

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073410.D
 Acq On : 27 May 2022 14:42
 Operator : VA/SY
 Sample : N3080-01
 Misc : 4.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 28 09:44:11 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)

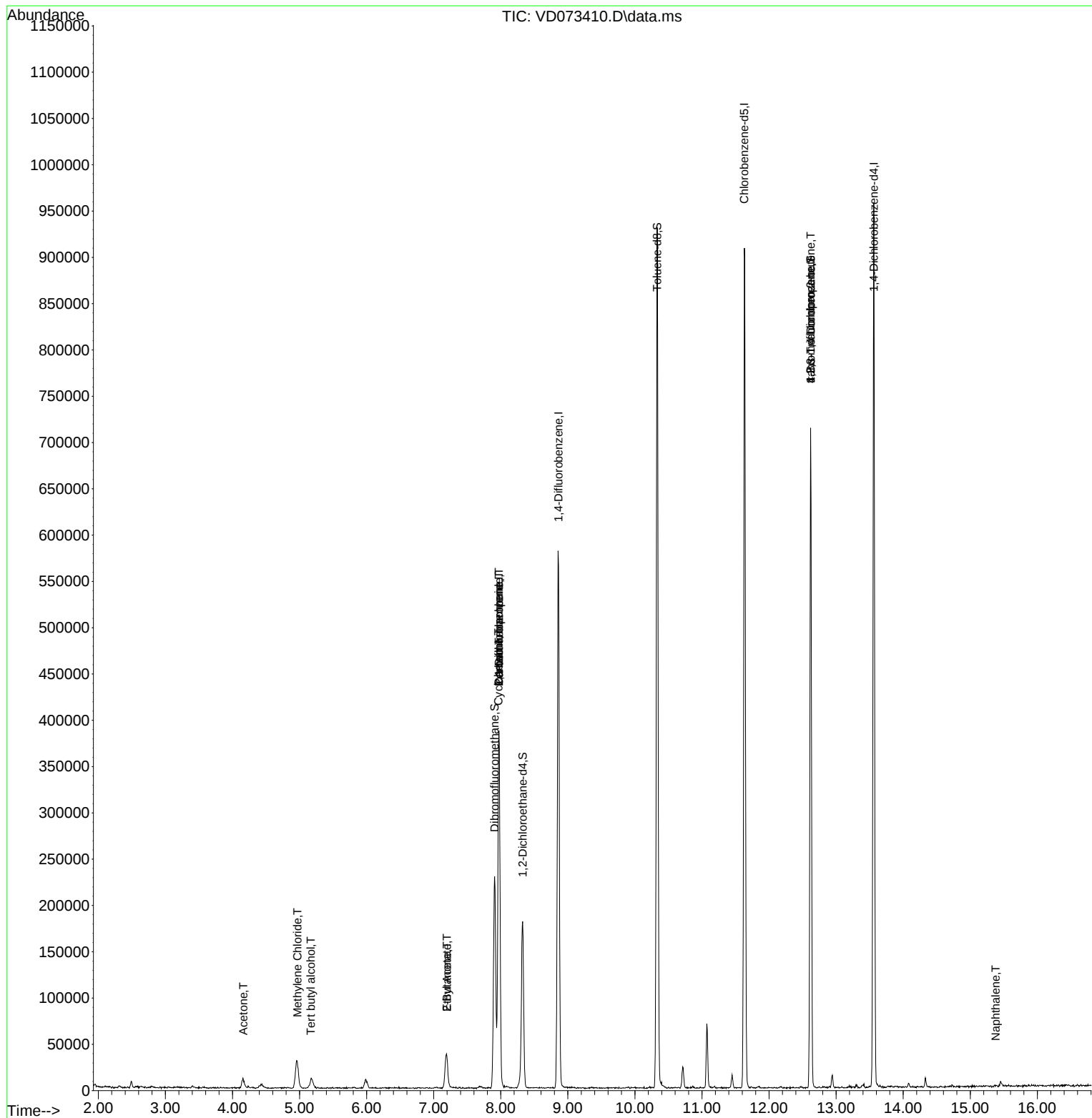
Internal Standards						
1) Pentafluorobenzene	7.973	168	279014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	498336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	534592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	244095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	145284	47.117	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.240%			
35) Dibromofluoromethane	7.908	113	167444	50.920	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.840%			
50) Toluene-d8	10.332	98	618980	51.064	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.120%			
62) 4-Bromofluorobenzene	12.620	95	228722	53.766	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.540%			
Target Compounds						Qvalue
5) Bromomethane	2.773	94	219	Below Cal		91
11) Tert butyl alcohol	5.167	59	9257	19.350 ug/l #		74
16) Acetone	4.161	43	17618	32.987 ug/l #		83
20) Methylene Chloride	4.967	84	23242	3.117 ug/l		89
25) 2-Butanone	7.197	43	4848	6.204 ug/l #		73
31) Cyclohexane	7.967	56	6964	1.292 ug/l #		9
36) 1,1-Dichloropropene	7.973	75	22848	4.620 ug/l #		50
37) Ethyl Acetate	7.197	43	4848	2.482 ug/l #		72
38) Carbon Tetrachloride	7.973	117	30229	6.030 ug/l #		16
76) 1,2,3-Trichloropropane	12.620	75	112320	46.898 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.620	75	112320	112.587 ug/l #		7
95) Naphthalene	15.379	128	227	3.568 ug/l #		70

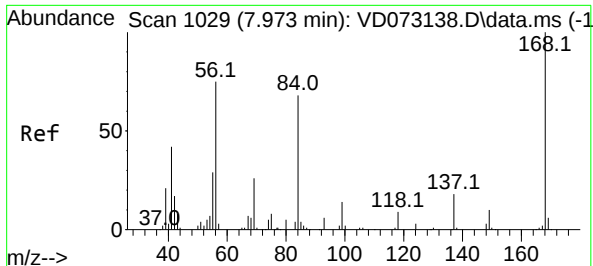
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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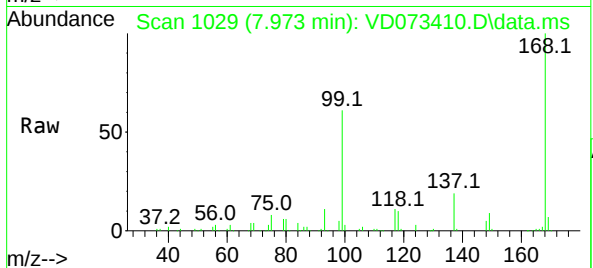
Quant Time: May 28 09:44:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



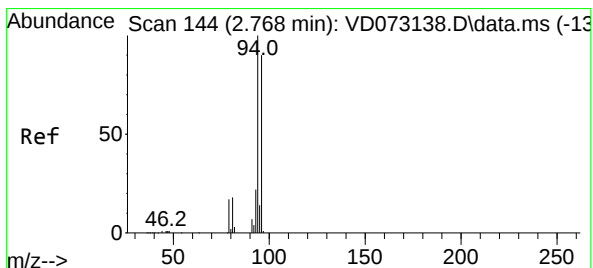
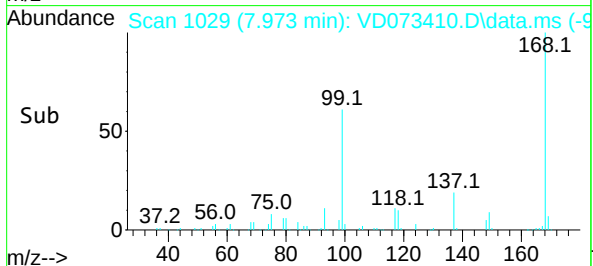
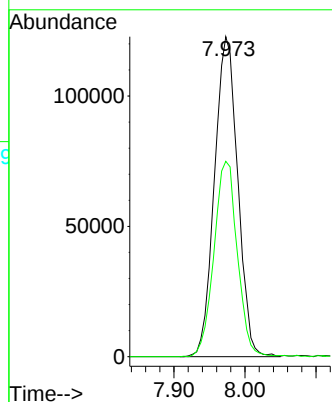


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

Instrument :
MSVOA_D
ClientSampleId :

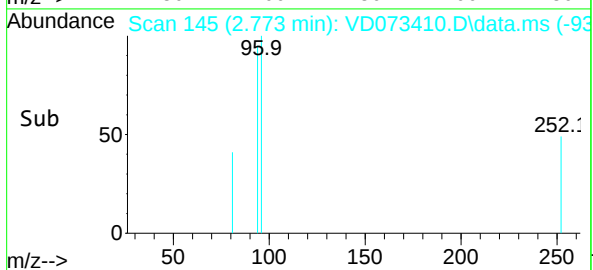
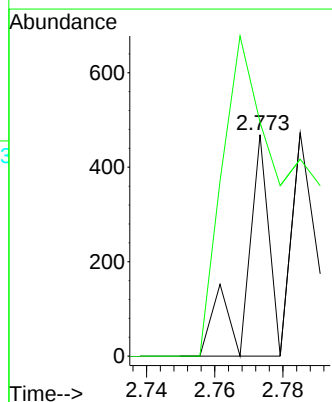
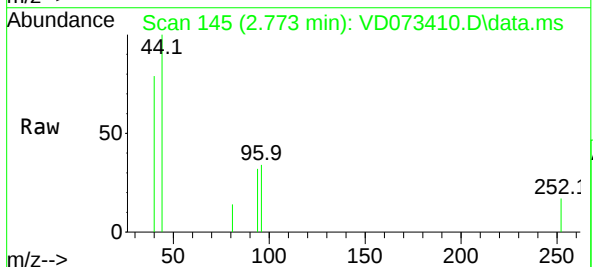


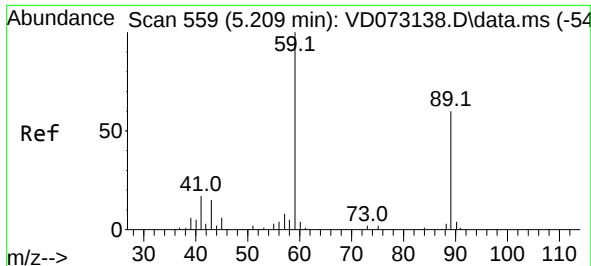
Tgt Ion:168 Resp: 279014
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

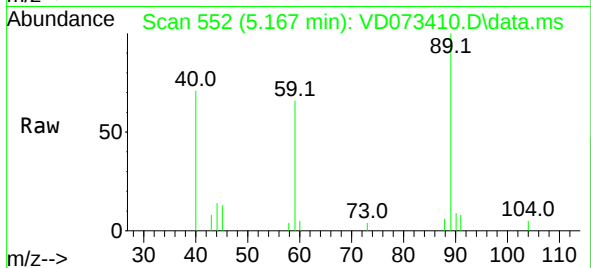
Tgt Ion: 94 Resp: 219
Ion Ratio Lower Upper
94 100
96 105.5 77.6 116.4



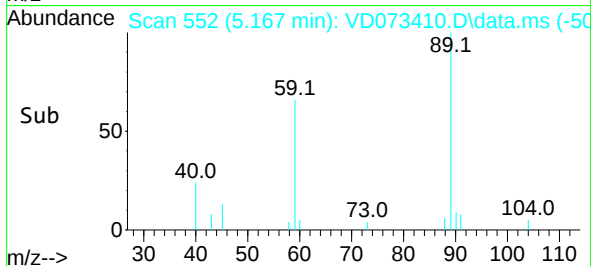
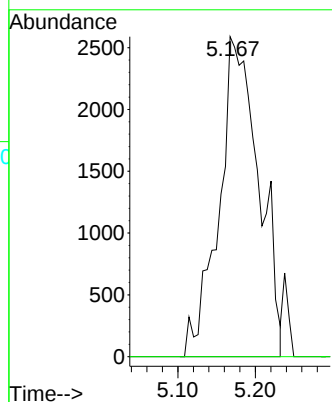


#11
Tert butyl alcohol
Concen: 19.350 ug/l
RT: 5.167 min Scan# 51
Delta R.T. -0.042 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

Instrument :
MSVOA_D
ClientSampleId :

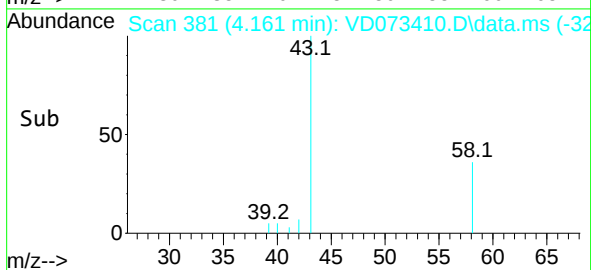
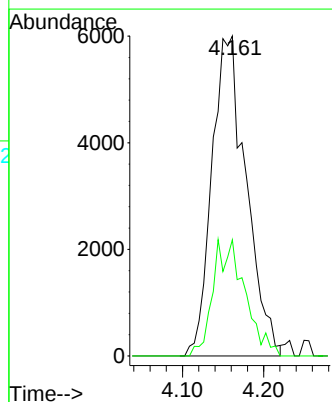
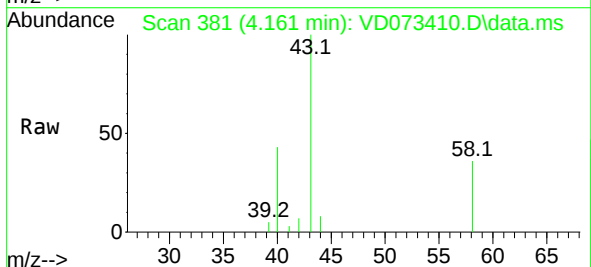


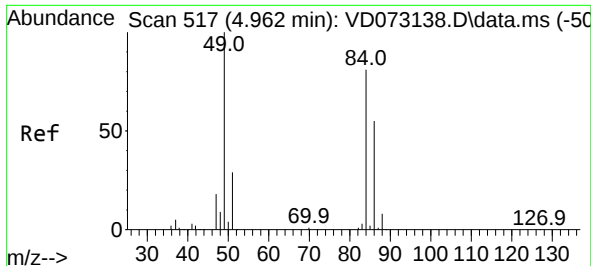
Tgt Ion: 59 Resp: 9257
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 32.987 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

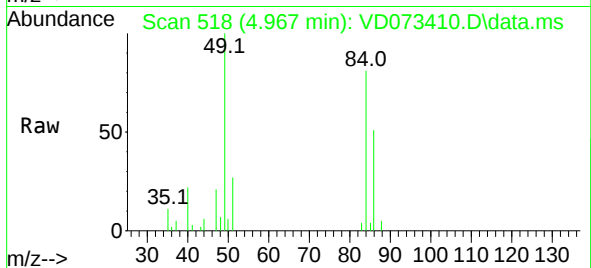
Tgt Ion: 43 Resp: 17618
Ion Ratio Lower Upper
43 100
58 36.3 22.1 33.1#



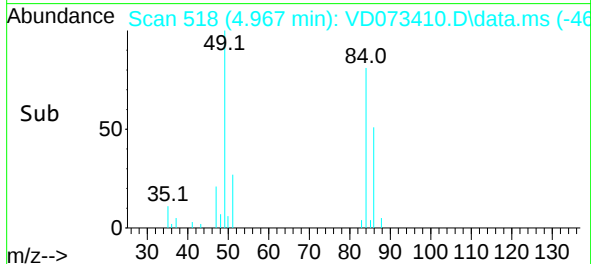
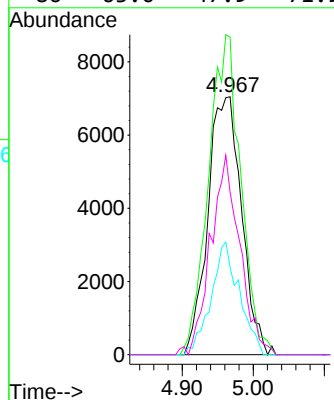


#20
Methylene Chloride
Concen: 3.117 ug/l
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

Instrument :
MSVOA_D
ClientSampleId :

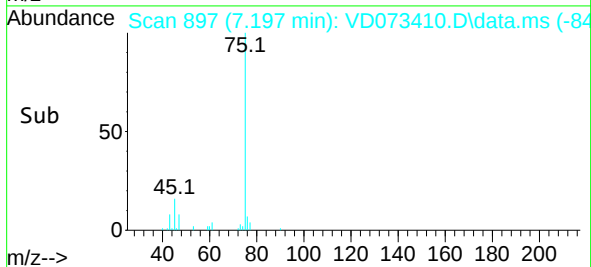
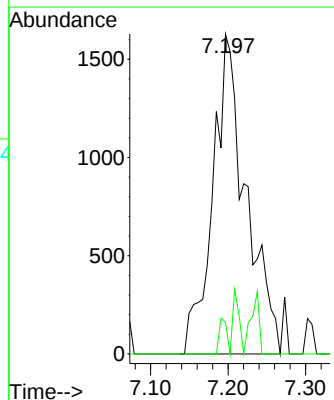
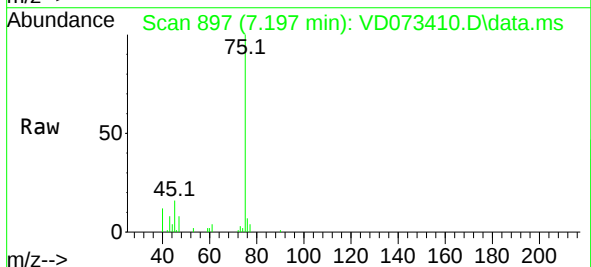


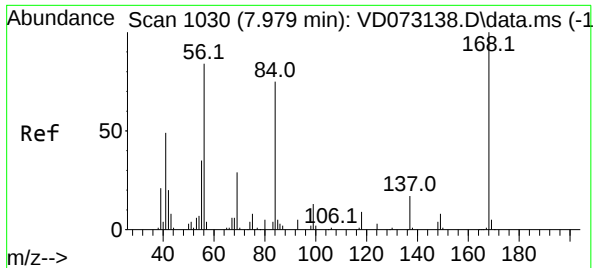
Tgt Ion:	84	Resp:	23242
Ion	Ratio	Lower	Upper
84	100		
49	123.2	112.8	169.2
51	33.8	32.6	48.8
86	63.0	47.9	71.9



#25
2-Butanone
Concen: 6.204 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.011 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

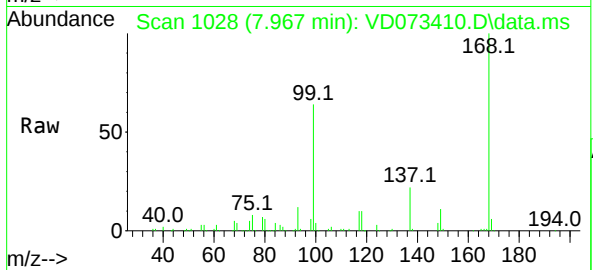
Tgt Ion:	43	Resp:	4848
Ion	Ratio	Lower	Upper
43	100		
72	9.8	18.6	27.8#



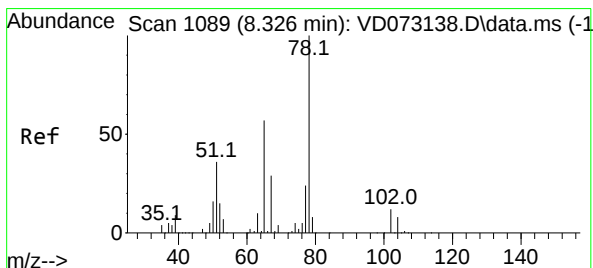
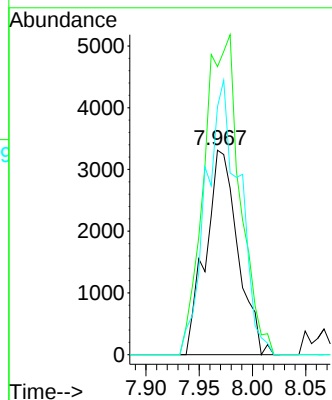
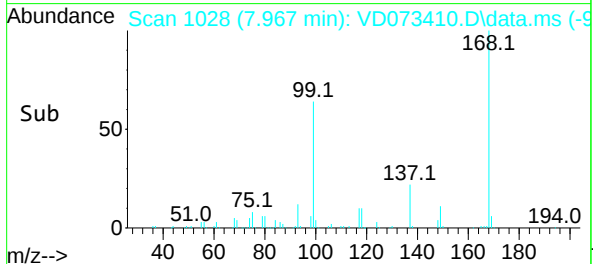


#31
Cyclohexane
Concen: 1.292 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

Instrument :
MSVOA_D
ClientSampleId :

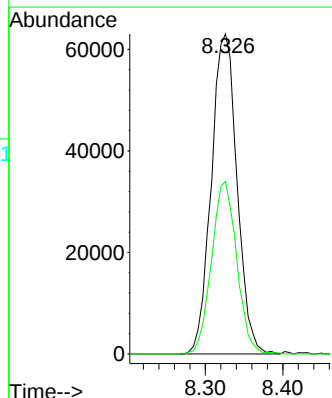
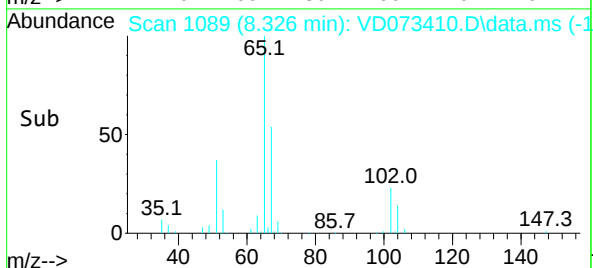
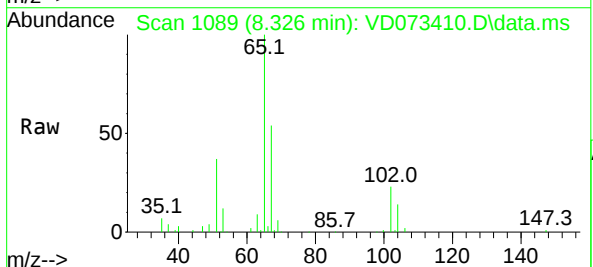


Tgt Ion: 56 Resp: 6964
Ion Ratio Lower Upper
56 100
69 140.8 25.4 38.2#
84 121.2 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 47.117 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

Tgt Ion: 65 Resp: 145284
Ion Ratio Lower Upper
65 100
67 52.8 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: VD073410.D

Acq: 27 May 2022 14:42

Instrument :

MSVOA_D

ClientSampleId :

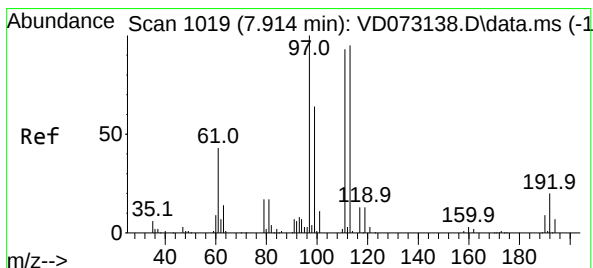
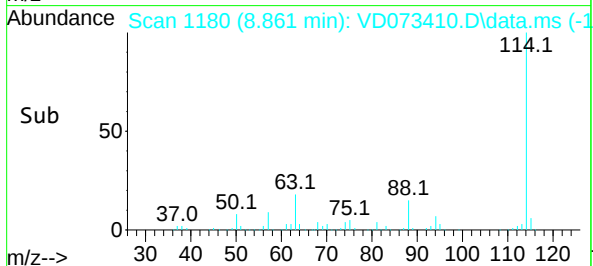
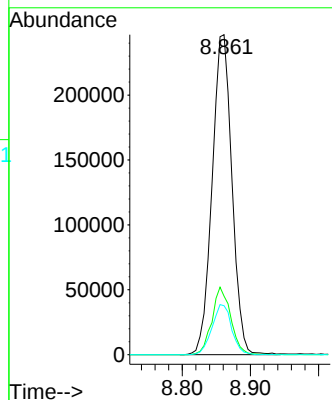
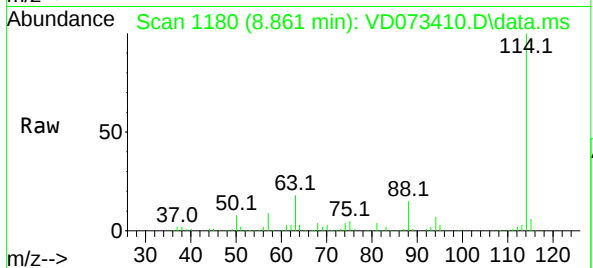
Tgt Ion:114 Resp: 498336

Ion Ratio Lower Upper

114 100

63 18.3 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.920 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073410.D

Acq: 27 May 2022 14:42

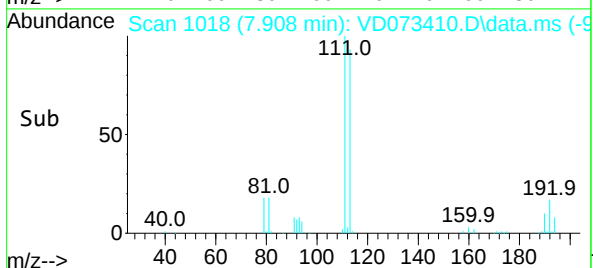
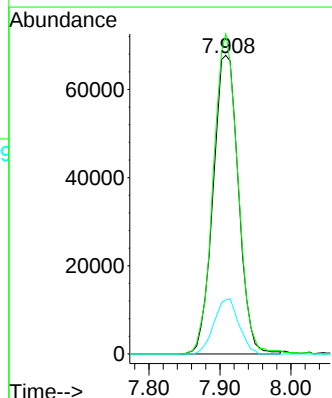
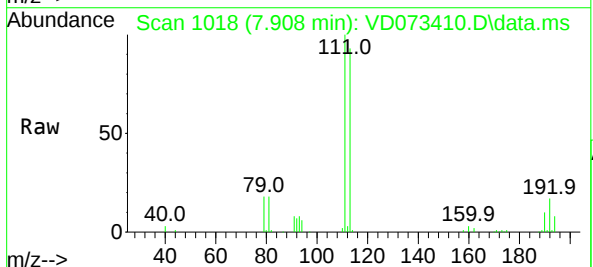
Tgt Ion:113 Resp: 167444

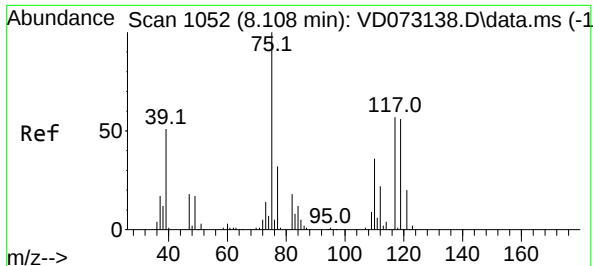
Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 18.1 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.620 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

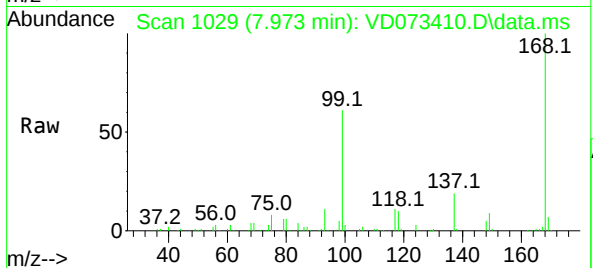
Lab File: VD073410.D

Acq: 27 May 2022 14:42

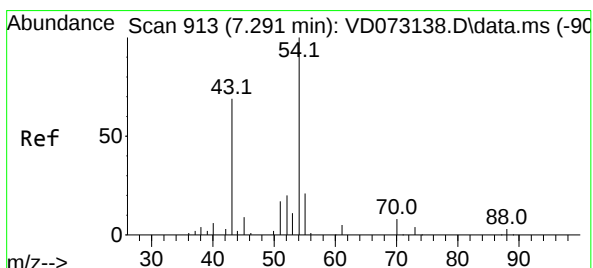
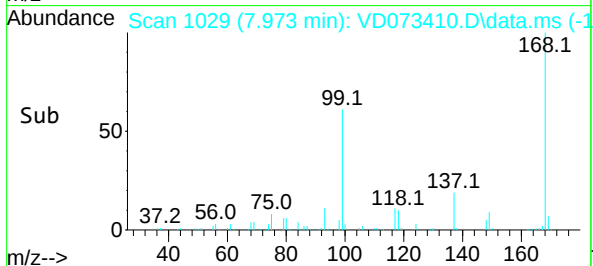
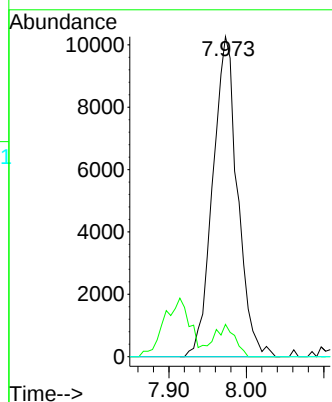
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	22848
Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.4	49.1#
77	0.0	24.2	36.2#



#37

Ethyl Acetate

Concen: 2.482 ug/l

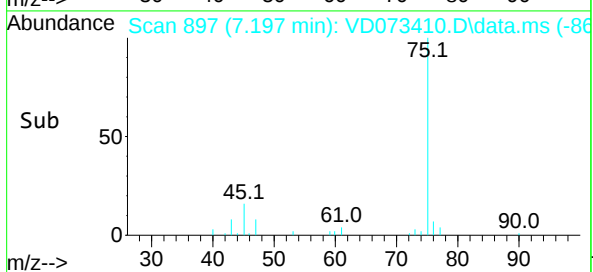
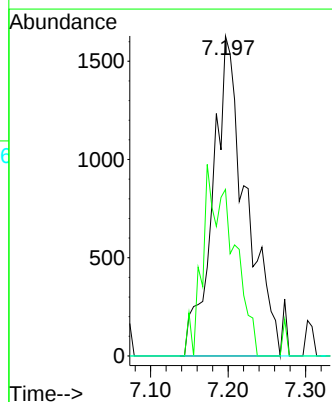
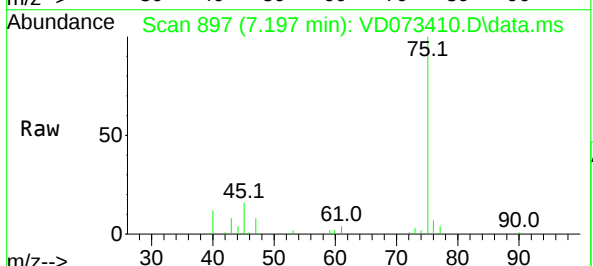
RT: 7.197 min Scan# 897

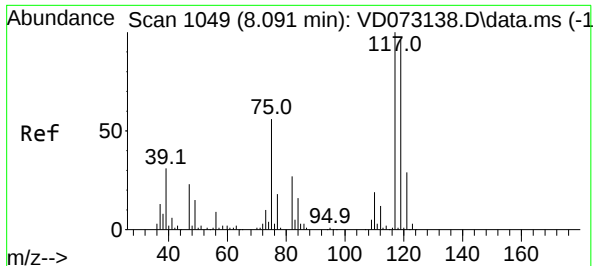
Delta R.T. -0.094 min

Lab File: VD073410.D

Acq: 27 May 2022 14:42

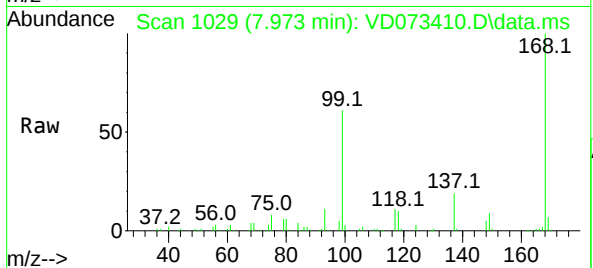
Tgt Ion:	43	Resp:	4848
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8#
70	0.0	6.9	10.3#



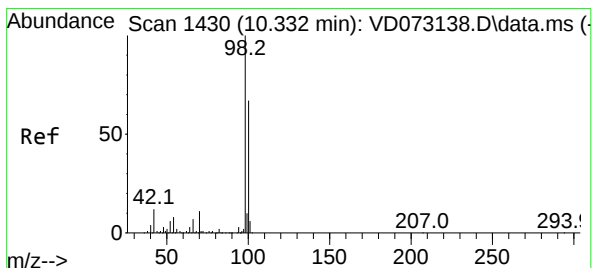
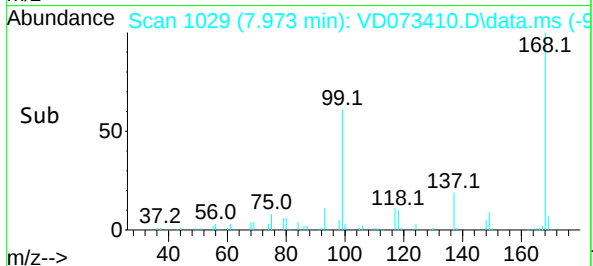
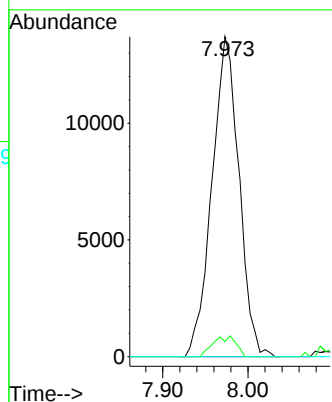


#38
Carbon Tetrachloride
Concen: 6.030 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

Instrument :
MSVOA_D
ClientSampleId :

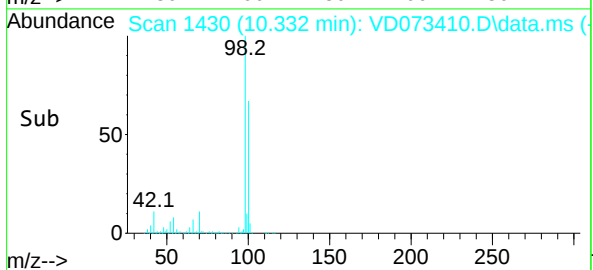
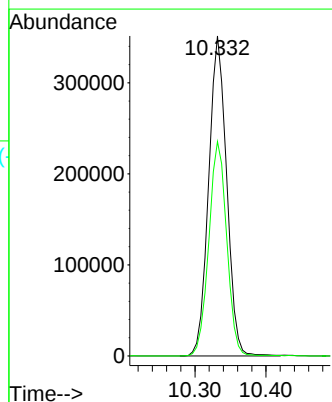
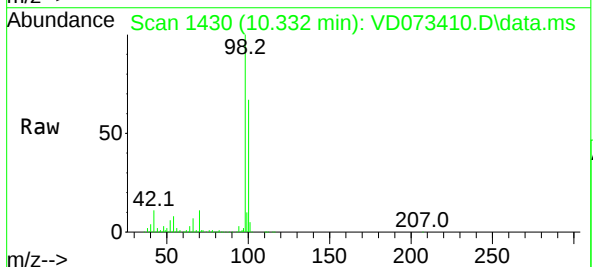


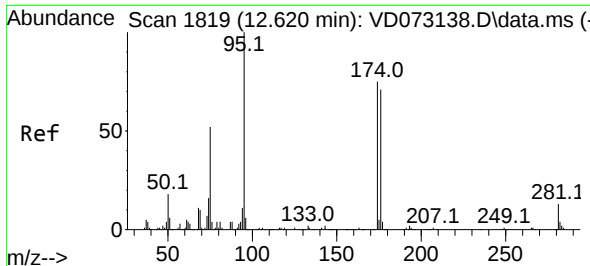
Tgt Ion:117 Resp: 30229
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.064 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

Tgt Ion: 98 Resp: 618980
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6

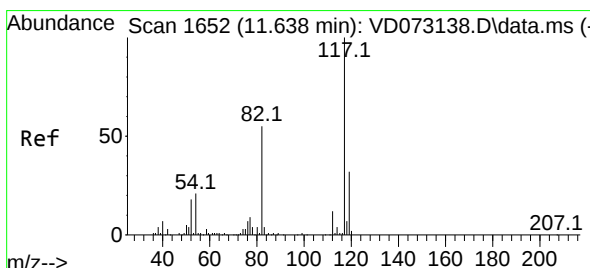
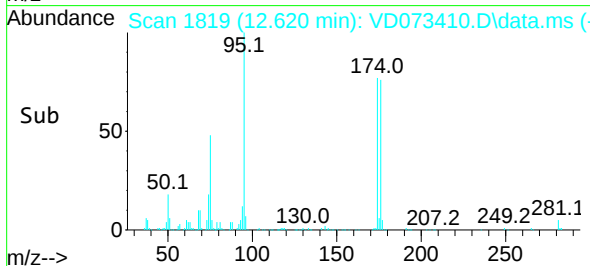
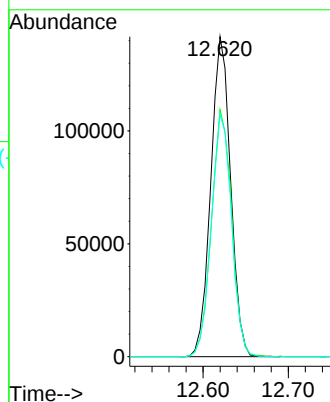
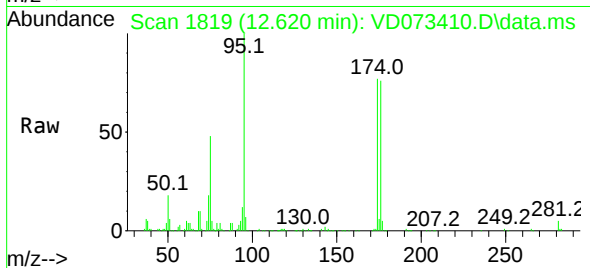




#62
4-Bromofluorobenzene
Concen: 53.766 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

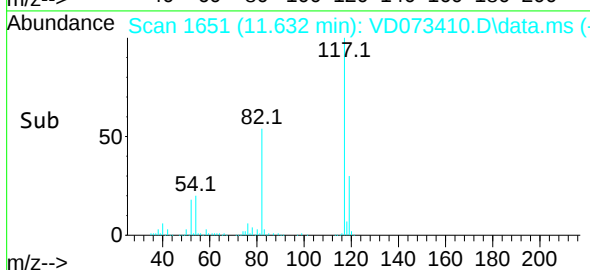
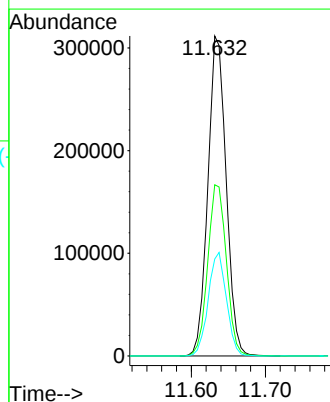
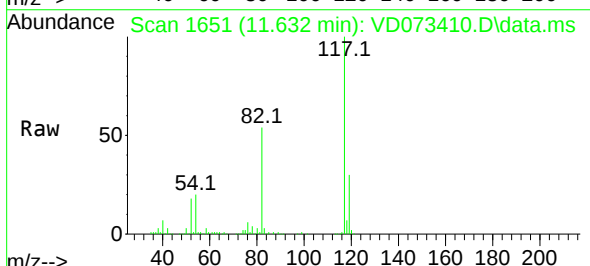
Instrument :
MSVOA_D
ClientSampleId :

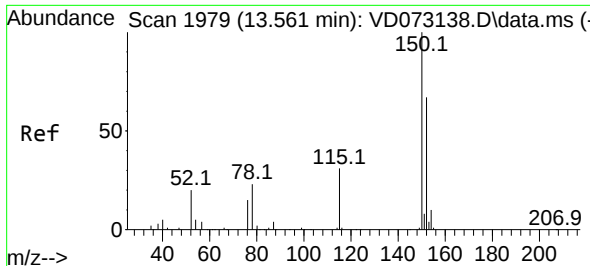
Tgt Ion: 95 Resp: 228722
Ion Ratio Lower Upper
95 100
174 78.9 0.0 152.8
176 77.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

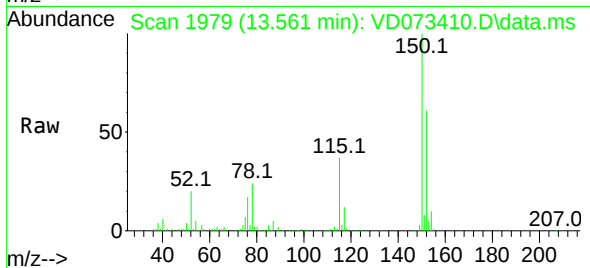
Tgt Ion: 117 Resp: 534592
Ion Ratio Lower Upper
117 100
82 53.5 45.3 67.9
119 30.3 26.6 40.0



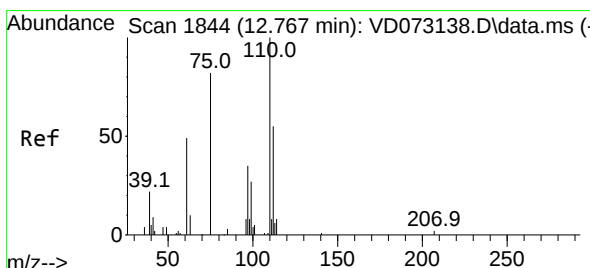
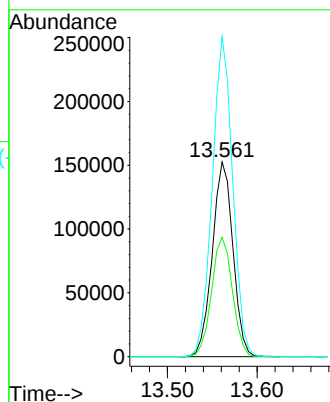
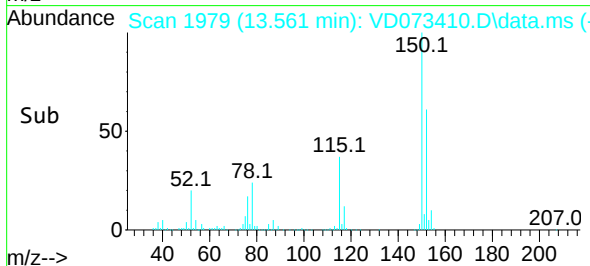


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: VD073410.D
 Acq: 27 May 2022 14:42

Instrument :
 MSVOA_D
 ClientSampleId :

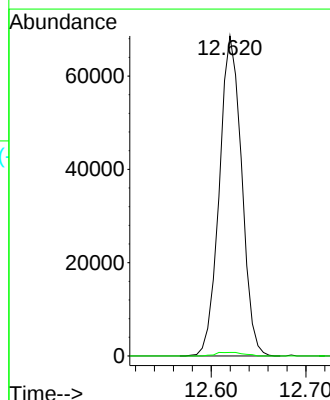
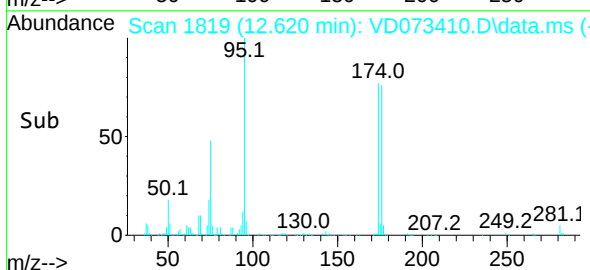
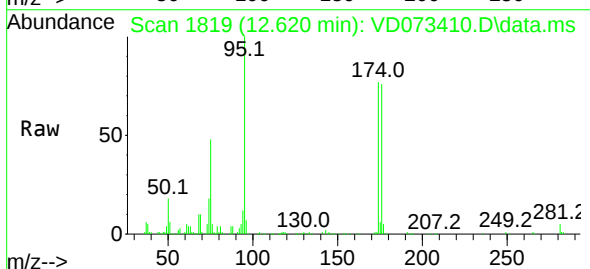


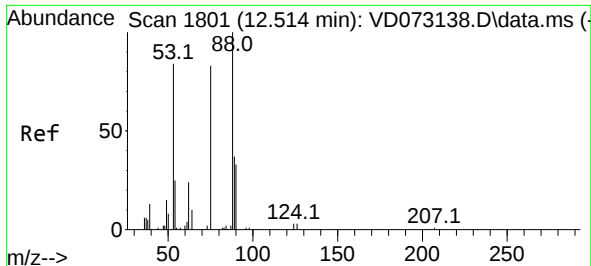
Tgt Ion:152 Resp: 244095
 Ion Ratio Lower Upper
 152 100
 115 61.8 31.3 93.8
 150 162.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 46.898 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073410.D
 Acq: 27 May 2022 14:42

Tgt Ion: 75 Resp: 112320
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

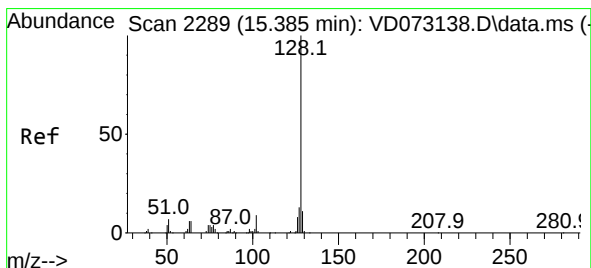
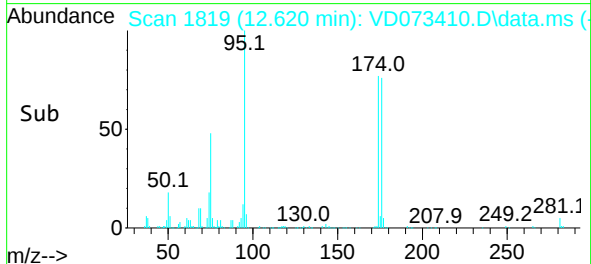
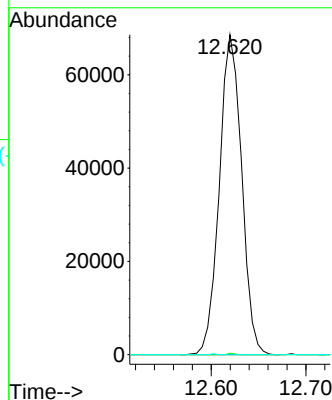
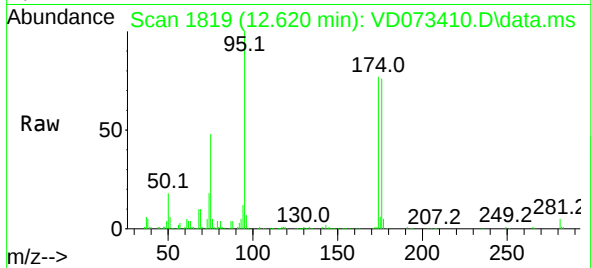




#81
trans-1,4-Dichloro-2-butene
Concen: 112.587 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 112320
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 3.568 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

Tgt Ion:128 Resp: 227
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

