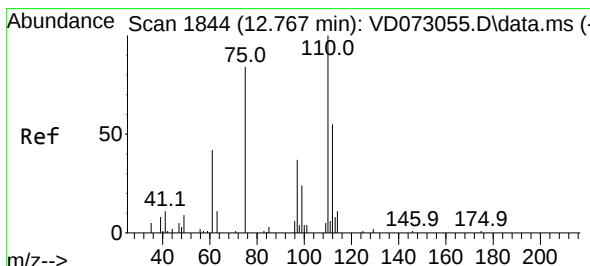
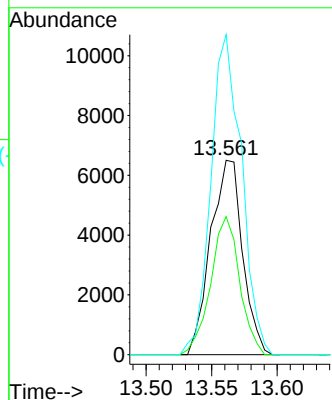
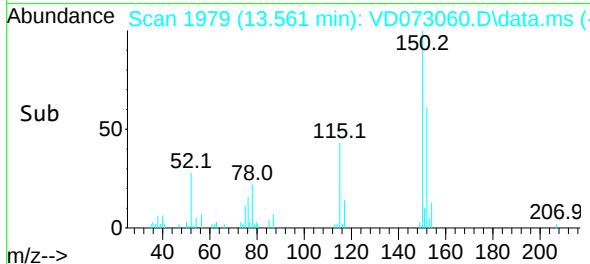


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073060.D
 Acq: 17 May 2022 16:42

Instrument :
 MSVOA_D
 ClientSampleId :

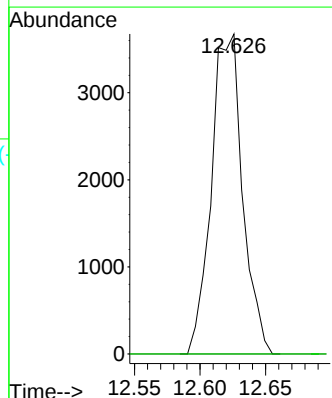
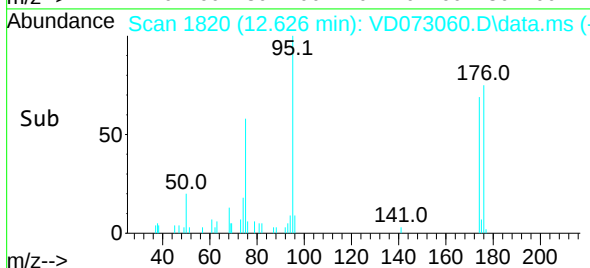
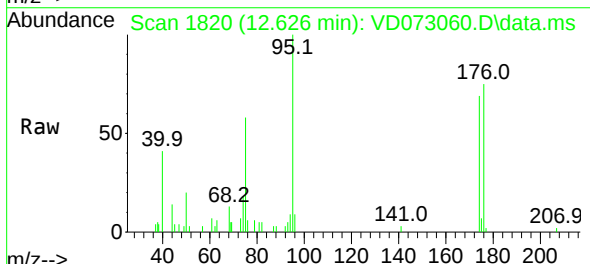


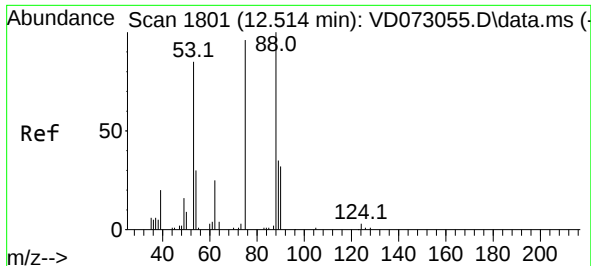
Tgt Ion:152 Resp: 11005
 Ion Ratio Lower Upper
 152 100
 115 64.5 31.3 93.8
 150 158.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 48.230 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.141 min
 Lab File: VD073060.D
 Acq: 17 May 2022 16:42

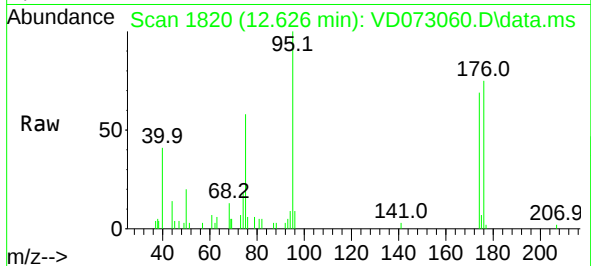
Tgt Ion: 75 Resp: 6072
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



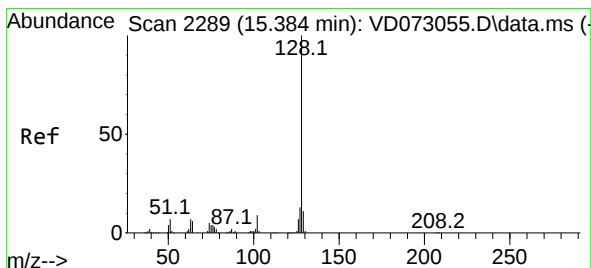
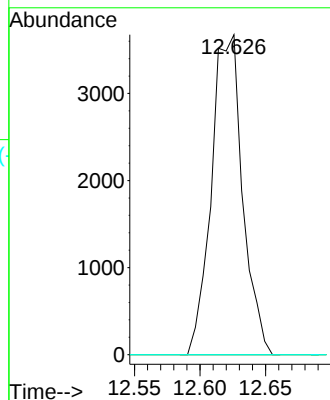
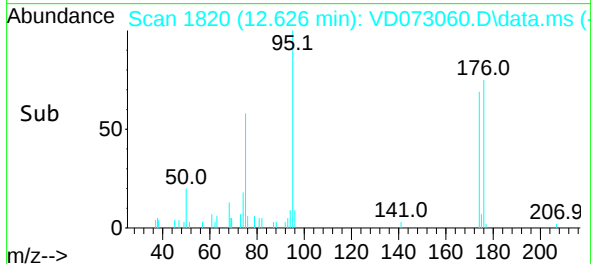


#81
trans-1,4-Dichloro-2-butene
Concen: 117.032 ug/l
RT: 12.626 min Scan# 1801
Delta R.T. 0.112 min
Lab File: VD073060.D
Acq: 17 May 2022 16:42

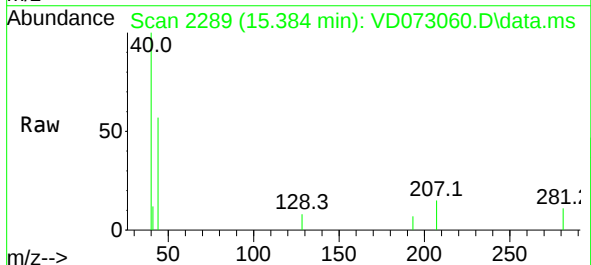
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 6072
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 4.565 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD073060.D
Acq: 17 May 2022 16:42



Tgt Ion: 128 Resp: 143
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

