

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076525.D
 Acq On : 21 Jun 2023 21:22
 Operator : KP/SY
 Sample : 03355-13
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-6.5-7.0

Quant Time: Jun 22 02:04:19 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)

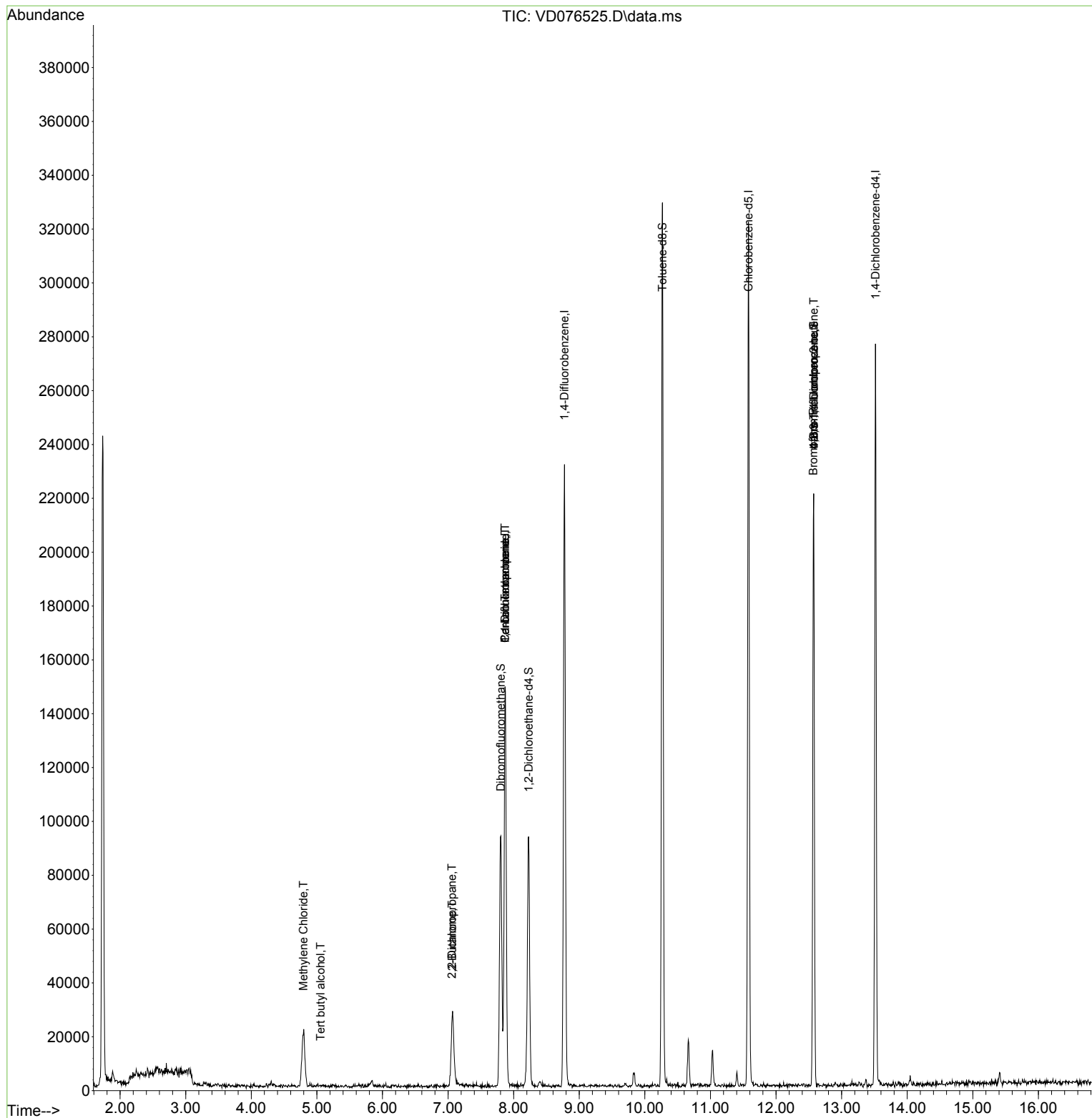
Internal Standards						
1) Pentafluorobenzene	7.869	168	113963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	201722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	175685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	70067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69593	60.950	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.900%			
35) Dibromofluoromethane	7.804	113	67788	56.567	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.140%			
50) Toluene-d8	10.269	98	222053	48.859	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.720%			
62) 4-Bromofluorobenzene	12.575	95	63136	42.805	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 85.620%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.058	59	142	1.440	ug/l #	73
20) Methylene Chloride	4.793	84	16097	3.317	ug/l #	81
25) 2-Butanone	7.063	43	1830	4.355	ug/l #	37
26) 2,2-Dichloropropane	7.057	77	2191	1.104	ug/l #	49
28) Bromochloromethane	7.152	49	77	Below Cal	#	1
36) 1,1-Dichloropropene	7.869	75	9691	5.775	ug/l #	45
38) Carbon Tetrachloride	7.869	117	11520	7.680	ug/l #	16
71) Bromoform	12.569	173	833	1.162	ug/l #	28
76) 1,2,3-Trichloropropane	12.575	75	34308	49.336	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	34308	108.106	ug/l #	17

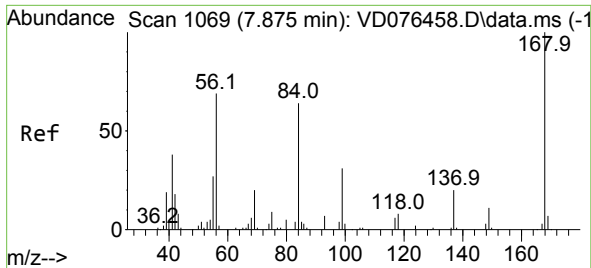
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-07-6.5-7.0

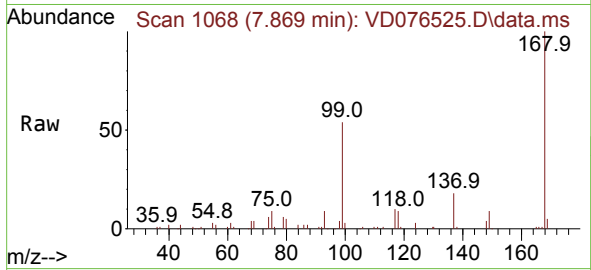
Quant Time: Jun 22 02:04:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
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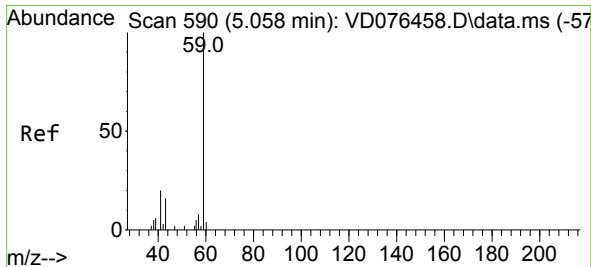
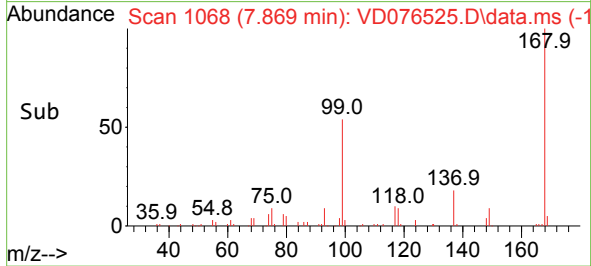
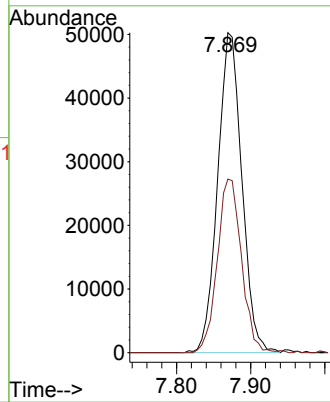


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076525.D
Acq: 21 Jun 2023 21:22

Instrument :
MSVOA_D
ClientSampleId :
SB-07-6.5-7.0

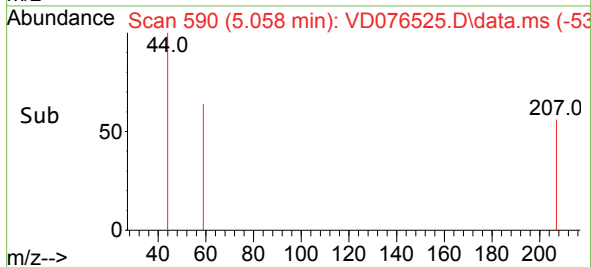
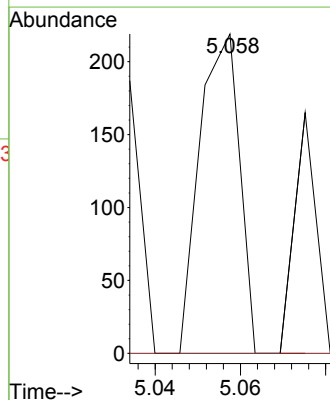
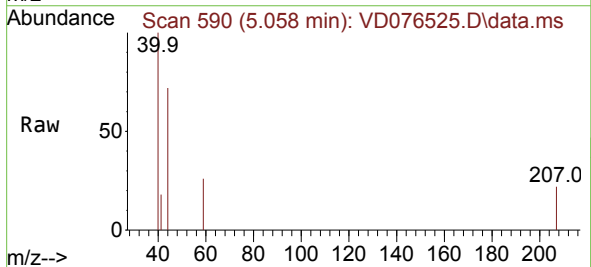


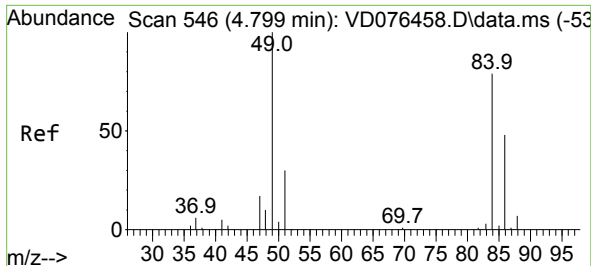
Tgt Ion:168 Resp: 113963
Ion Ratio Lower Upper
168 100
99 54.2 36.7 55.1



#11
Tert butyl alcohol
Concen: 1.440 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD076525.D
Acq: 21 Jun 2023 21:22

Tgt Ion: 59 Resp: 142
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

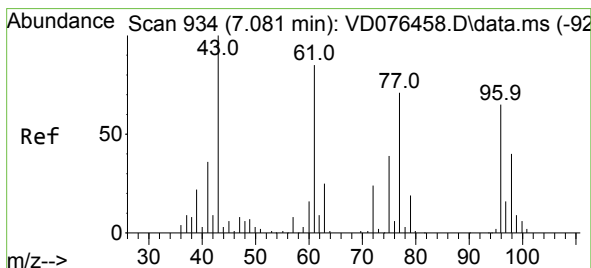
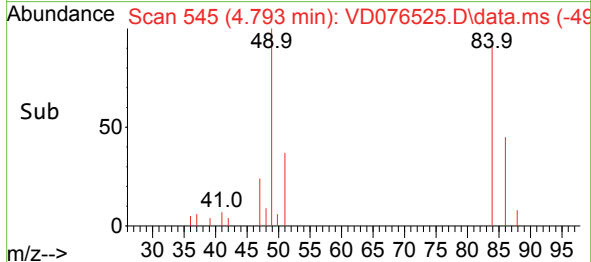
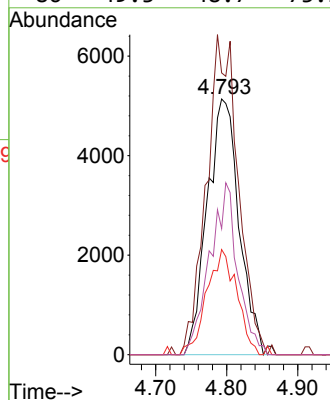
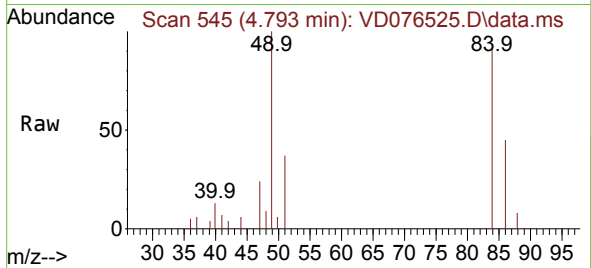




#20
Methylene Chloride
Concen: 3.317 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD076525.D
Acq: 21 Jun 2023 21:22

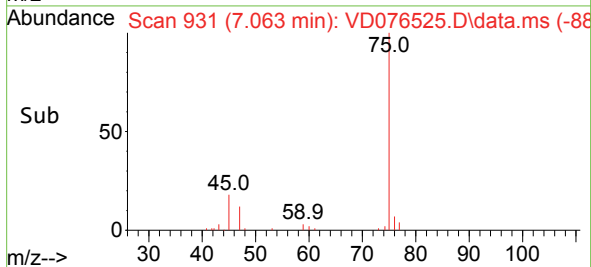
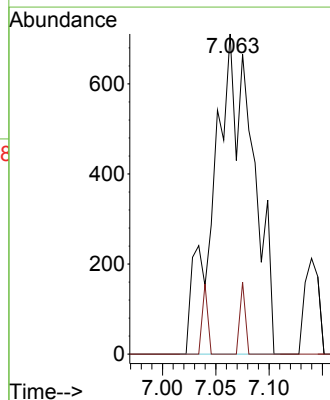
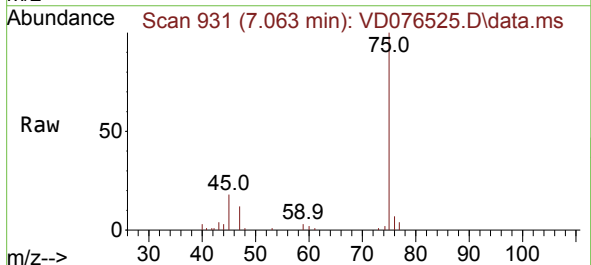
Instrument :
MSVOA_D
ClientSampleId :
SB-07-6.5-7.0

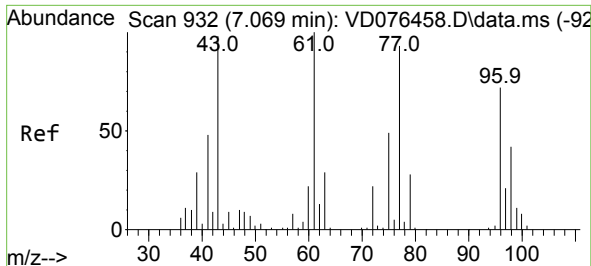
Tgt Ion:	84	Resp:	16097
Ion	Ratio	Lower	Upper
84	100		
49	110.2	71.4	107.2#
51	41.1	24.5	36.7#
86	49.3	48.7	73.1



#25
2-Butanone
Concen: 4.355 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD076525.D
Acq: 21 Jun 2023 21:22

Tgt Ion:	43	Resp:	1830
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#





#26

2,2-Dichloropropane

Concen: 1.104 ug/l

RT: 7.057 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD076525.D

Acq: 21 Jun 2023 21:22

Instrument :

MSVOA_D

ClientSampleId :

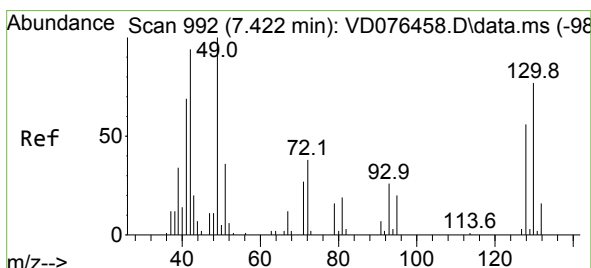
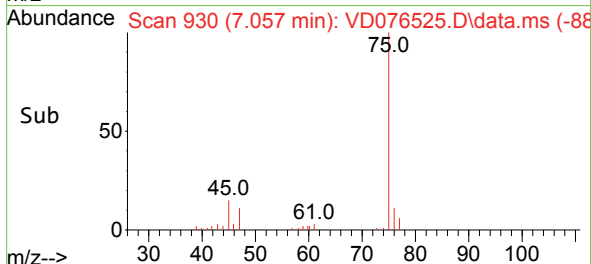
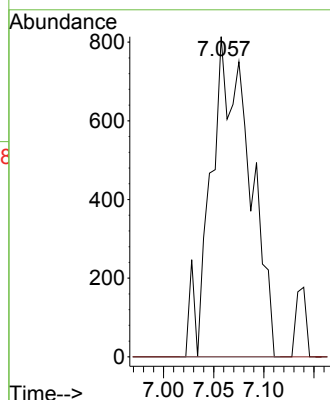
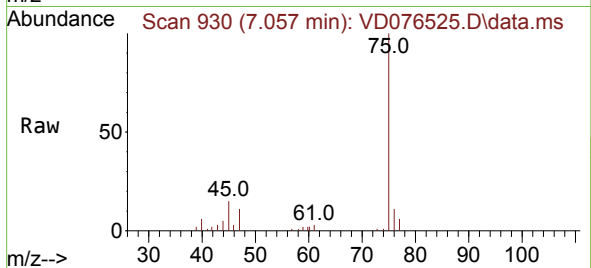
SB-07-6.5-7.0

Tgt Ion: 77 Resp: 2191

Ion Ratio Lower Upper

77 100

97 0.0 13.2 39.6#



#28

Bromochloromethane

Concen: Below Cal

RT: 7.152 min Scan# 946

Delta R.T. -0.270 min

Lab File: VD076525.D

Acq: 21 Jun 2023 21:22

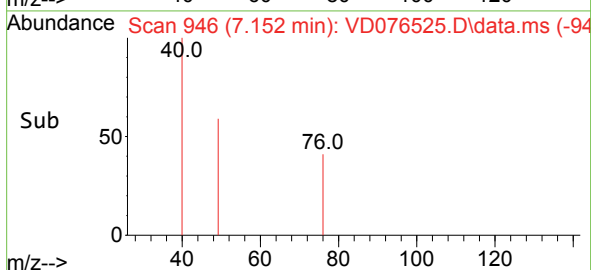
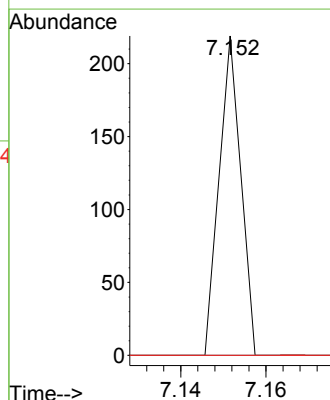
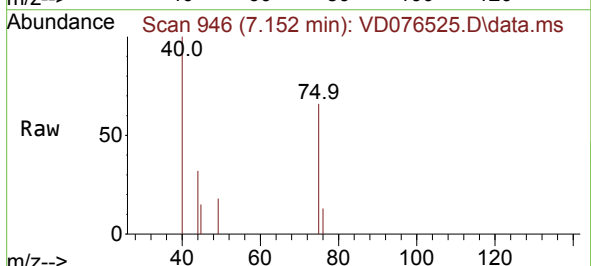
Tgt Ion: 49 Resp: 77

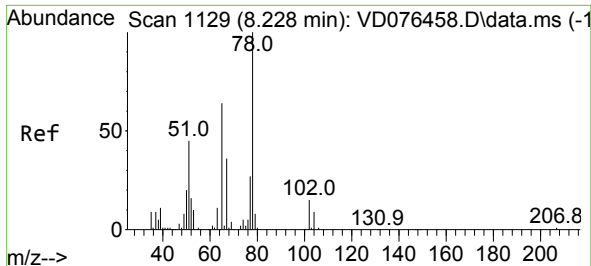
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.0

130 0.0 83.2 124.8#





#33

1,2-Dichloroethane-d4

Concen: 60.950 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076525.D

Acq: 21 Jun 2023 21:22

Instrument :

MSVOA_D

ClientSampleId :

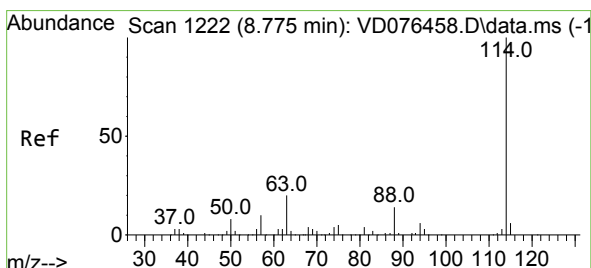
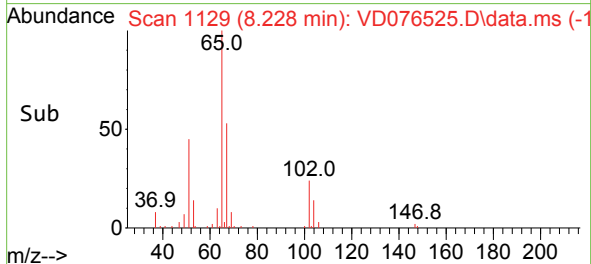
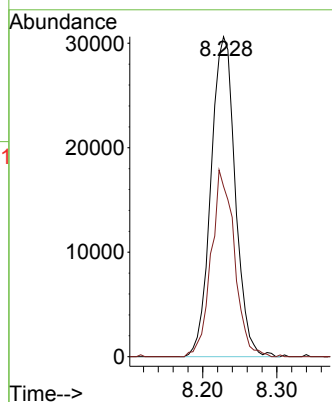
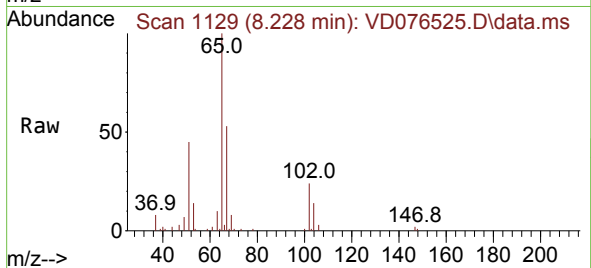
SB-07-6.5-7.0

Tgt Ion: 65 Resp: 69593

Ion Ratio Lower Upper

65 100

67 55.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076525.D

Acq: 21 Jun 2023 21:22

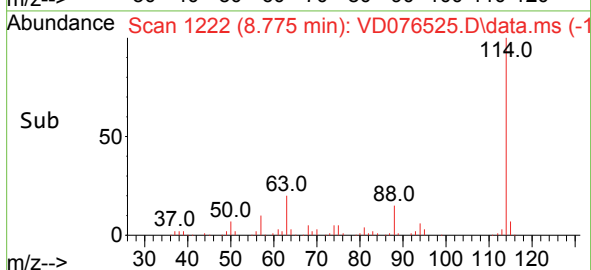
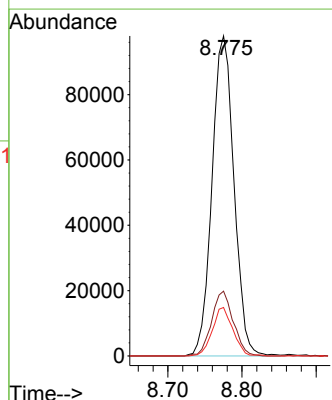
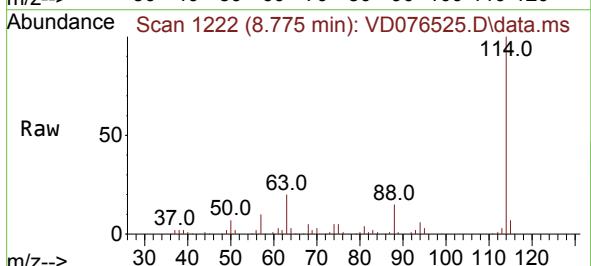
Tgt Ion: 114 Resp: 201722

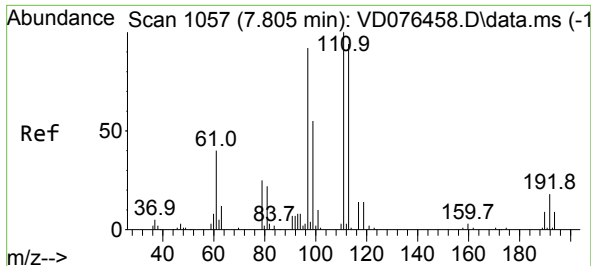
Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.4

88 15.1 0.0 26.2

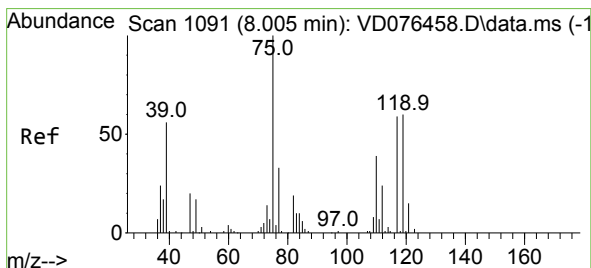
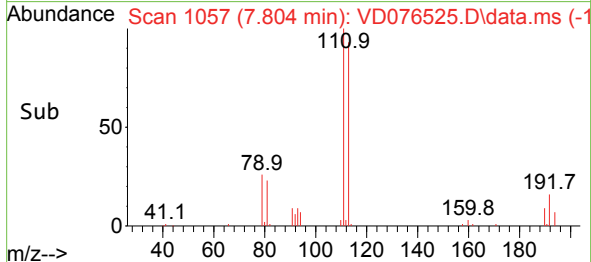
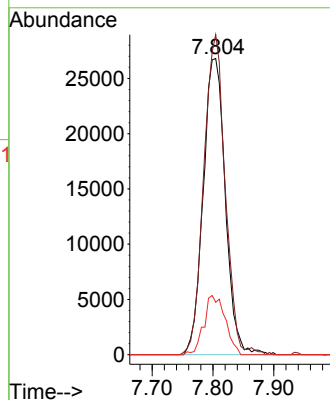
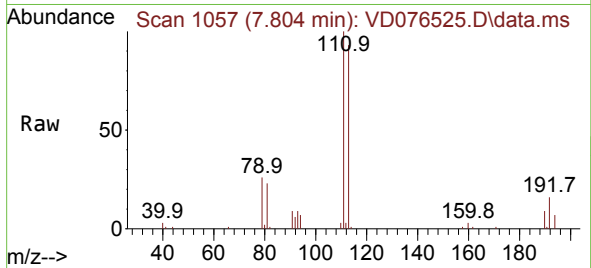




#35
Dibromofluoromethane
Concen: 56.567 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076525.D
Acq: 21 Jun 2023 21:22

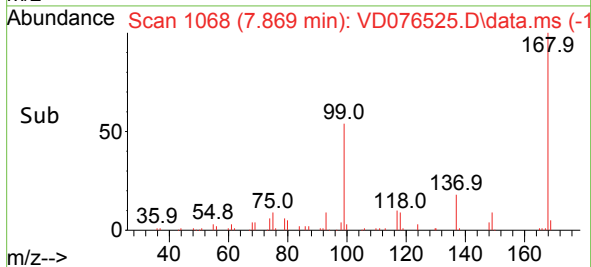
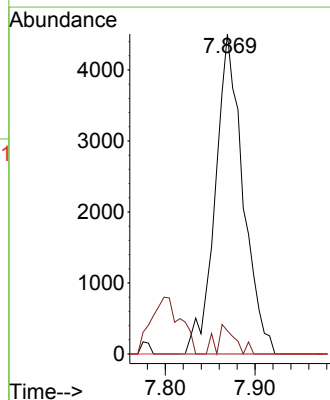
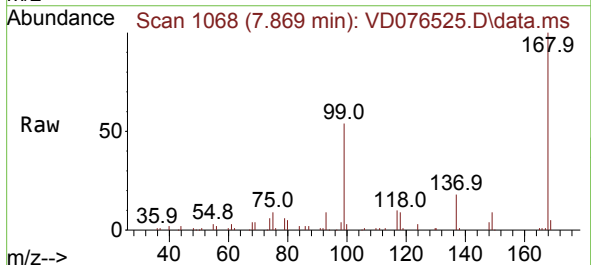
Instrument :
MSVOA_D
ClientSampleId :
SB-07-6.5-7.0

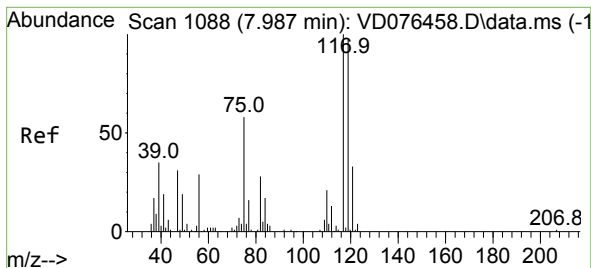
Tgt Ion:113 Resp: 67788
Ion Ratio Lower Upper
113 100
111 104.6 84.7 127.1
192 19.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.775 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD076525.D
Acq: 21 Jun 2023 21:22

Tgt Ion: 75 Resp: 9691
Ion Ratio Lower Upper
75 100
110 5.9 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 7.680 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.118 min

Lab File: VD076525.D

Acq: 21 Jun 2023 21:22

Instrument :

MSVOA_D

ClientSampleId :

SB-07-6.5-7.0

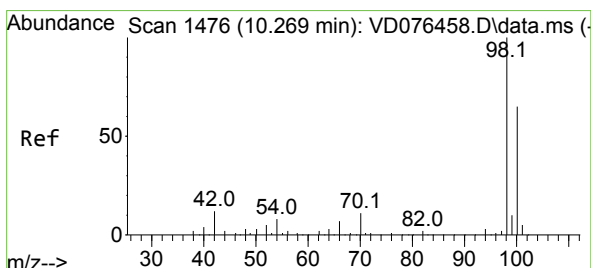
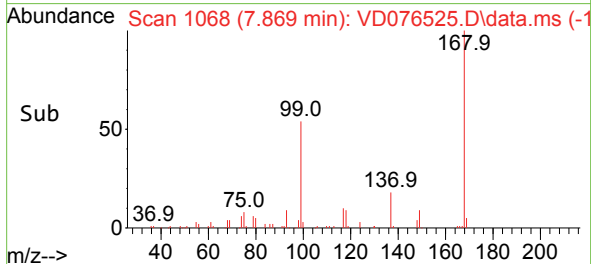
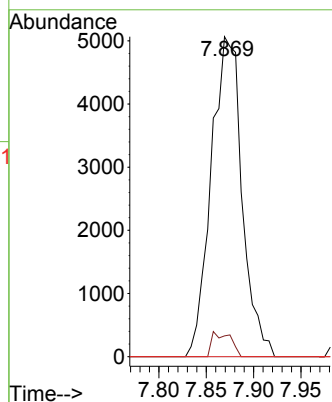
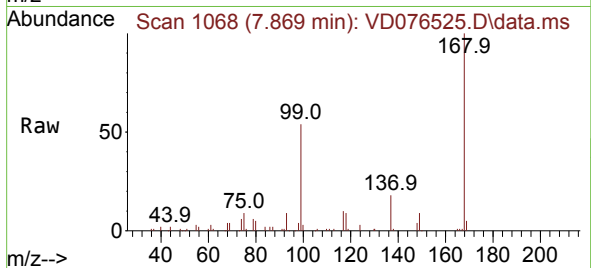
Tgt Ion:117 Resp: 11520

Ion Ratio Lower Upper

117 100

119 6.5 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 48.859 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076525.D

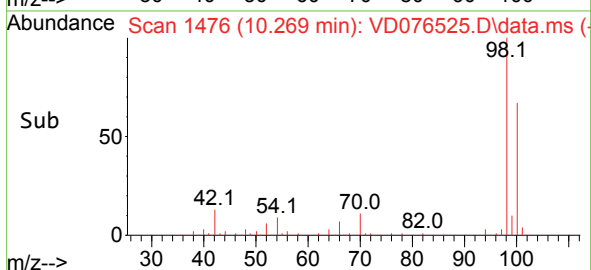
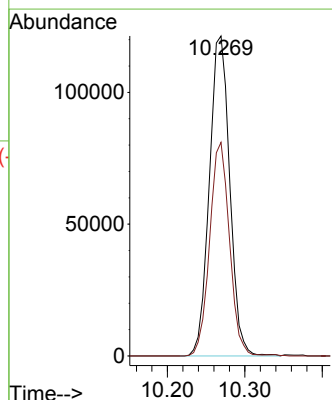
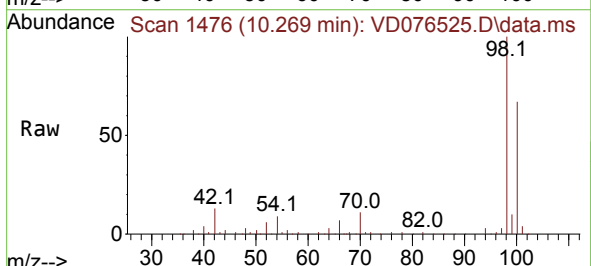
Acq: 21 Jun 2023 21:22

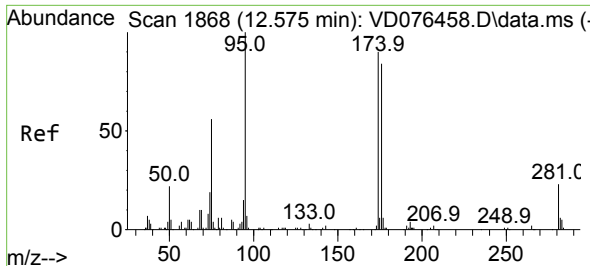
Tgt Ion: 98 Resp: 222053

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

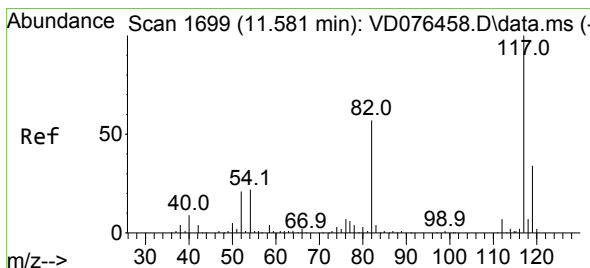
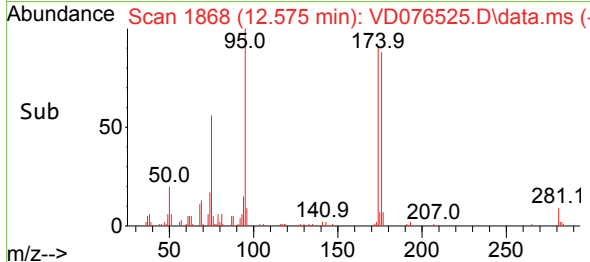
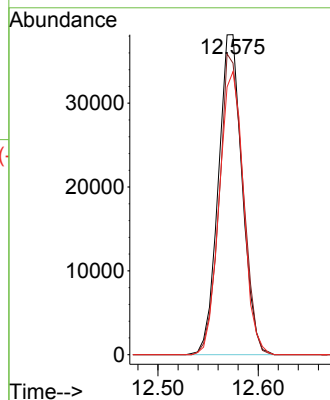
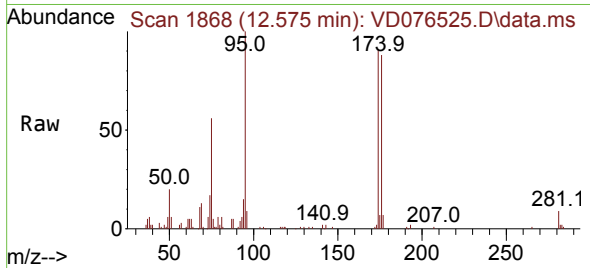




#62
4-Bromofluorobenzene
Concen: 42.805 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076525.D
Acq: 21 Jun 2023 21:22

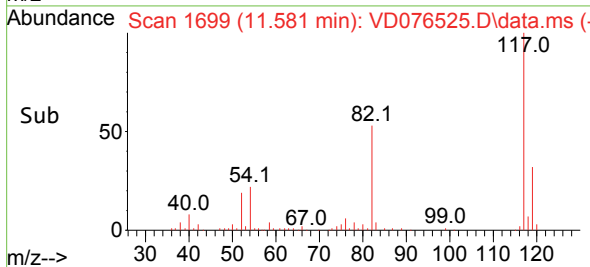
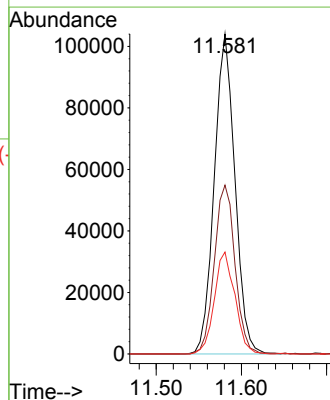
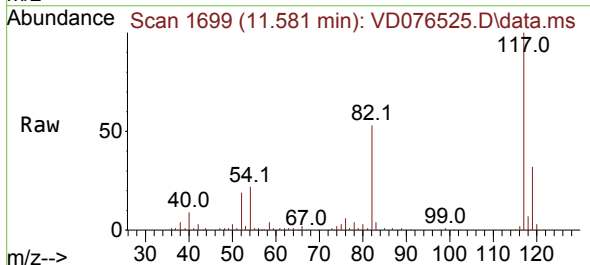
Instrument :
MSVOA_D
ClientSampleId :
SB-07-6.5-7.0

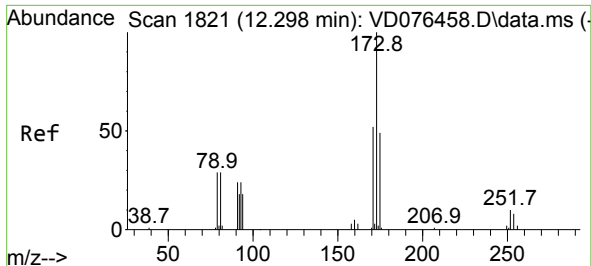
Tgt Ion: 95 Resp: 63136
Ion Ratio Lower Upper
95 100
174 93.2 0.0 201.8
176 89.4 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076525.D
Acq: 21 Jun 2023 21:22

Tgt Ion: 117 Resp: 175685
Ion Ratio Lower Upper
117 100
82 52.8 38.3 57.5
119 31.9 25.0 37.4

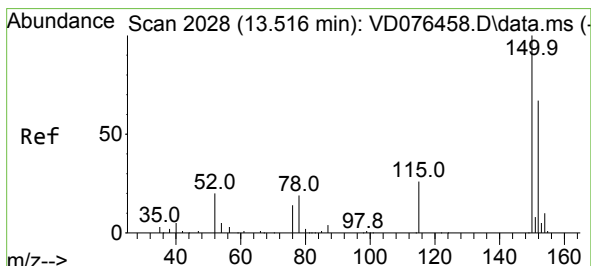
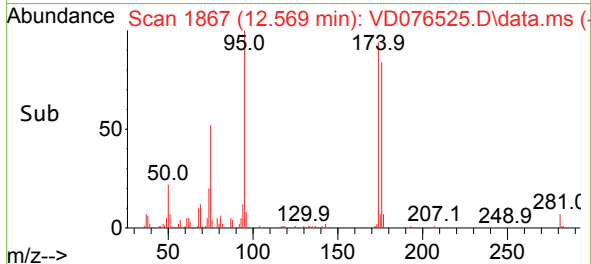
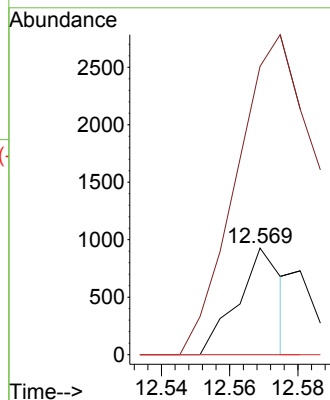
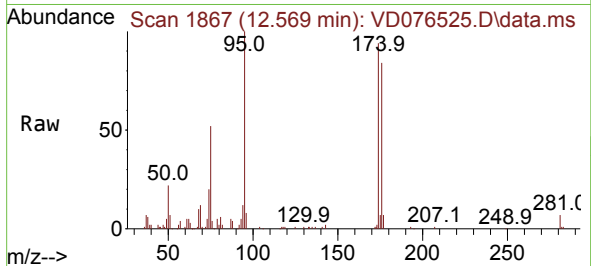




#71
Bromoform
Concen: 1.162 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.270 min
Lab File: VD076525.D
Acq: 21 Jun 2023 21:22

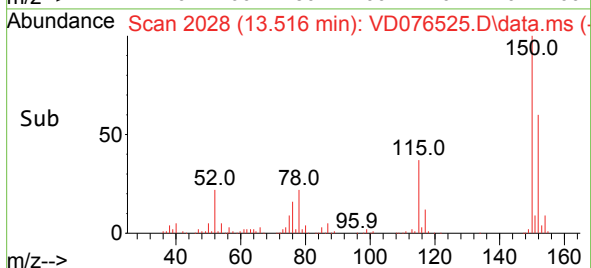
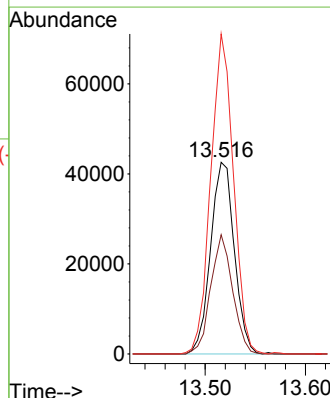
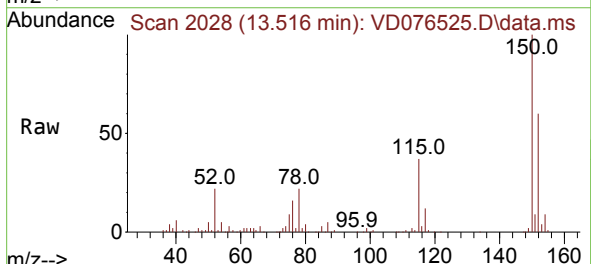
Instrument :
MSVOA_D
ClientSampleId :
SB-07-6.5-7.0

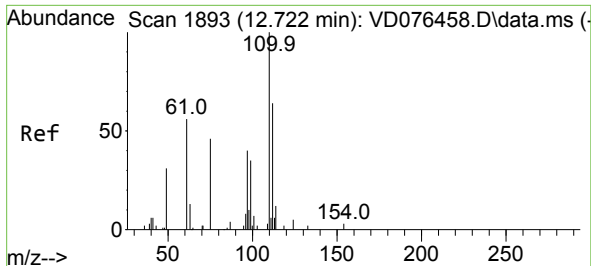
Tgt Ion:173 Resp: 833
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076525.D
Acq: 21 Jun 2023 21:22

Tgt Ion:152 Resp: 70067
Ion Ratio Lower Upper
152 100
115 57.2 27.1 81.3
150 159.3 0.0 353.6

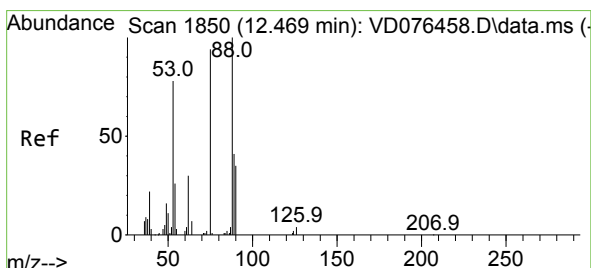
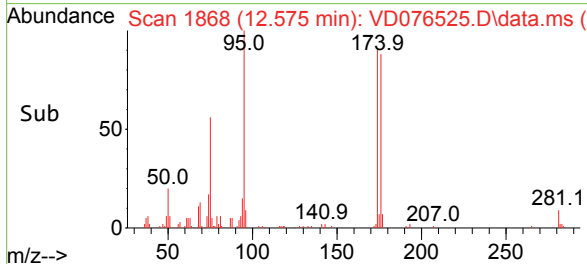
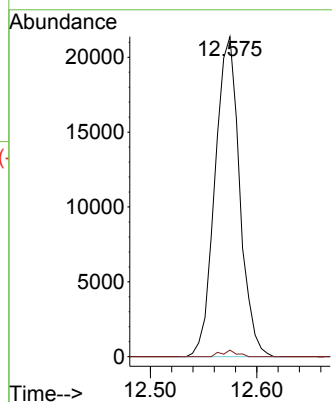
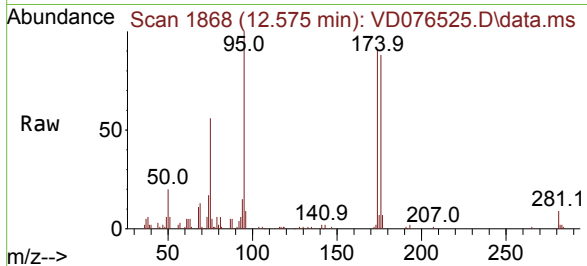




#76
1,2,3-Trichloropropane
Concen: 49.336 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076525.D
Acq: 21 Jun 2023 21:22

Instrument :
MSVOA_D
ClientSampleId :
SB-07-6.5-7.0

Tgt Ion: 75 Resp: 34308
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.106 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076525.D
Acq: 21 Jun 2023 21:22

Tgt Ion: 75 Resp: 34308
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

