

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073082.D
 Acq On : 18 May 2022 04:11
 Operator : VA/SY
 Sample : N2879-07
 Misc : 5.62 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

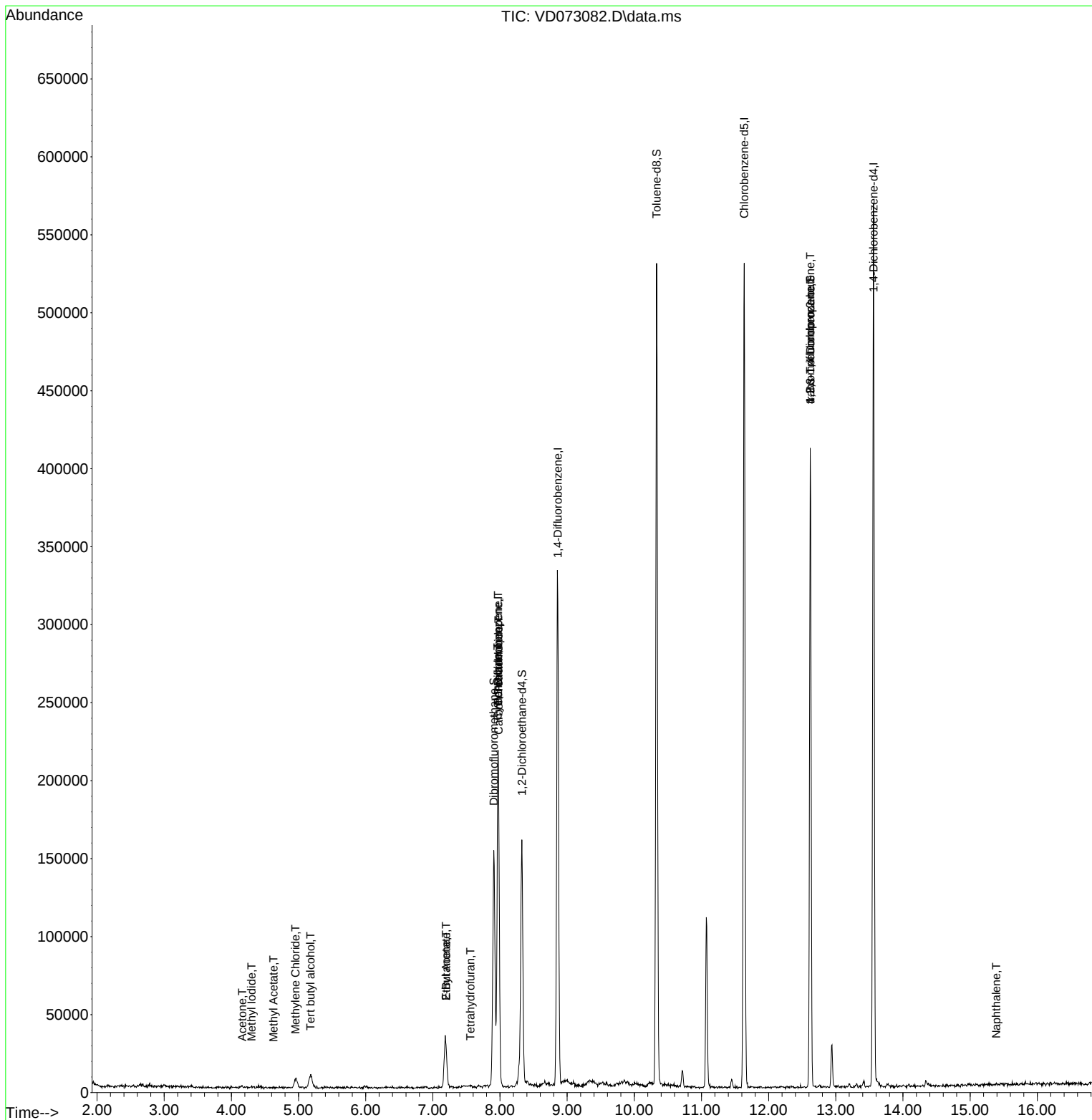
Quant Time: May 18 05:15:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

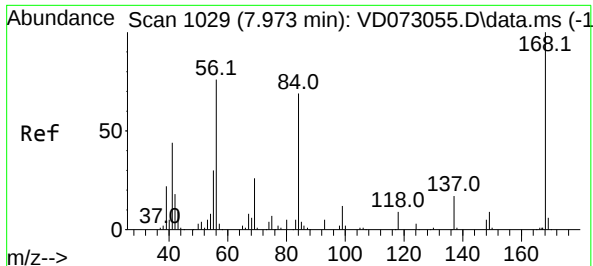
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	155879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	274584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	313570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	146188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	122061	62.615	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.240%			
35) Dibromofluoromethane	7.908	113	105252	54.594	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.180%			
50) Toluene-d8	10.332	98	348213	49.787	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.580%			
62) 4-Bromofluorobenzene	12.620	95	134515	53.101	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.200%			
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	564	4.501	ug/l #	78
11) Tert butyl alcohol	5.179	59	8410	27.892	ug/l #	74
16) Acetone	4.162	43	1788	5.068	ug/l #	80
18) Methyl Acetate	4.626	43	55	1.510	ug/l #	55
20) Methylene Chloride	4.956	84	3122	1.219	ug/l #	71
25) 2-Butanone	7.197	43	2137	4.000	ug/l #	88
29) Tetrahydrofuran	7.561	42	528	1.536	ug/l #	38
31) Cyclohexane	7.967	56	4079	1.162	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	13140	4.183	ug/l #	50
37) Ethyl Acetate	7.197	43	2137	1.620	ug/l #	1
38) Carbon Tetrachloride	7.979	117	17064	5.310	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	69004	41.756	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	69004	100.121	ug/l #	7
95) Naphthalene	15.390	128	891	4.403	ug/l #	70

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

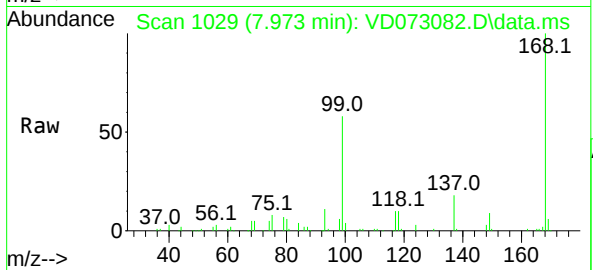
Quant Time: May 18 05:15:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration



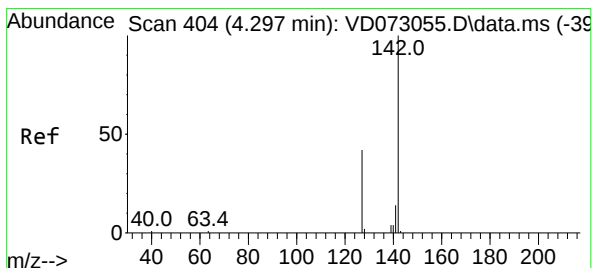
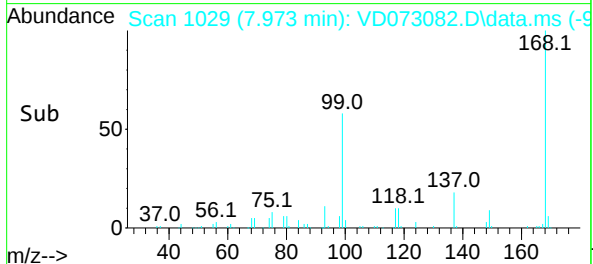
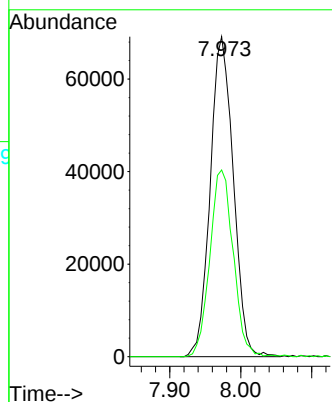


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

Instrument :
MSVOA_D
ClientSampleId :

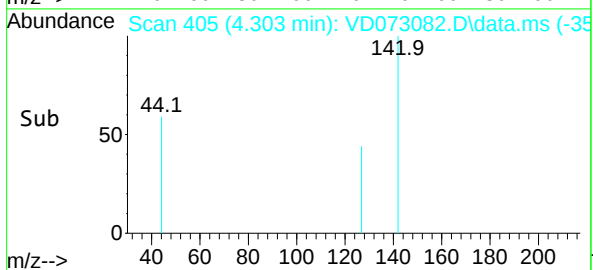
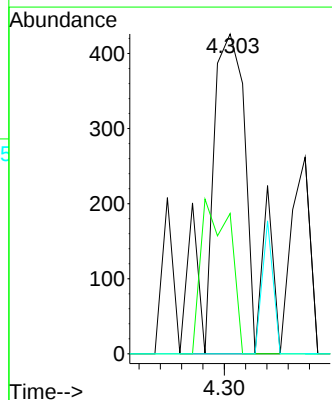
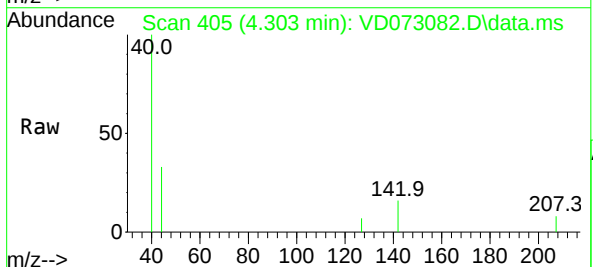


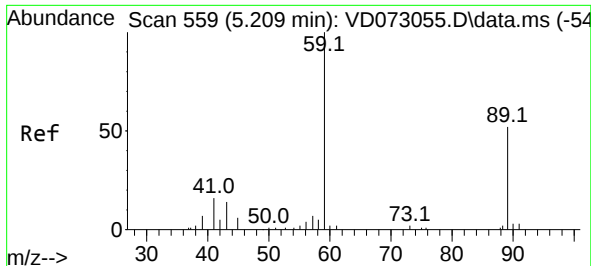
Tgt Ion:168 Resp: 155879
Ion Ratio Lower Upper
168 100
99 58.4 49.8 74.6



#10
Methyl Iodide
Concen: 4.501 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

Tgt Ion:142 Resp: 564
Ion Ratio Lower Upper
142 100
127 34.4 37.3 55.9#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 27.892 ug/l

RT: 5.179 min Scan# 51

Delta R.T. -0.030 min

Lab File: VD073082.D

Acq: 18 May 2022 04:11

Instrument :

MSVOA_D

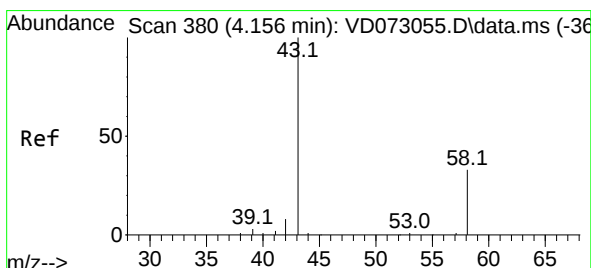
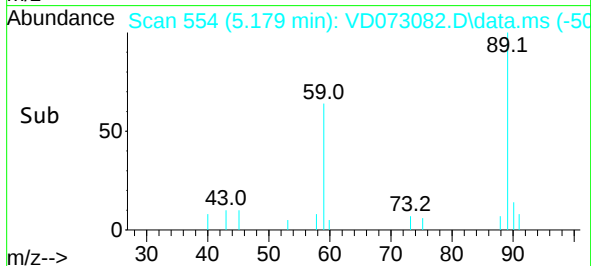
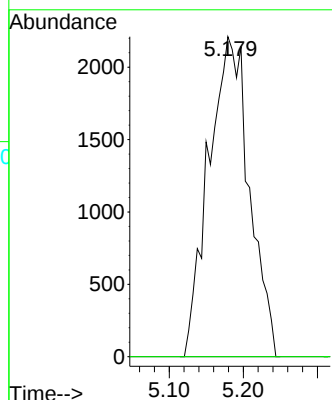
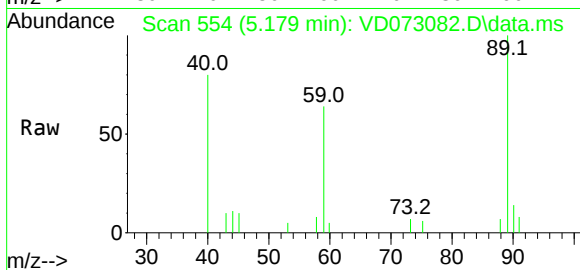
ClientSampleId :

Tgt Ion: 59 Resp: 8410

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 5.068 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.006 min

Lab File: VD073082.D

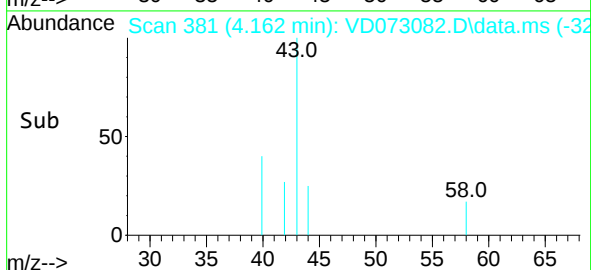
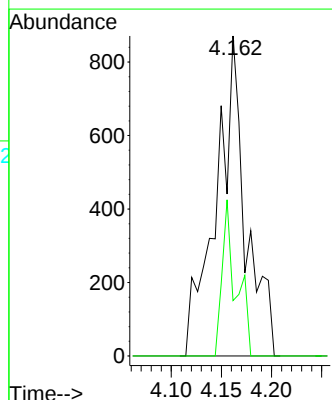
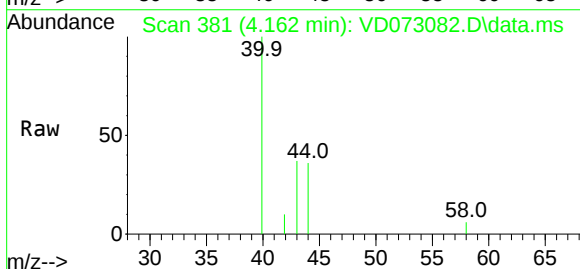
Acq: 18 May 2022 04:11

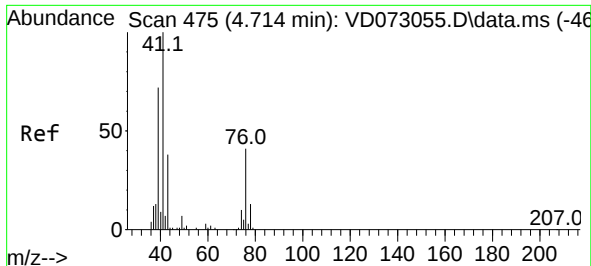
Tgt Ion: 43 Resp: 1788

Ion Ratio Lower Upper

43 100

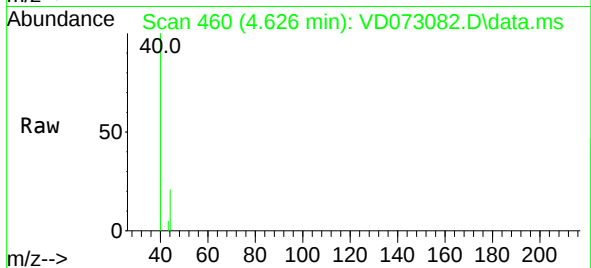
58 17.3 22.1 33.1#



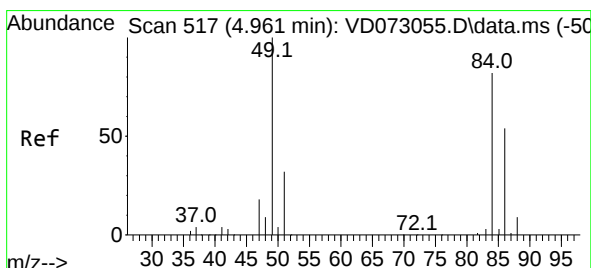
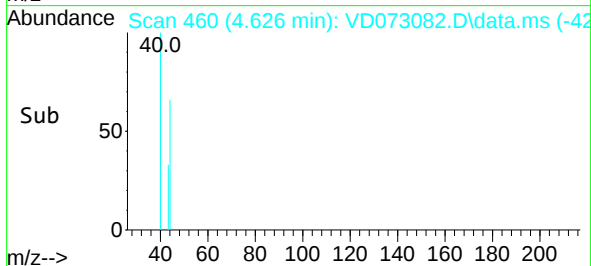
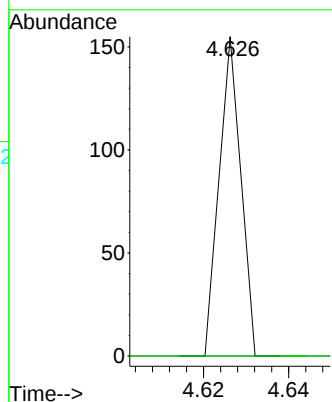


#18
Methyl Acetate
Concen: 1.510 ug/l
RT: 4.626 min Scan# 41
Delta R.T. -0.088 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

Instrument :
MSVOA_D
ClientSampleId :

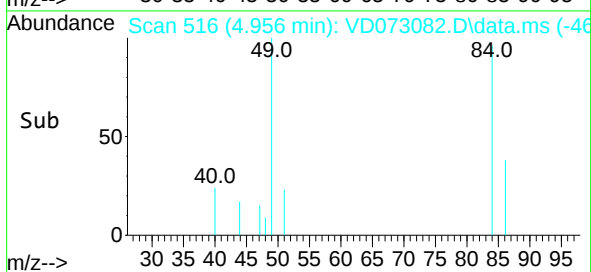
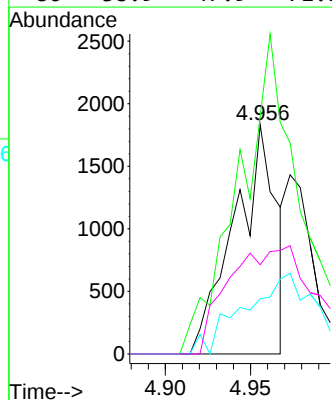
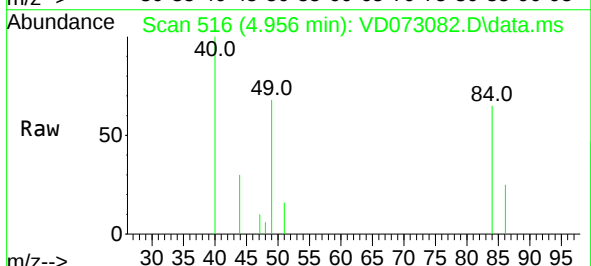


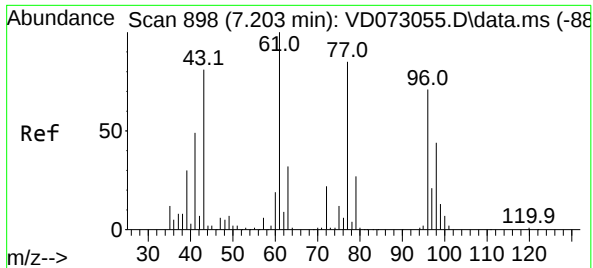
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 1.219 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

Tgt Ion: 84 Resp: 3122
Ion Ratio Lower Upper
84 100
49 103.7 112.8 169.2#
51 24.1 32.6 48.8#
86 38.9 47.9 71.9#

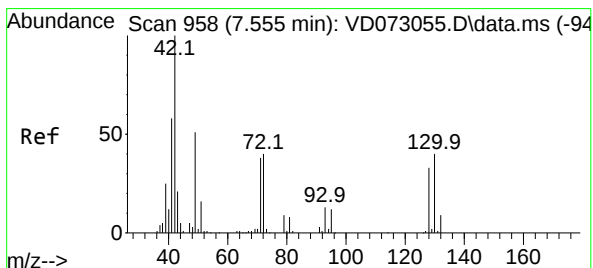
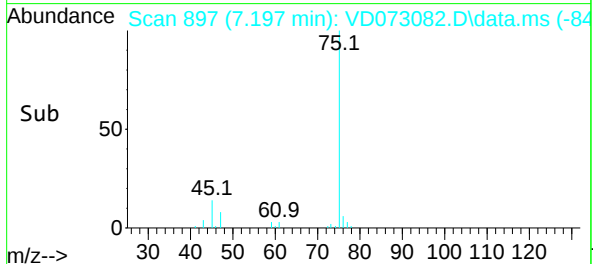
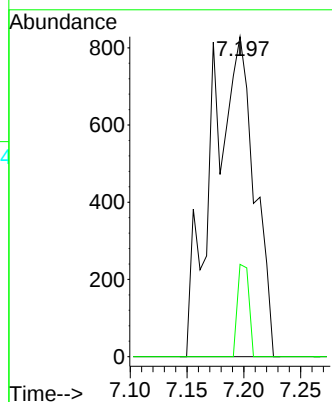
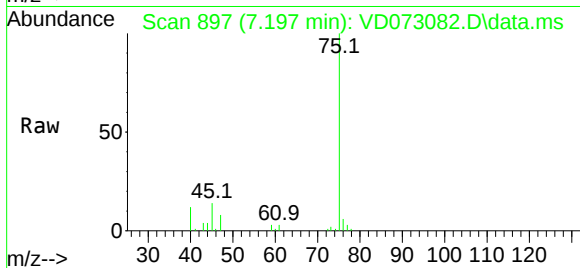




#25
2-Butanone
Concen: 4.000 ug/l
RT: 7.197 min Scan# 89
Delta R.T. -0.006 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

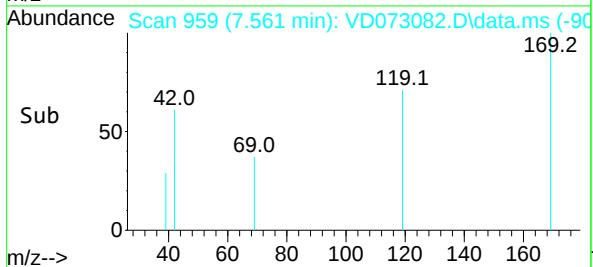
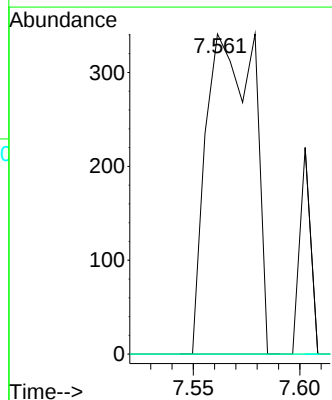
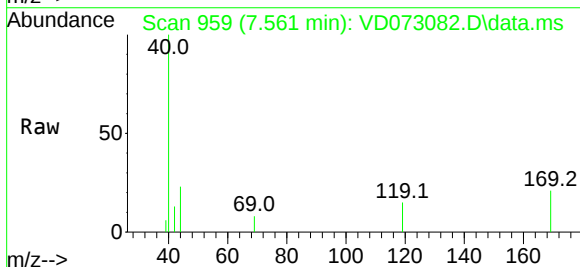
Instrument :
MSVOA_D
ClientSampleId :

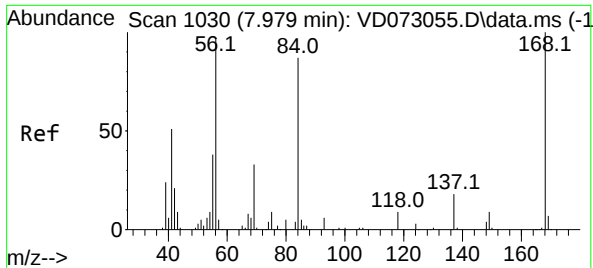
Tgt Ion: 43 Resp: 2137
Ion Ratio Lower Upper
43 100
72 28.8 18.6 27.8#



#29
Tetrahydrofuran
Concen: 1.536 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.006 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

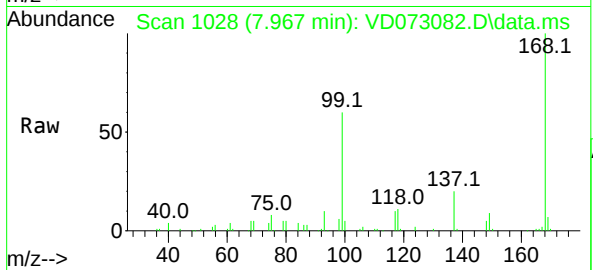
Tgt Ion: 42 Resp: 528
Ion Ratio Lower Upper
42 100
72 0.0 30.7 46.1#
71 0.0 28.6 43.0#



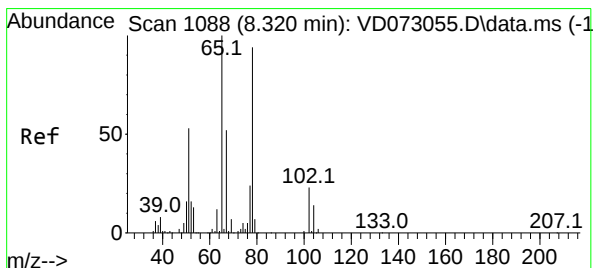
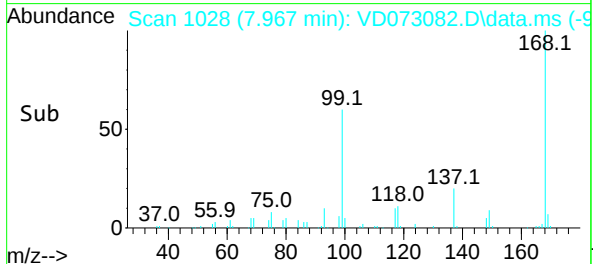
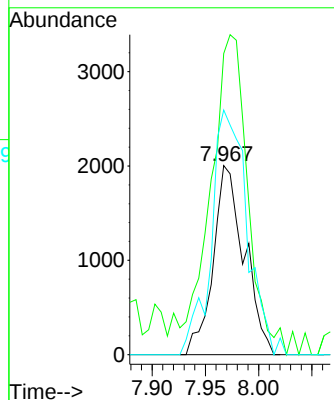


#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

Instrument :
MSVOA_D
ClientSampleId :

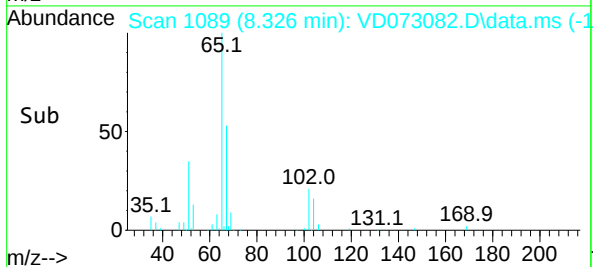
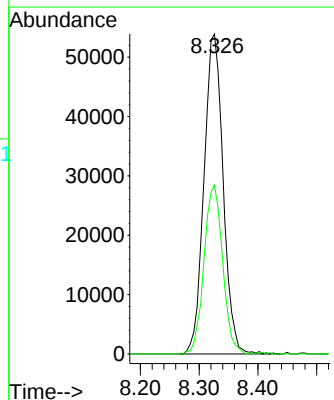
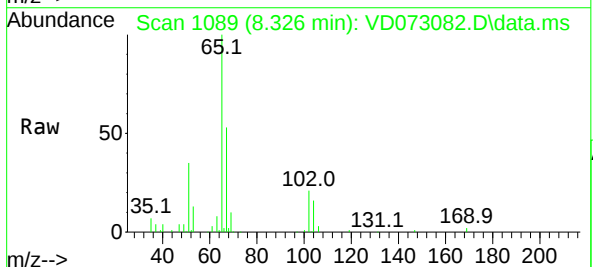


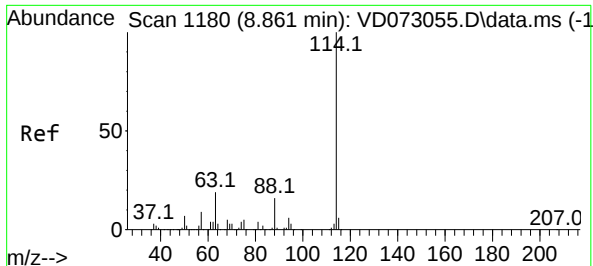
Tgt Ion: 56 Resp: 4079
Ion Ratio Lower Upper
56 100
69 145.0 25.4 38.2#
84 129.4 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 62.615 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

Tgt Ion: 65 Resp: 122061
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

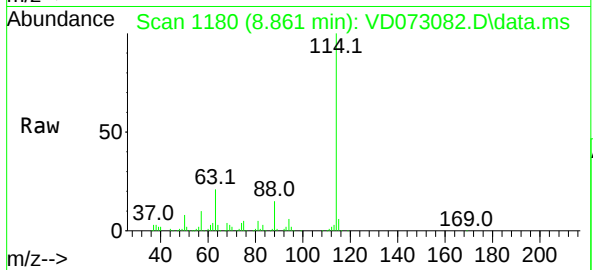
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Acq: 18 May 2022 04:11

Instrument :

MSVOA_D

ClientSampleId :



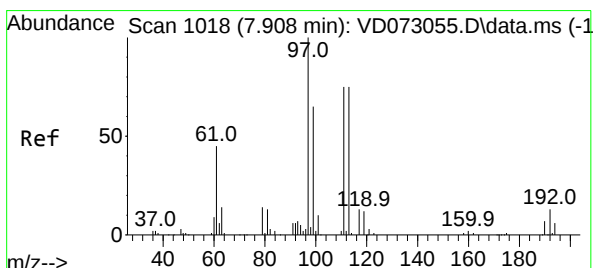
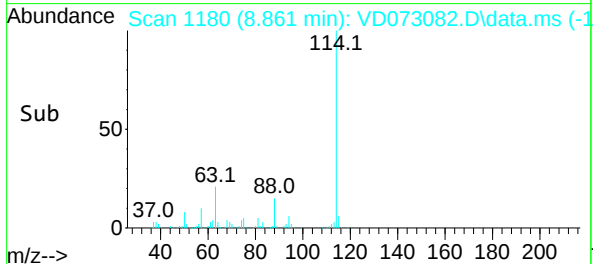
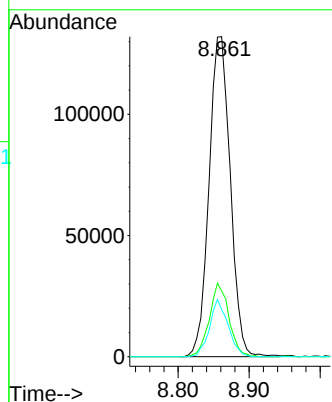
Tgt Ion:114 Resp: 274584

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 14.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 54.594 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073082.D

Acq: 18 May 2022 04:11

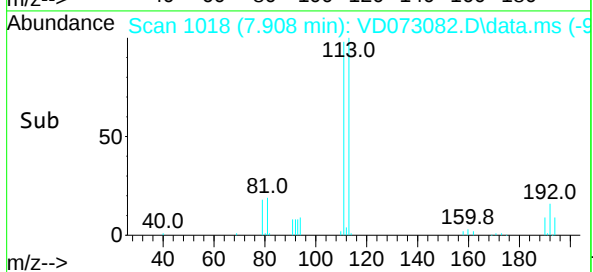
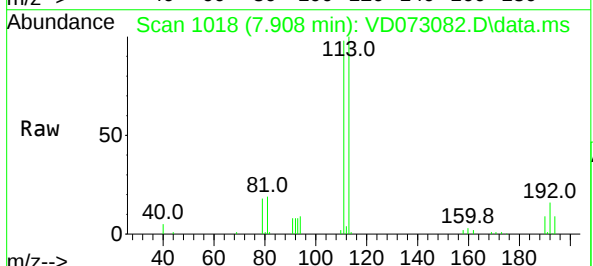
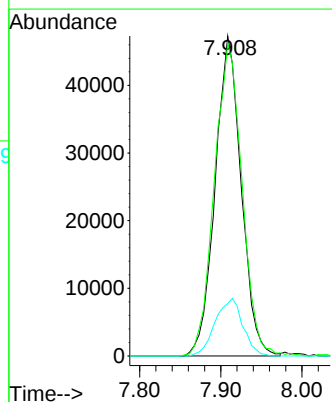
Tgt Ion:113 Resp: 105252

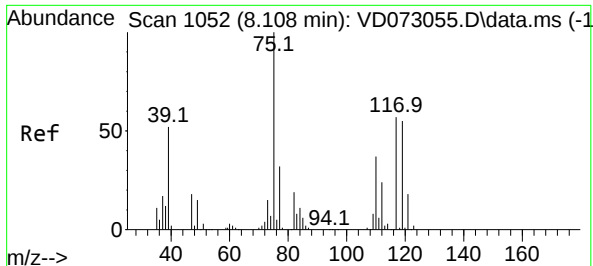
Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 19.0 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.183 ug/l

RT: 7.973 min Scan# 1

Delta R.T. -0.135 min

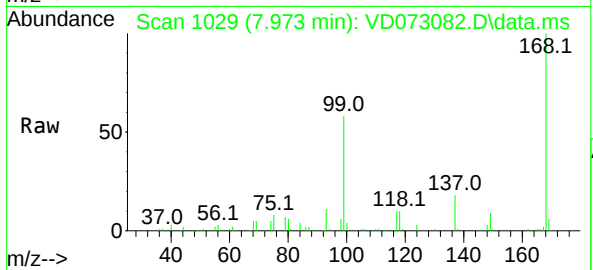
Lab File: VD073082.D

Acq: 18 May 2022 04:11

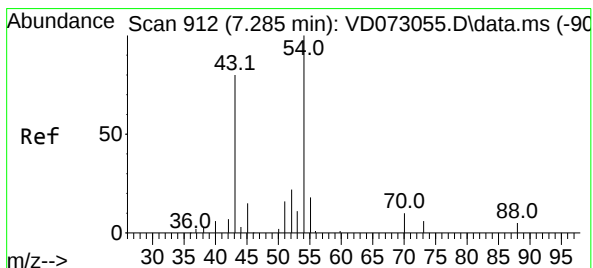
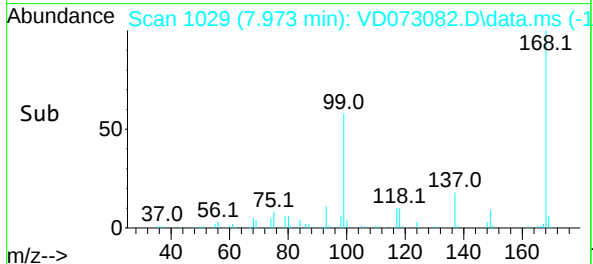
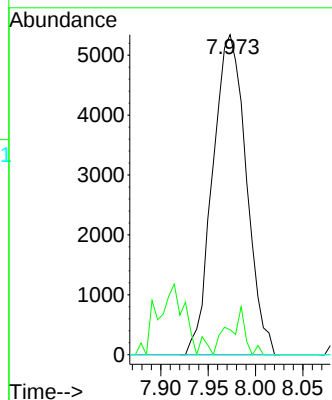
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	13140
Ion	Ratio	Lower	Upper
75	100		
110	7.3	16.4	49.1#
77	0.0	24.2	36.2#



#37

Ethyl Acetate

Concen: 1.620 ug/l

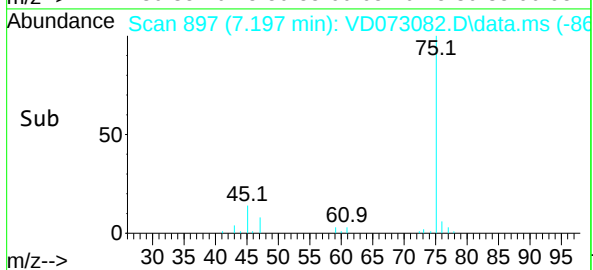
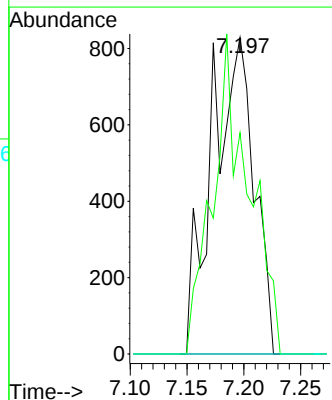
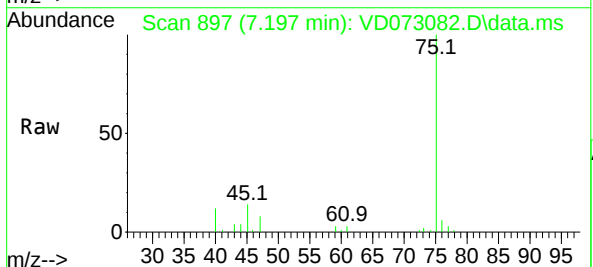
RT: 7.197 min Scan# 897

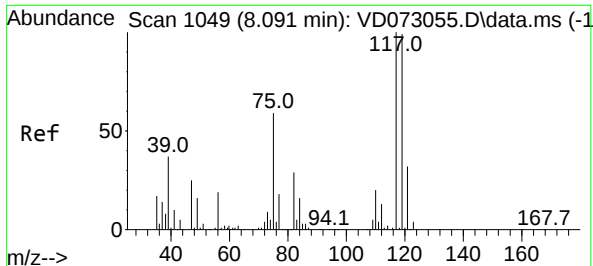
Delta R.T. -0.088 min

Lab File: VD073082.D

Acq: 18 May 2022 04:11

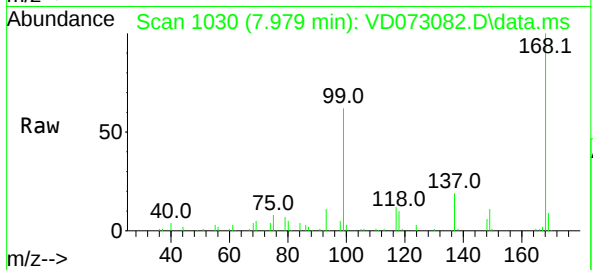
Tgt Ion:	43	Resp:	2137
Ion	Ratio	Lower	Upper
43	100		
61	86.5	9.8	14.8#
70	0.0	6.9	10.3#



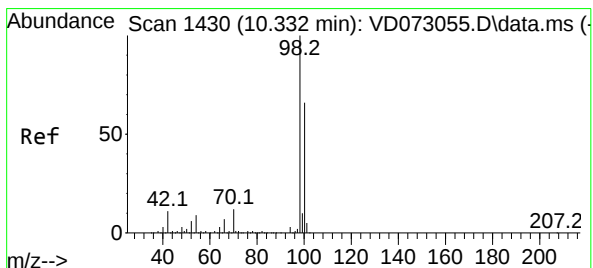
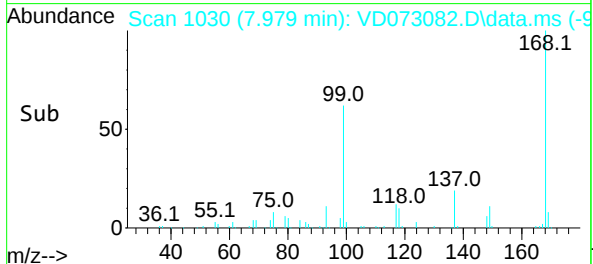
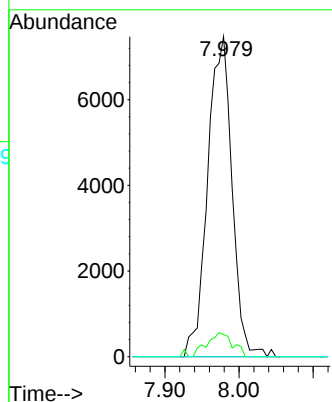


#38
Carbon Tetrachloride
Concen: 5.310 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

Instrument :
MSVOA_D
ClientSampleId :

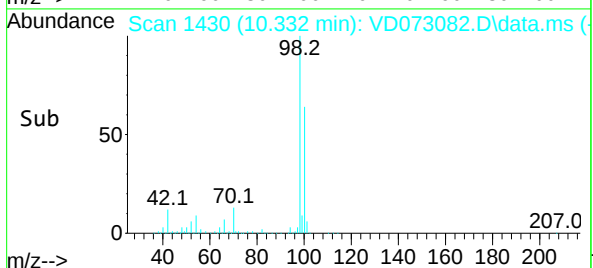
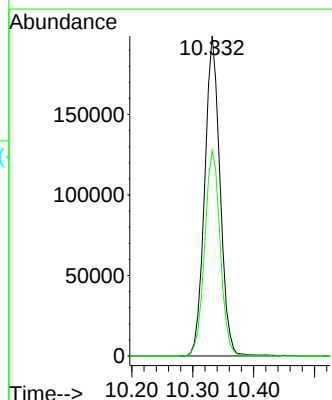
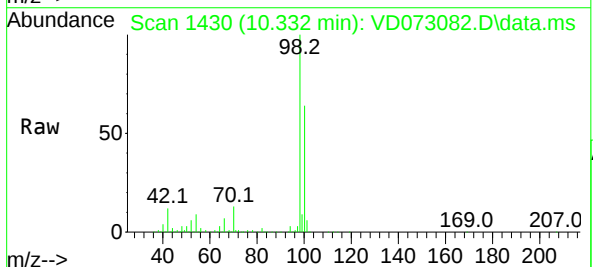


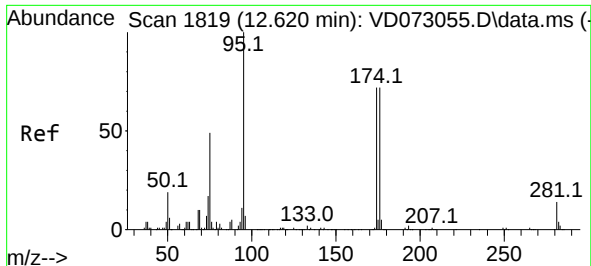
Tgt Ion:117 Resp: 17064
Ion Ratio Lower Upper
117 100
119 6.9 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.787 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

Tgt Ion: 98 Resp: 348213
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6

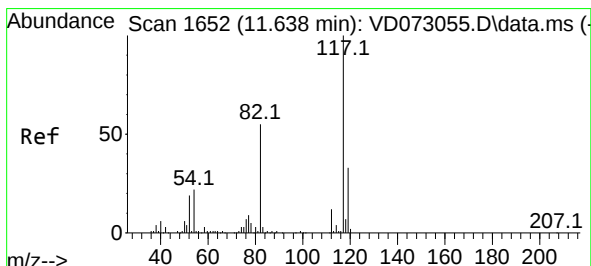
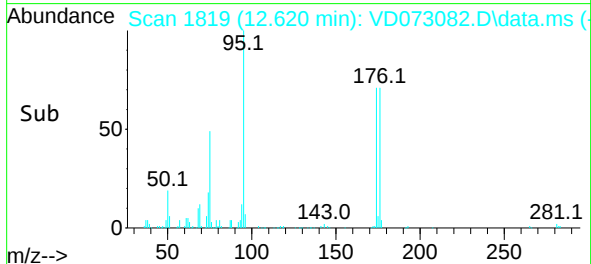
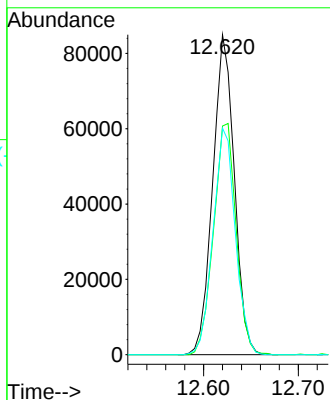
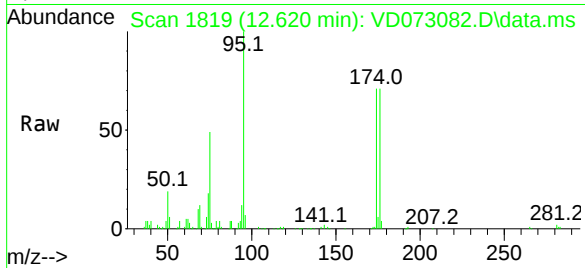




#62
4-Bromofluorobenzene
Concen: 53.101 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

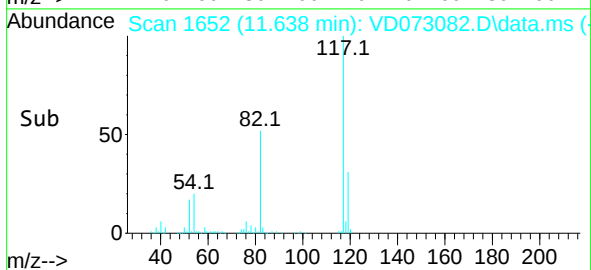
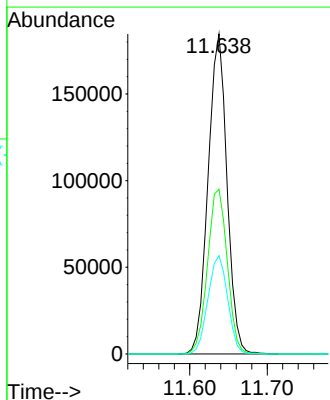
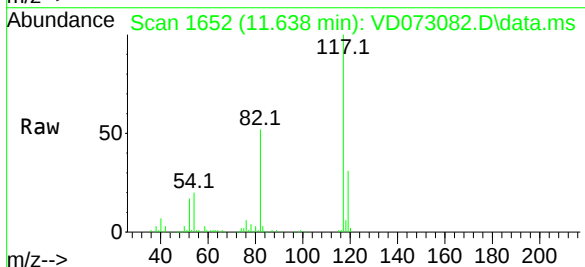
Instrument :
MSVOA_D
ClientSampleId :

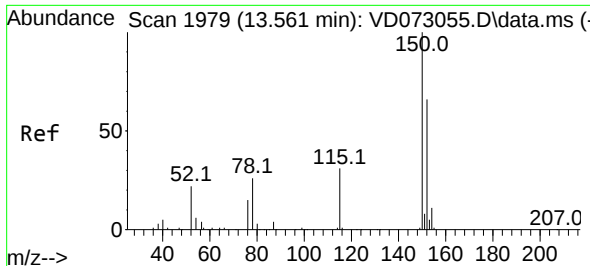
Tgt Ion: 95 Resp: 134515
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.8
176 73.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

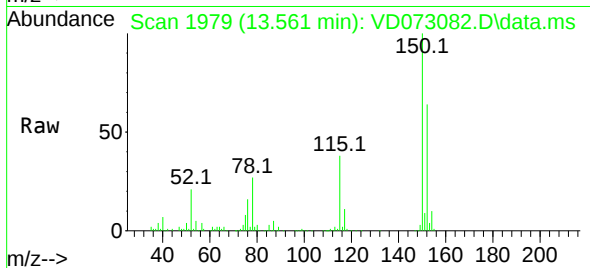
Tgt Ion: 117 Resp: 313570
Ion Ratio Lower Upper
117 100
82 51.5 45.3 67.9
119 30.8 26.6 40.0



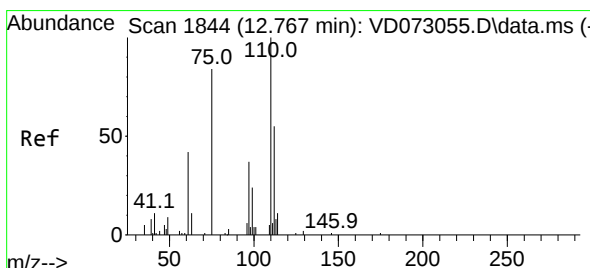
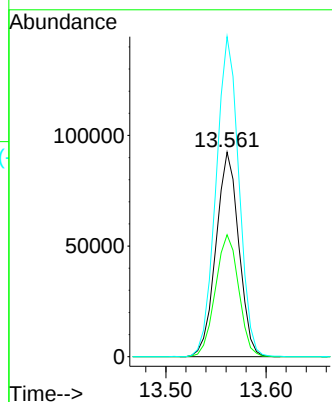
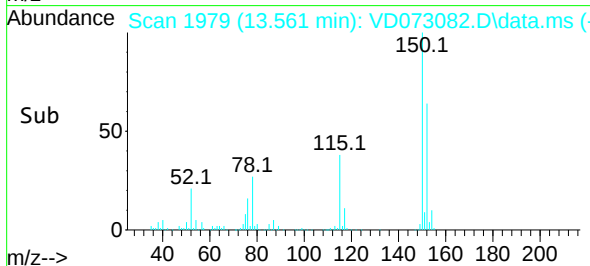


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073082.D
 Acq: 18 May 2022 04:11

Instrument :
 MSVOA_D
 ClientSampleId :

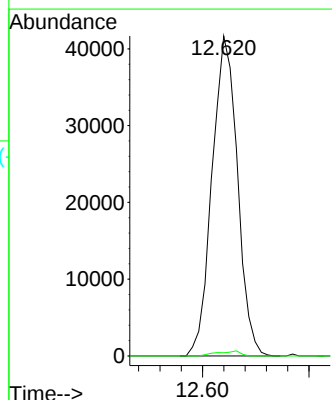
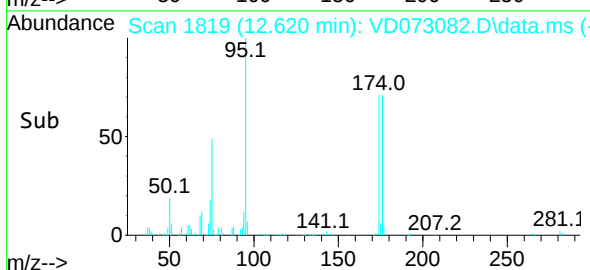
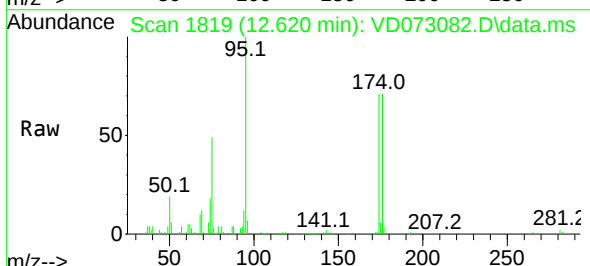


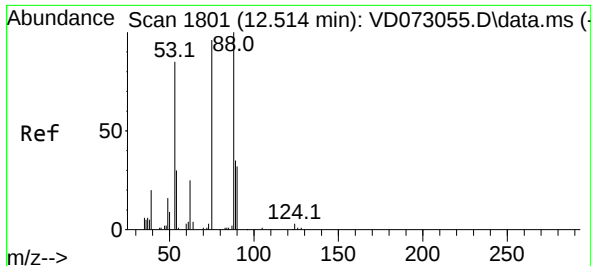
Tgt Ion:152 Resp: 146188
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.3 93.8
 150 156.6 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 41.756 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073082.D
 Acq: 18 May 2022 04:11

Tgt Ion: 75 Resp: 69004
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

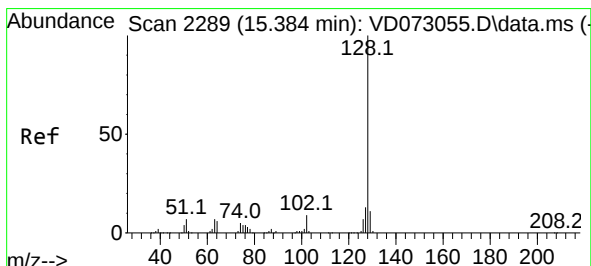
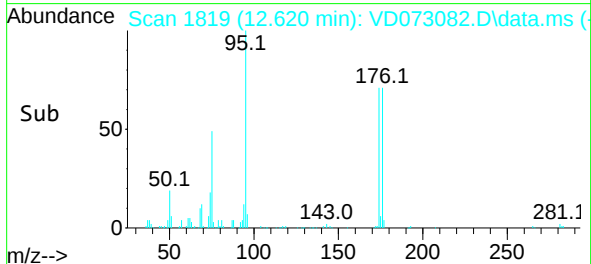
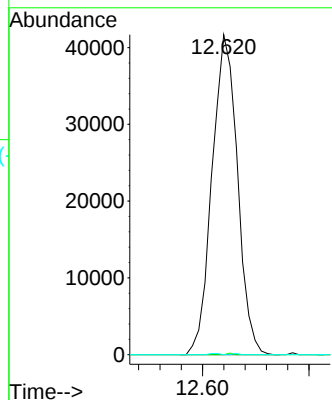
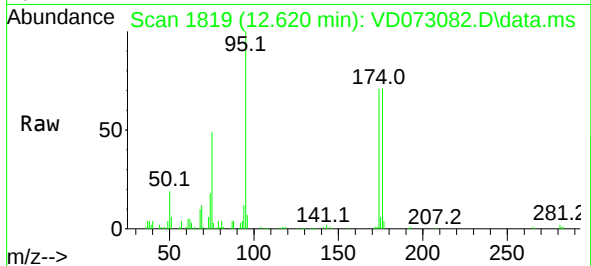




#81
trans-1,4-Dichloro-2-butene
Concen: 100.121 ug/l
RT: 12.620 min Scan# 1801
Delta R.T. 0.106 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 69004
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 4.403 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

Tgt Ion:128 Resp: 891
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

