

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076542.D
 Acq On : 22 Jun 2023 16:43
 Operator : KP/SY
 Sample : 03366-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB37

Quant Time: Jun 23 06:36:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

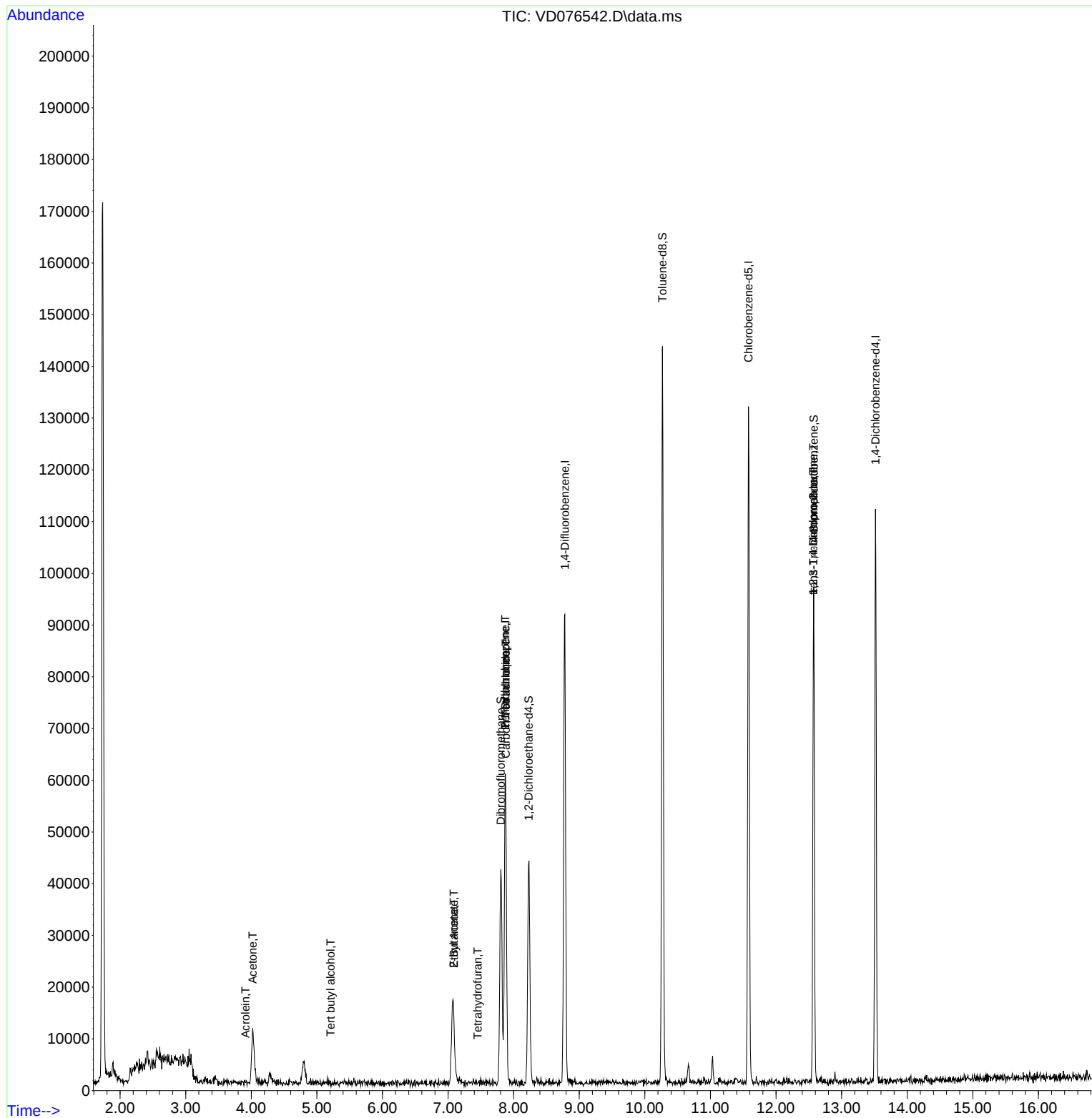
Internal Standards						
1) Pentafluorobenzene	7.875	168	47695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	78277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	72208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	29628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	33545	70.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.400%	
35) Dibromofluoromethane	7.805	113	29920	64.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.680%	
50) Toluene-d8	10.269	98	92709	52.569	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.140%	
62) 4-Bromofluorobenzene	12.575	95	27331	47.752	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.500%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.211	59	91	2.206	ug/l #	73
13) Acrolein	3.911	56	55	1.238	ug/l #	15
16) Acetone	4.022	43	18671	164.194	ug/l	93
20) Methylene Chloride	4.811	84	2855	Below Cal	#	89
25) 2-Butanone	7.087	43	6878	39.106	ug/l #	75
28) Bromochloromethane	7.493	49	53	Below Cal	#	1
29) Tetrahydrofuran	7.452	42	123	1.088	ug/l #	23
36) 1,1-Dichloropropene	7.875	75	3829	5.880	ug/l #	48
37) Ethyl Acetate	7.087	43	6878	18.227	ug/l #	70
38) Carbon Tetrachloride	7.881	117	4503	7.737	ug/l #	11
76) 1,2,3-Trichloropropane	12.569	75	14205	48.308	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	14205	105.854	ug/l #	17

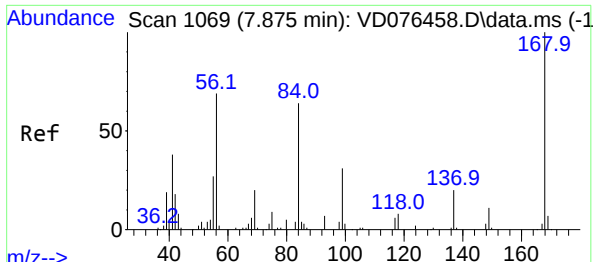
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
Data File : VD076542.D
Acq On : 22 Jun 2023 16:43
Operator : KP/SY
Sample : 03366-01
Misc : 5.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB37

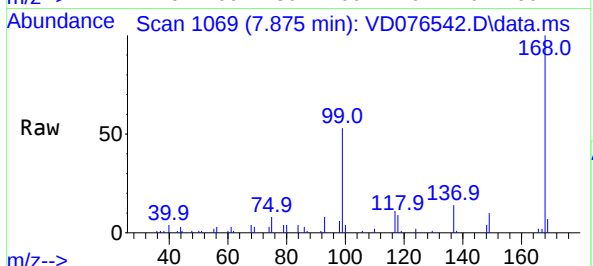
Quant Time: Jun 23 06:36:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration



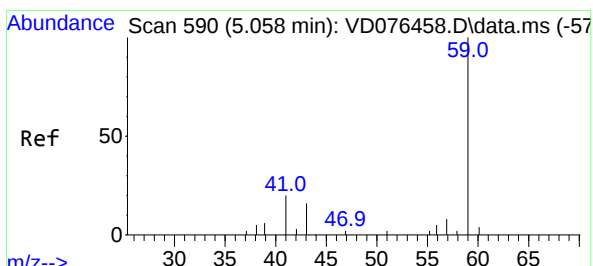
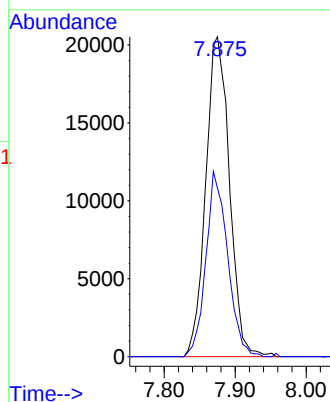
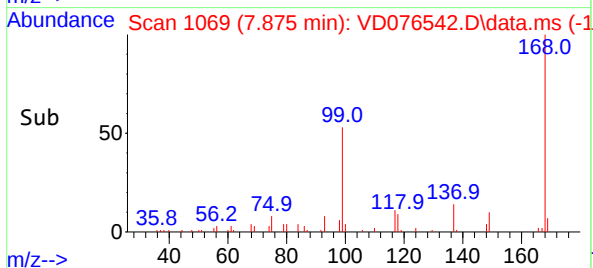


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
SB37

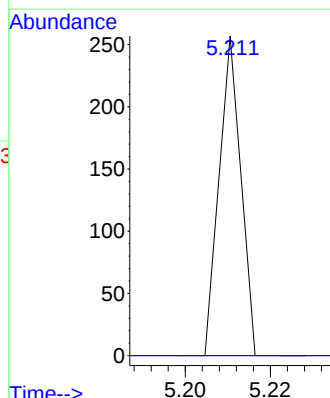
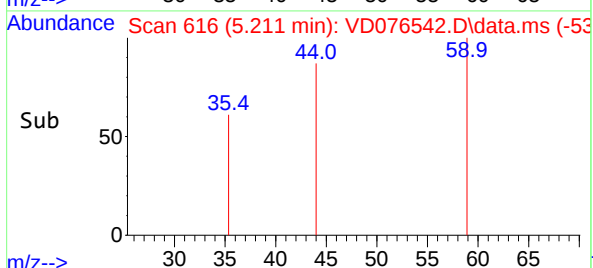
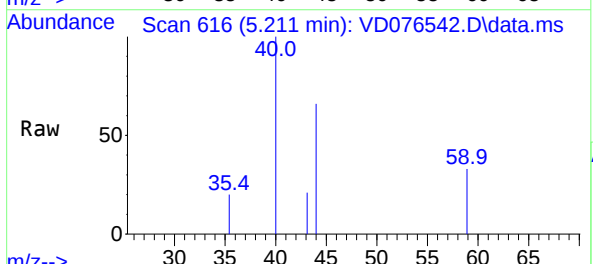


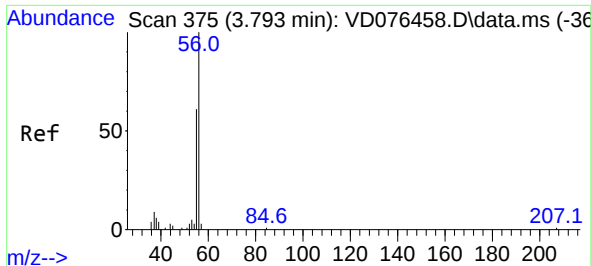
Tgt Ion:168 Resp: 47695
Ion Ratio Lower Upper
168 100
99 52.7 36.7 55.1



#11
Tert butyl alcohol
Concen: 2.206 ug/l
RT: 5.211 min Scan# 616
Delta R.T. 0.153 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Tgt Ion: 59 Resp: 91
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

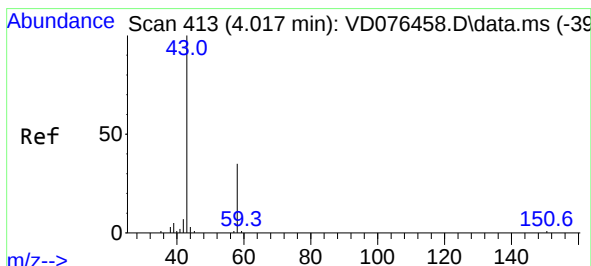
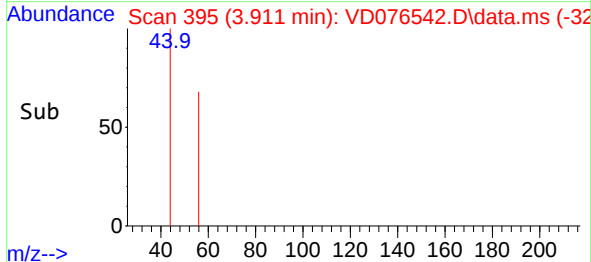
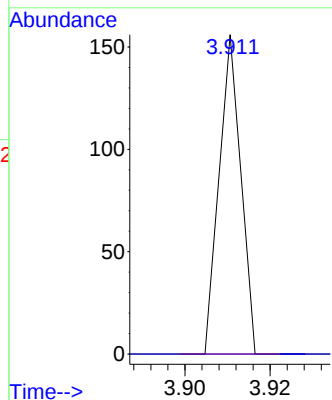
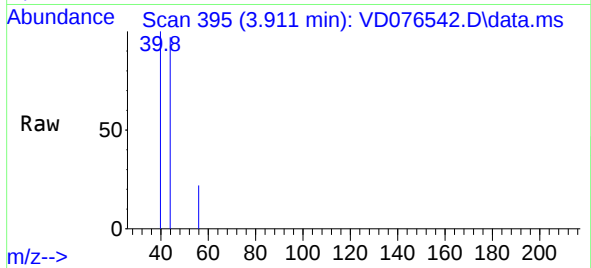




#13
Acrolein
Concen: 1.238 ug/l
RT: 3.911 min Scan# 395
Delta R.T. 0.118 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

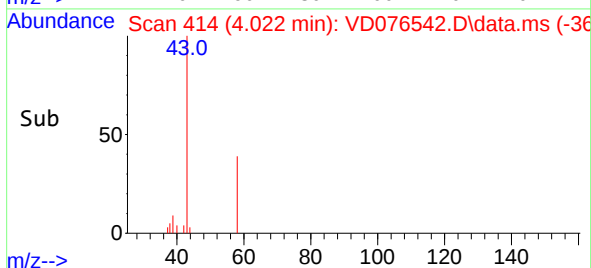
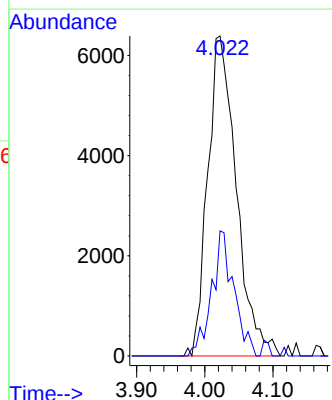
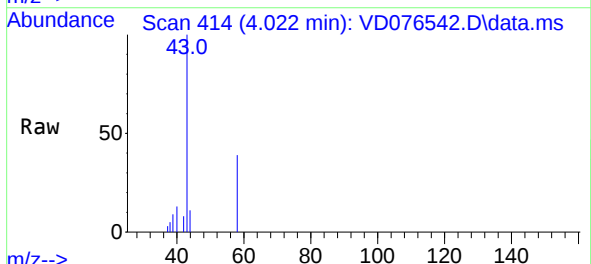
Instrument :
MSVOA_D
ClientSampleId :
SB37

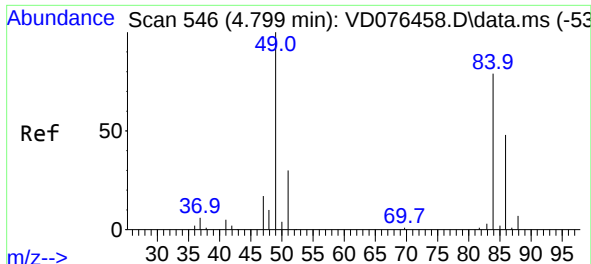
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 0.0 55.1 82.7#



#16
Acetone
Concen: 164.194 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Tgt Ion: 43 Resp: 18671
Ion Ratio Lower Upper
43 100
58 39.1 34.7 52.1



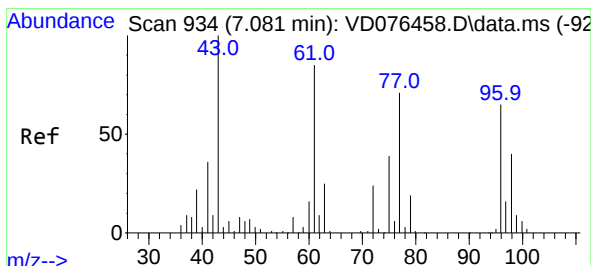
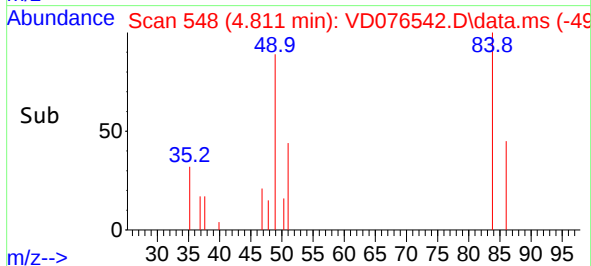
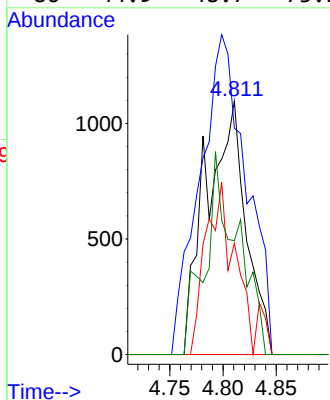
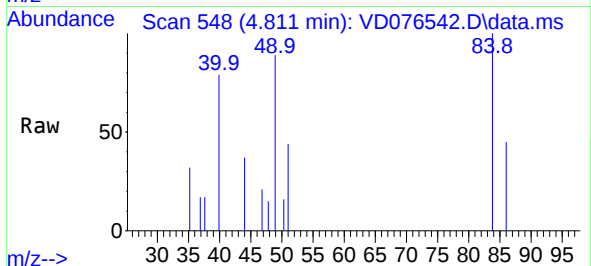


#20
Methylene Chloride
Concen: Below Cal
RT: 4.811 min Scan# 54
Delta R.T. 0.012 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
SB37

Tgt Ion: 84 Resp: 2855

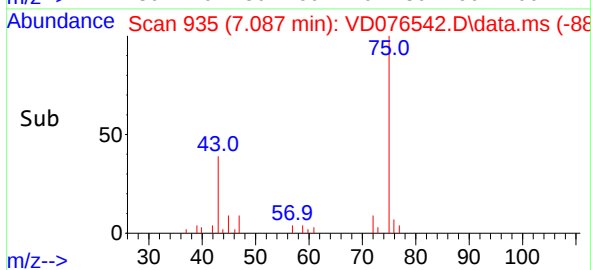
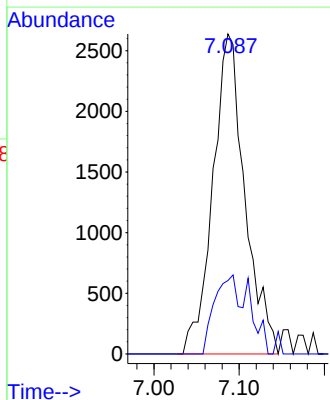
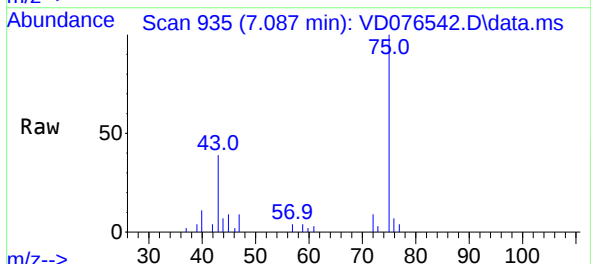
Ion	Ratio	Lower	Upper
84	100		
49	89.3	71.4	107.2
51	43.9	24.5	36.7#
86	44.9	48.7	73.1#

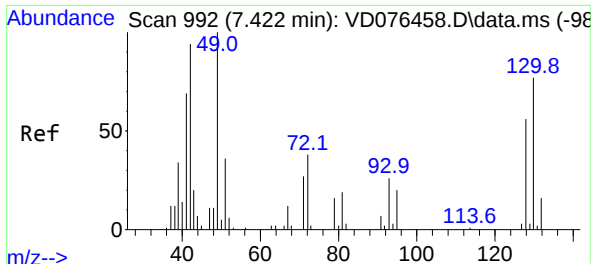


#25
2-Butanone
Concen: 39.106 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Tgt Ion: 43 Resp: 6878

Ion	Ratio	Lower	Upper
43	100		
72	23.0	30.7	46.1#

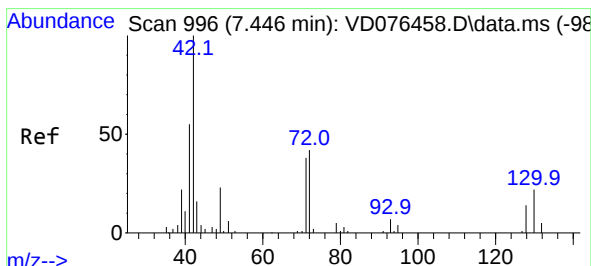
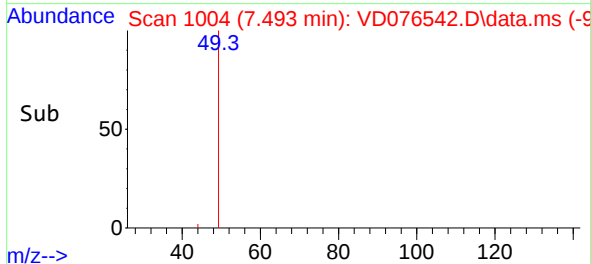
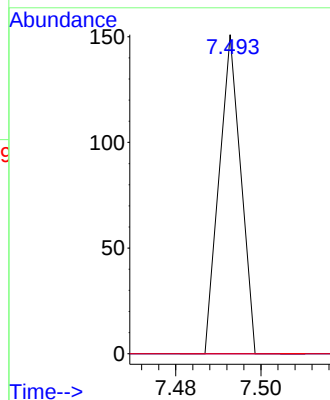
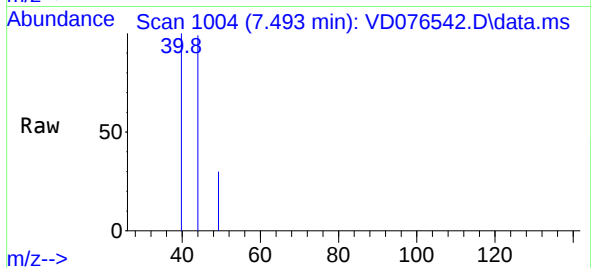




#28
Bromochloromethane
Concen: Below Cal
RT: 7.493 min Scan# 1004
Delta R.T. 0.071 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

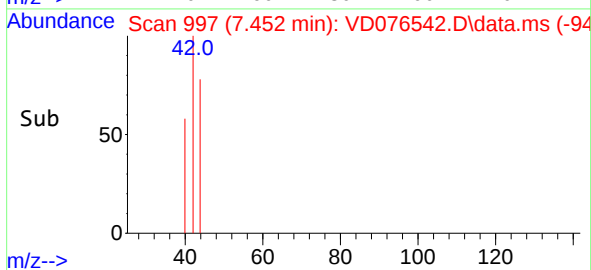
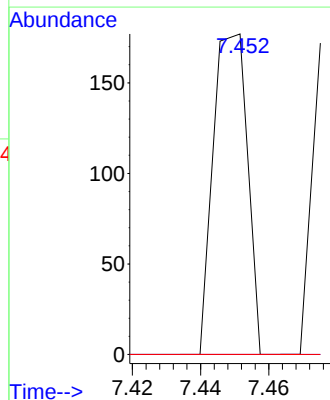
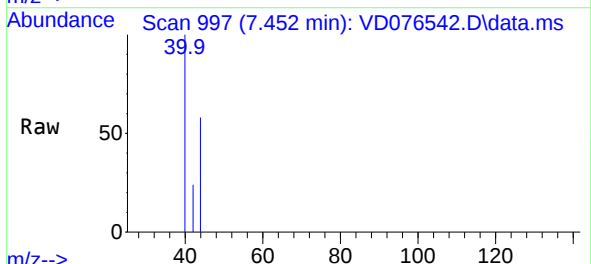
Instrument :
MSVOA_D
ClientSampleId :
SB37

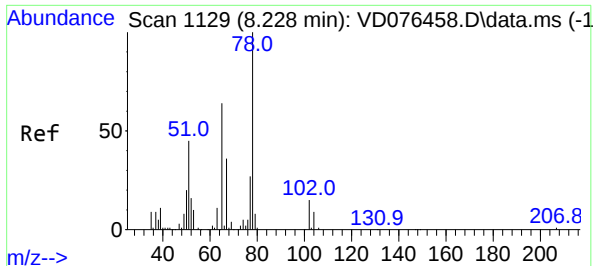
Tgt Ion: 49 Resp: 53
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#29
Tetrahydrofuran
Concen: 1.088 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Tgt Ion: 42 Resp: 123
Ion Ratio Lower Upper
42 100
72 0.0 46.5 69.7#
71 0.0 44.5 66.7#

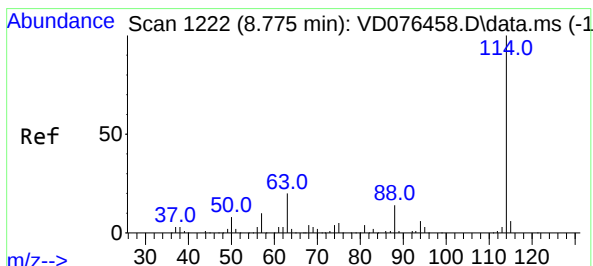
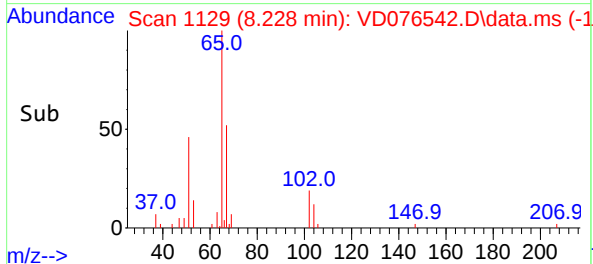
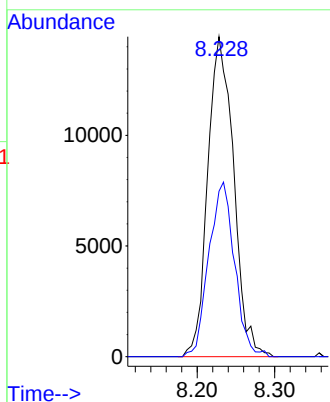
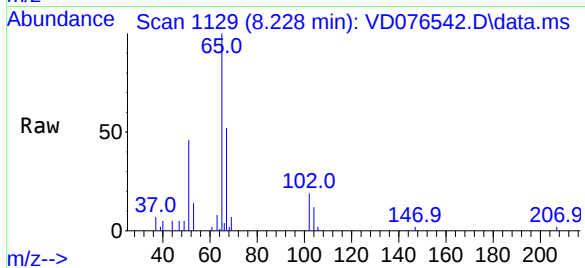




#33
1,2-Dichloroethane-d4
Concen: 70.198 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

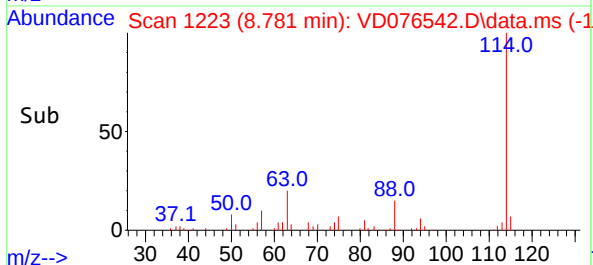
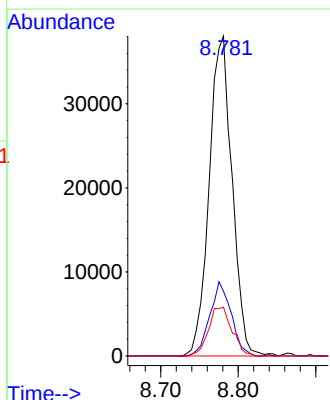
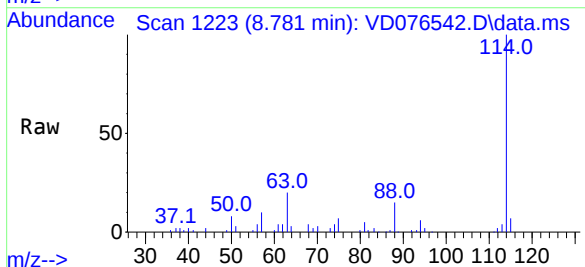
Instrument :
MSVOA_D
ClientSampleId :
SB37

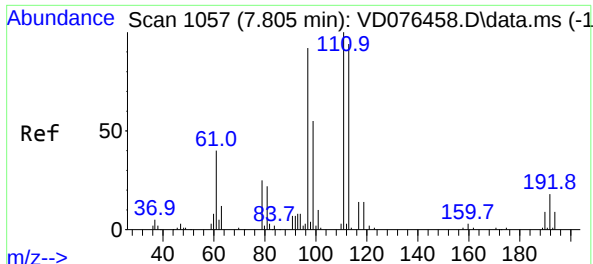
Tgt Ion: 65 Resp: 33545
Ion Ratio Lower Upper
65 100
67 54.3 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Tgt Ion: 114 Resp: 78277
Ion Ratio Lower Upper
114 100
63 20.2 0.0 33.4
88 15.3 0.0 26.2



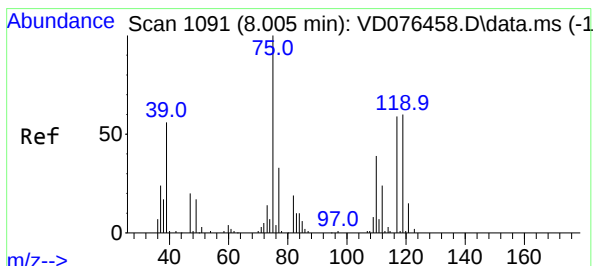
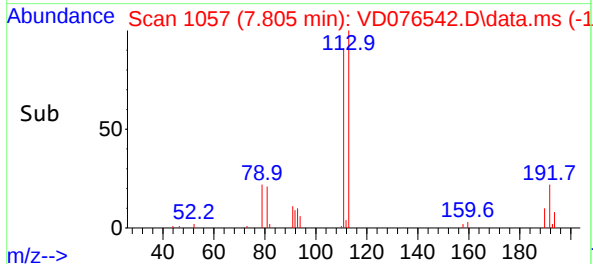
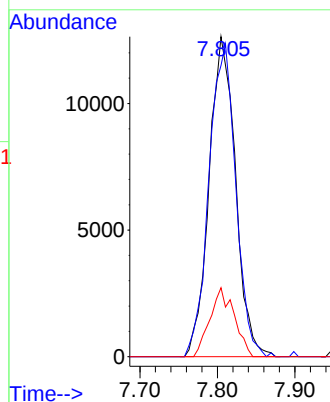
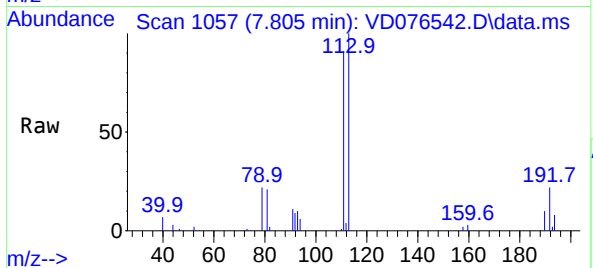


#35
Dibromofluoromethane
Concen: 64.342 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
SB37

Tgt Ion:113 Resp: 29920

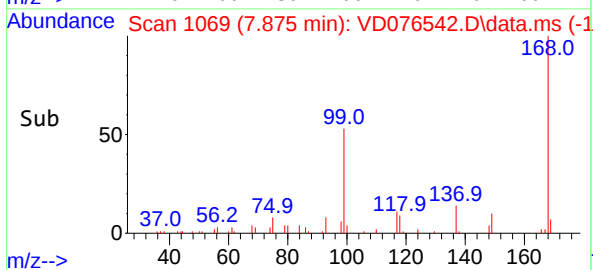
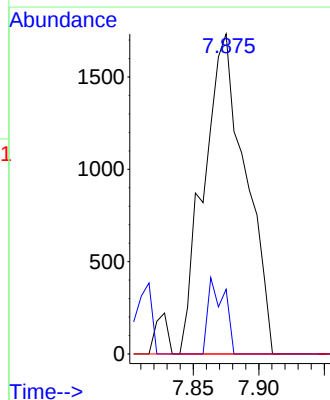
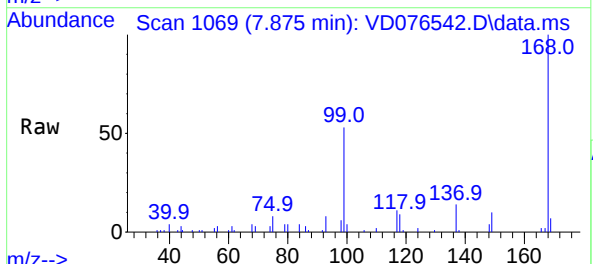
Ion	Ratio	Lower	Upper
113	100		
111	99.3	84.7	127.1
192	19.8	16.8	25.2

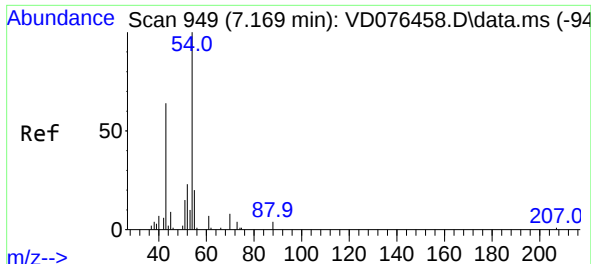


#36
1,1-Dichloropropene
Concen: 5.880 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Tgt Ion: 75 Resp: 3829

Ion	Ratio	Lower	Upper
75	100		
110	9.4	19.9	59.6#
77	0.0	24.7	37.1#





#37

Ethyl Acetate

Concen: 18.227 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.082 min

Lab File: VD076542.D

Acq: 22 Jun 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

SB37

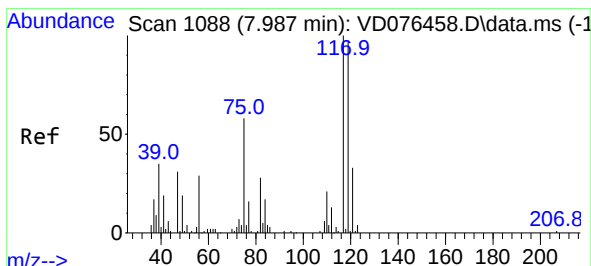
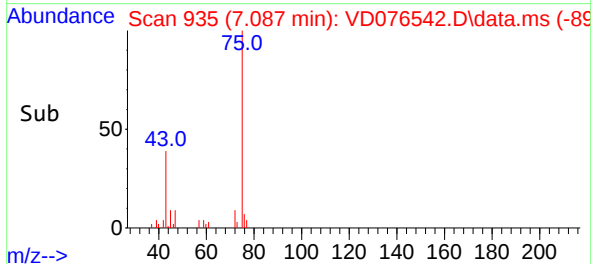
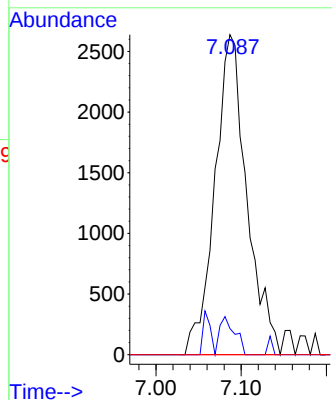
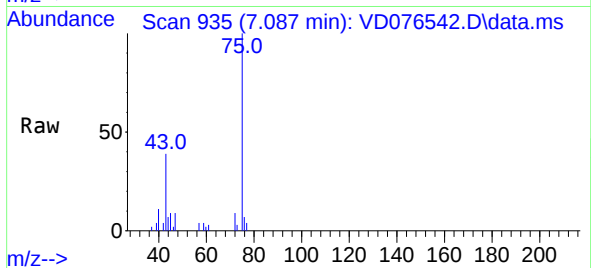
Tgt Ion: 43 Resp: 6878

Ion Ratio Lower Upper

43 100

61 5.7 14.9 22.3#

70 0.0 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 7.737 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.106 min

Lab File: VD076542.D

Acq: 22 Jun 2023 16:43

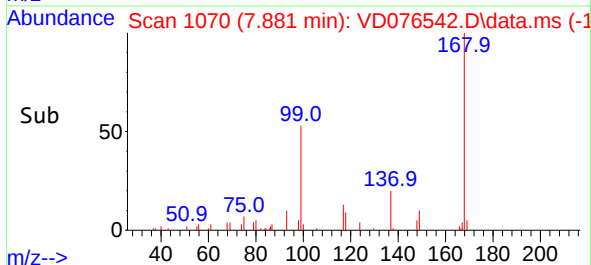
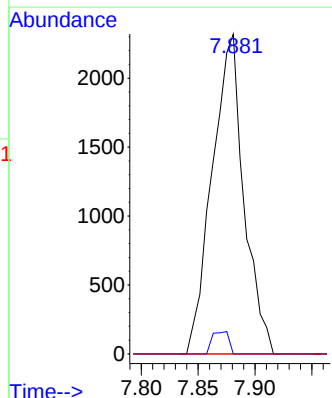
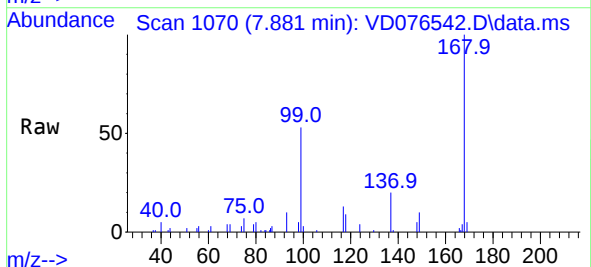
Tgt Ion: 117 Resp: 4503

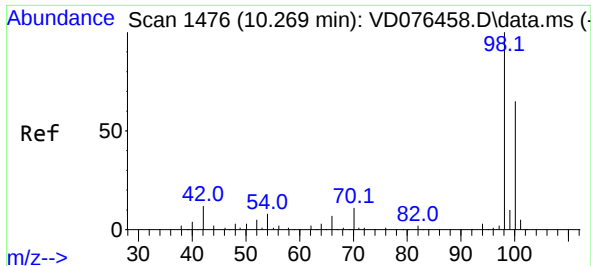
Ion Ratio Lower Upper

117 100

119 0.0 78.0 117.0#

121 0.0 24.2 36.2#

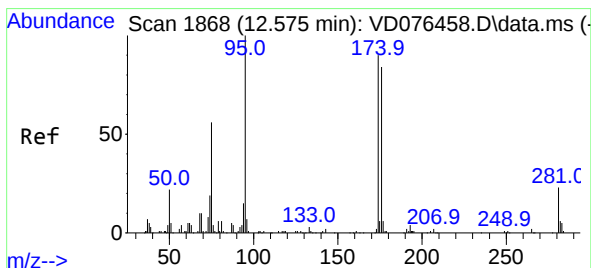
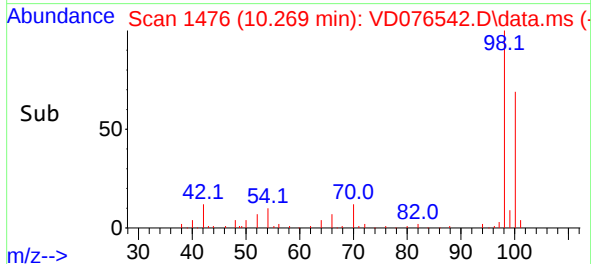
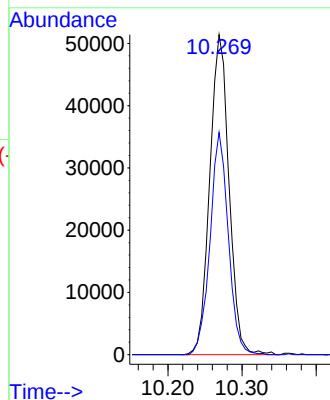
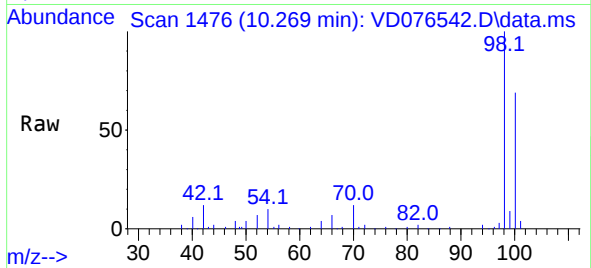




#50
Toluene-d8
Concen: 52.569 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

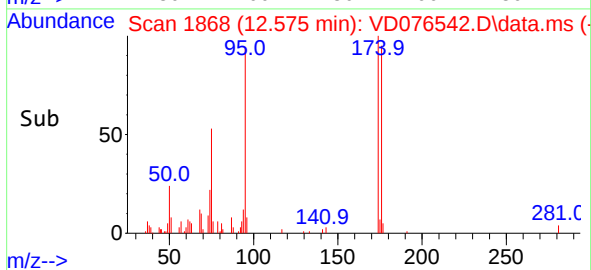
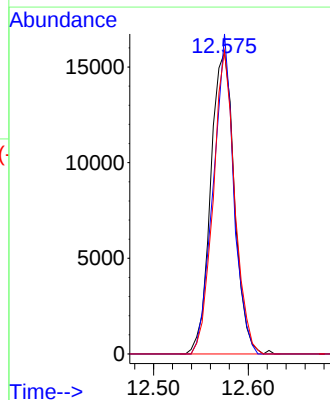
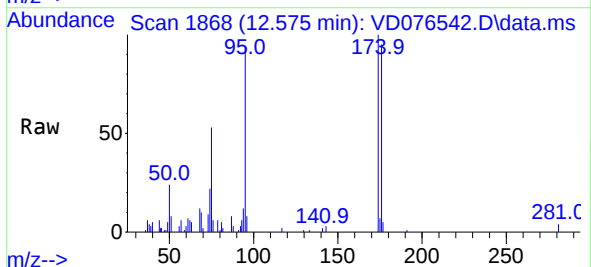
Instrument :
MSVOA_D
ClientSampleId :
SB37

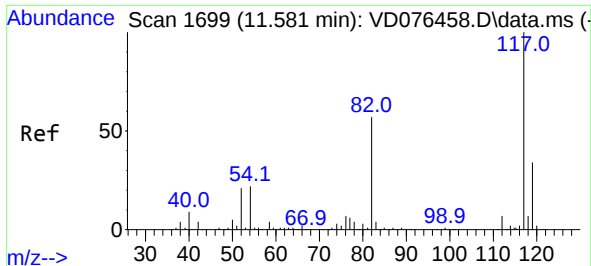
Tgt Ion: 98 Resp: 92709
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.752 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Tgt Ion: 95 Resp: 27331
Ion Ratio Lower Upper
95 100
174 91.7 0.0 201.8
176 91.5 0.0 191.8

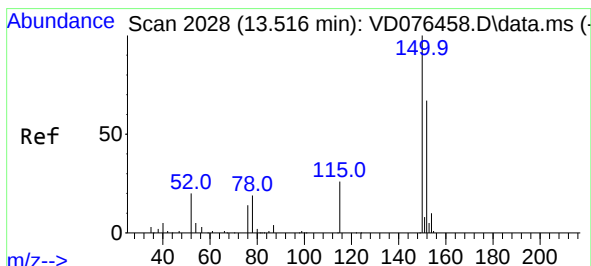
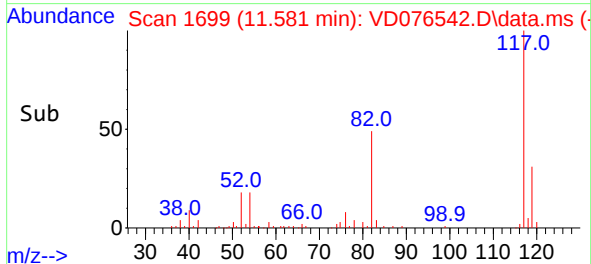
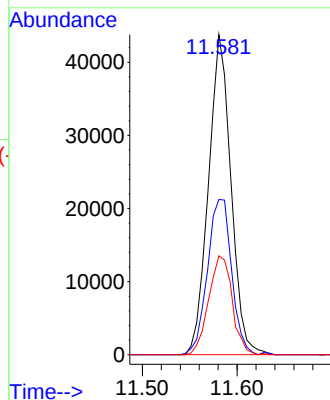
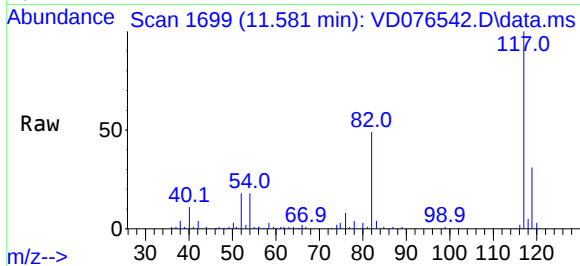




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

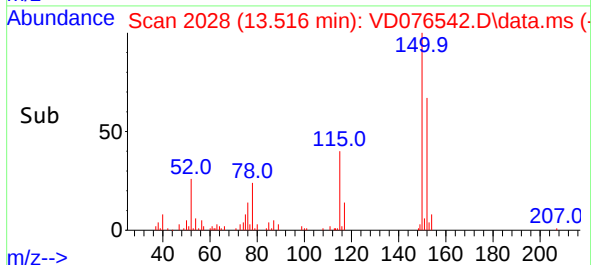
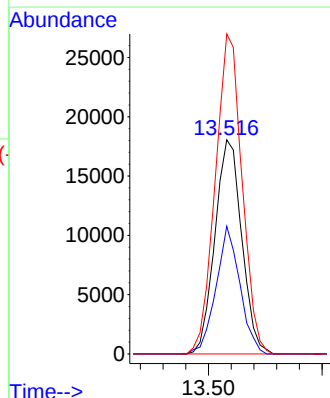
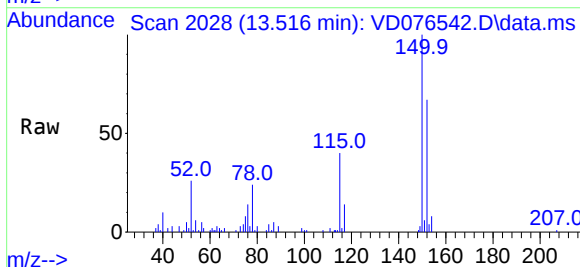
Instrument :
MSVOA_D
ClientSampleId :
SB37

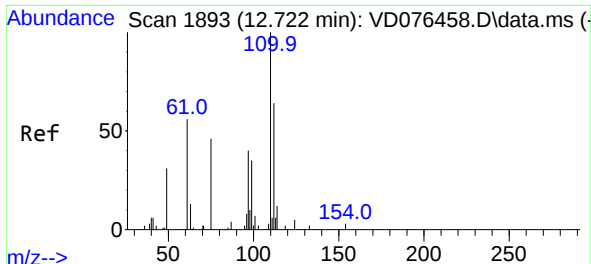
Tgt Ion:	117	Resp:	72208
Ion	Ratio	Lower	Upper
117	100		
82	48.5	38.3	57.5
119	30.9	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Tgt Ion:	152	Resp:	29628
Ion	Ratio	Lower	Upper
152	100		
115	53.2	27.1	81.3
150	149.1	0.0	353.6

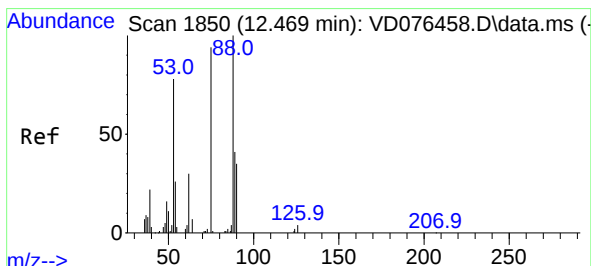
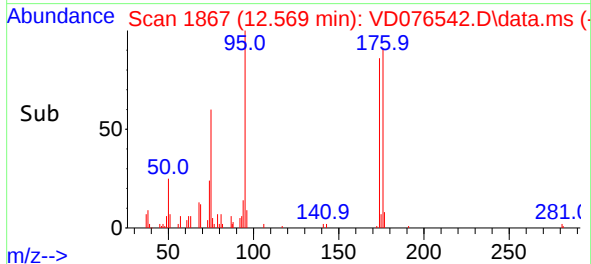
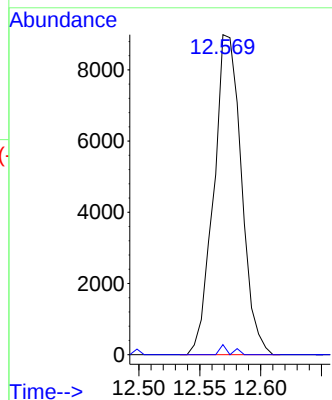
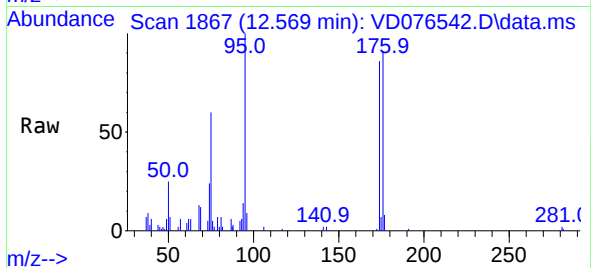




#76
1,2,3-Trichloropropane
Concen: 48.308 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
SB37

Tgt Ion: 75 Resp: 14205
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.854 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Tgt Ion: 75 Resp: 14205
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

