

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076520.D
 Acq On : 21 Jun 2023 18:51
 Operator : KP/SY
 Sample : 03355-03
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-6.5-7.0

Quant Time: Jun 22 02:02:20 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)

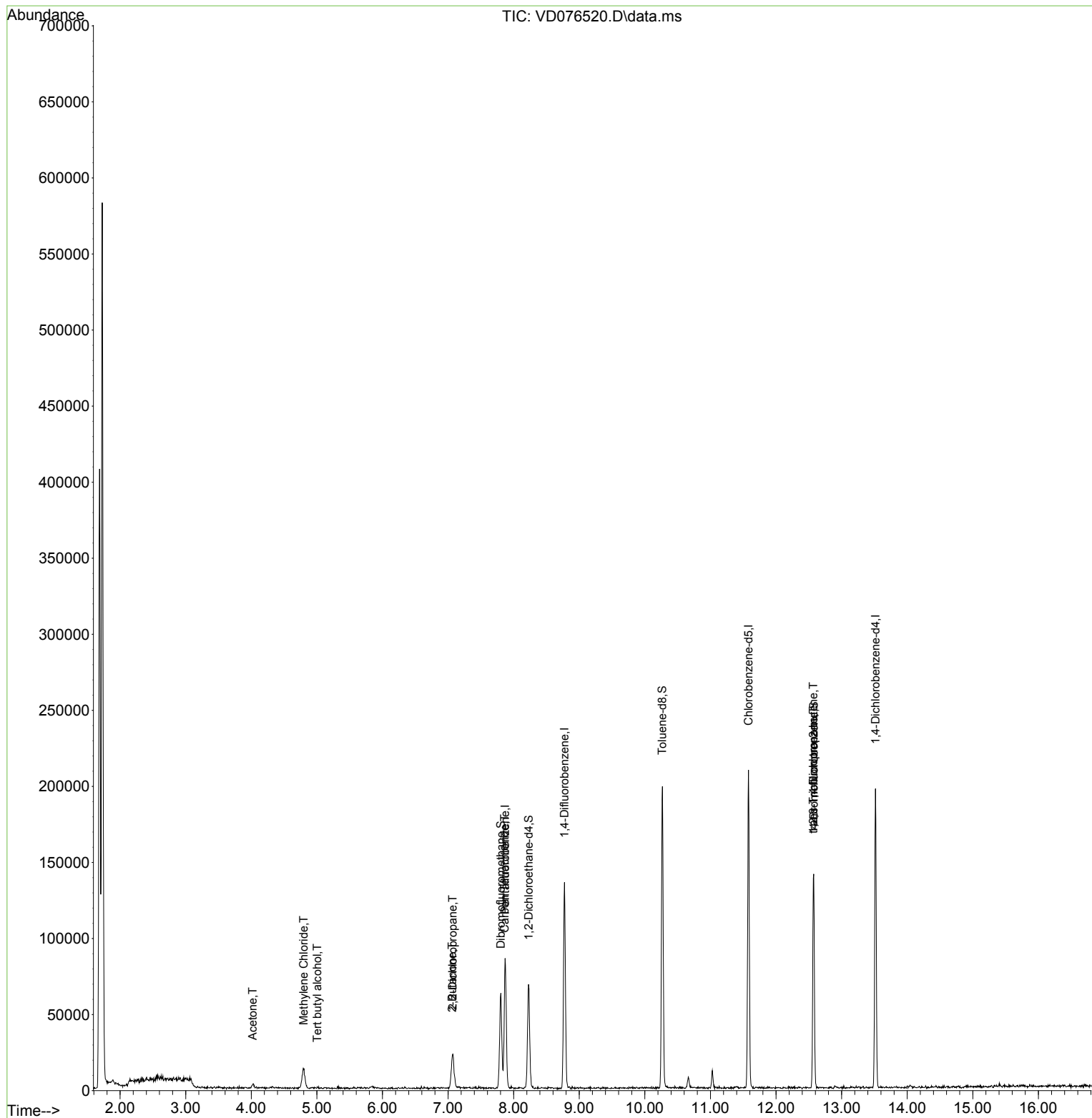
Internal Standards						
1) Pentafluorobenzene	7.869	168	65863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	116156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	116203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	50667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52306	79.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 158.520%	
35) Dibromofluoromethane	7.804	113	42901	62.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.340%	
50) Toluene-d8	10.263	98	136593	52.195	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	12.575	95	42656	50.224	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.005	59	59	1.036	ug/l #	73
16) Acetone	4.022	43	4297	27.364	ug/l #	84
20) Methylene Chloride	4.799	84	9201	3.180	ug/l #	79
25) 2-Butanone	7.063	43	767	3.158	ug/l #	37
26) 2,2-Dichloropropane	7.069	77	1728	1.506	ug/l #	49
28) Bromochloromethane	7.251	49	54	Below Cal	#	1
38) Carbon Tetrachloride	7.863	117	6340	7.341	ug/l #	16
76) 1,2,3-Trichloropropane	12.569	75	22271	44.289	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	22271	97.047	ug/l #	17

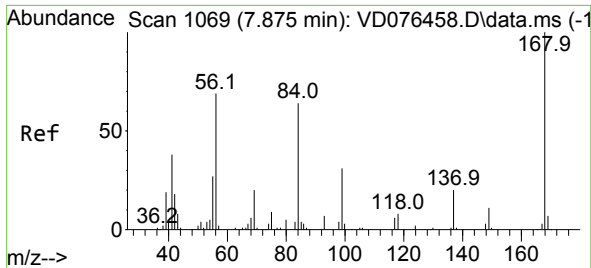
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-02-6.5-7.0

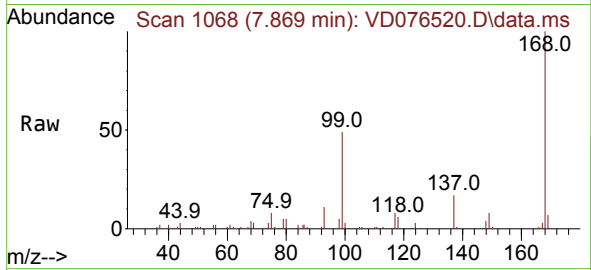
Quant Time: Jun 22 02:02:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
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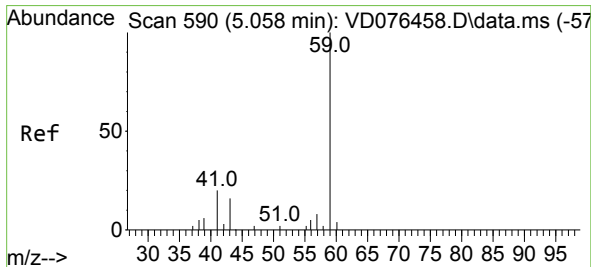
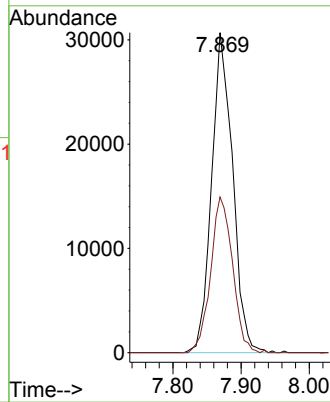
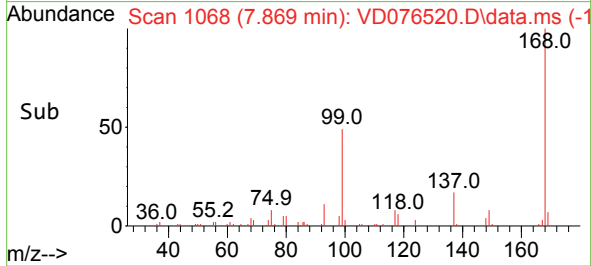


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076520.D
Acq: 21 Jun 2023 18:51

Instrument :
MSVOA_D
ClientSampleId :
SB-02-6.5-7.0

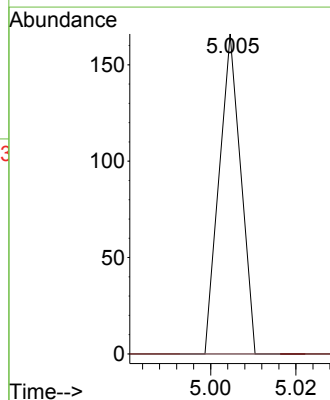
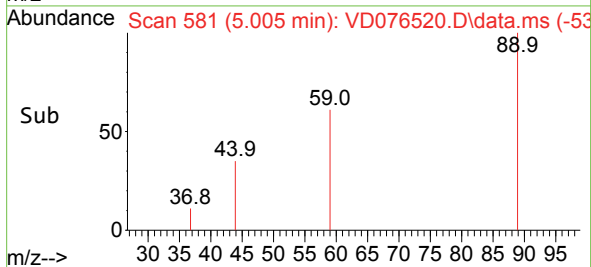
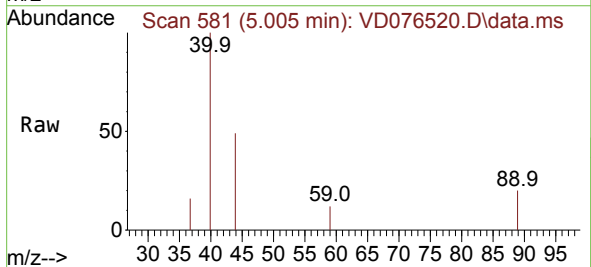


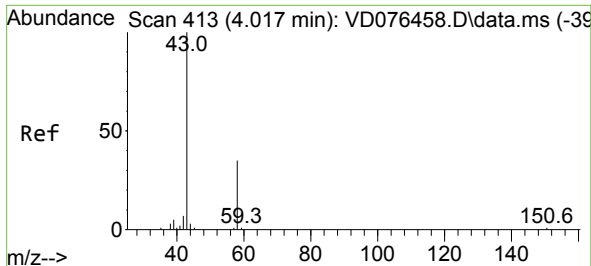
Tgt Ion:168 Resp: 65863
Ion Ratio Lower Upper
168 100
99 48.7 36.7 55.1



#11
Tert butyl alcohol
Concen: 1.036 ug/l
RT: 5.005 min Scan# 581
Delta R.T. -0.053 min
Lab File: VD076520.D
Acq: 21 Jun 2023 18:51

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





#16

Acetone

Concen: 27.364 ug/l

RT: 4.022 min Scan# 413

Delta R.T. 0.006 min

Lab File: VD076520.D

Acq: 21 Jun 2023 18:51

Instrument :

MSVOA_D

ClientSampleId :

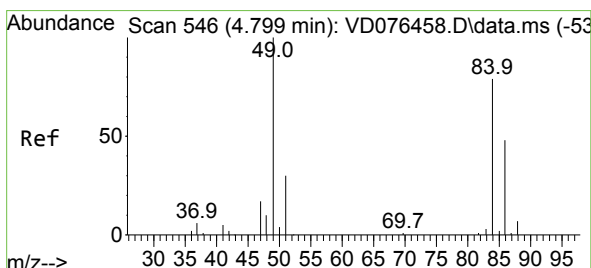
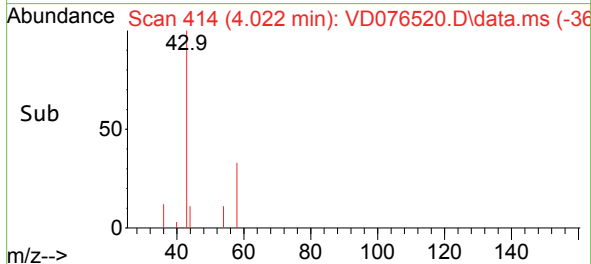
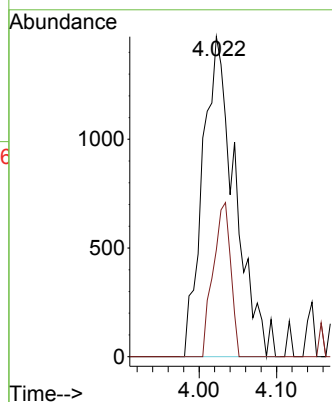
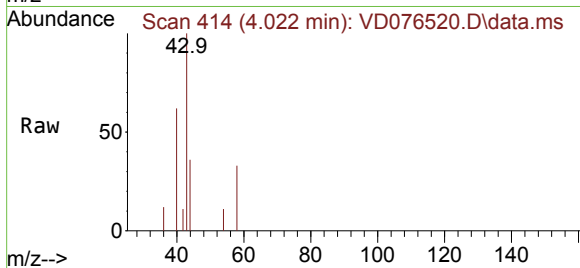
SB-02-6.5-7.0

Tgt Ion: 43 Resp: 4297

Ion Ratio Lower Upper

43 100

58 33.4 34.7 52.1#



#20

Methylene Chloride

Concen: 3.180 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076520.D

Acq: 21 Jun 2023 18:51

Tgt Ion: 84 Resp: 9201

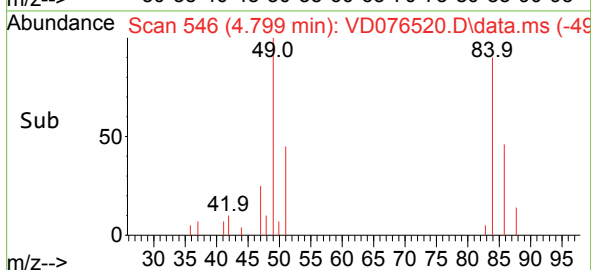
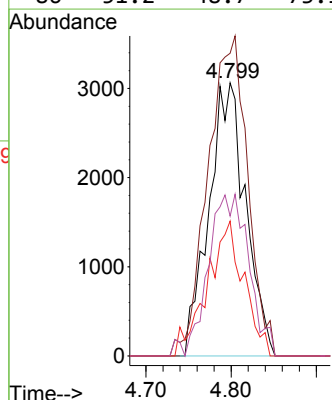
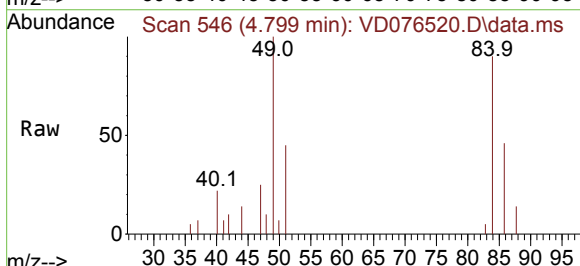
Ion Ratio Lower Upper

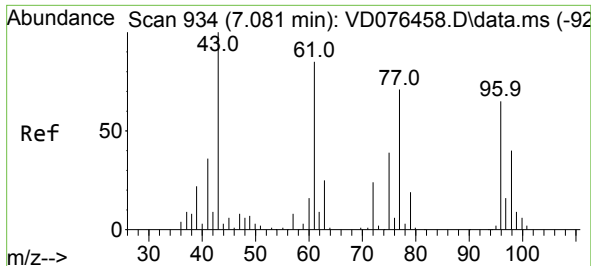
84 100

49 110.9 71.4 107.2#

51 49.4 24.5 36.7#

86 51.2 48.7 73.1





#25

2-Butanone

Concen: 3.158 ug/l

RT: 7.063 min Scan# 91

Delta R.T. -0.018 min

Lab File: VD076520.D

Acq: 21 Jun 2023 18:51

Instrument :

MSVOA_D

ClientSampleId :

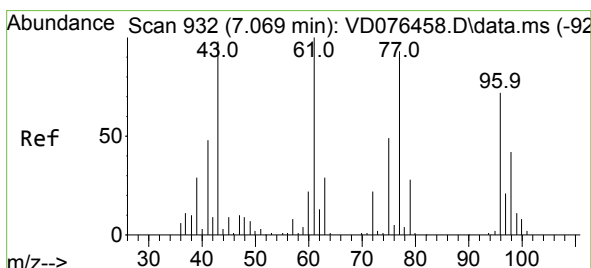
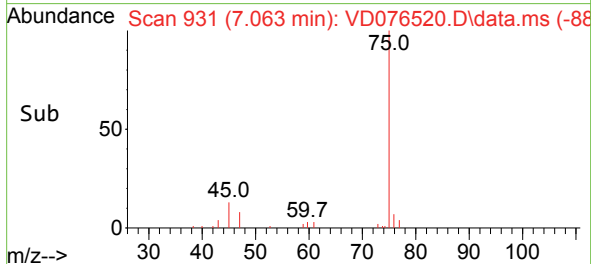
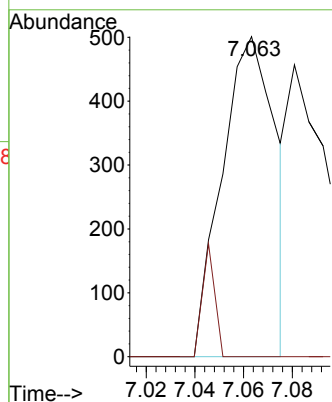
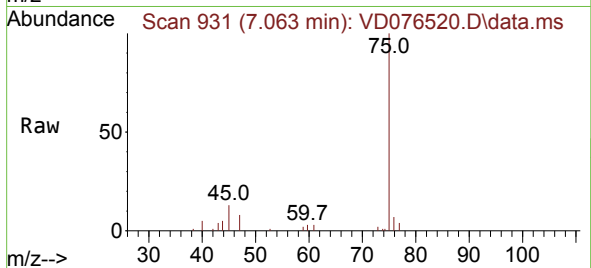
SB-02-6.5-7.0

Tgt Ion: 43 Resp: 767

Ion Ratio Lower Upper

43 100

72 0.0 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 1.506 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.000 min

Lab File: VD076520.D

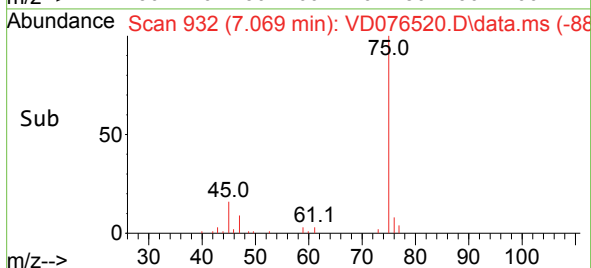
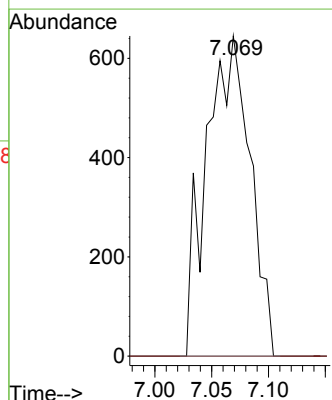
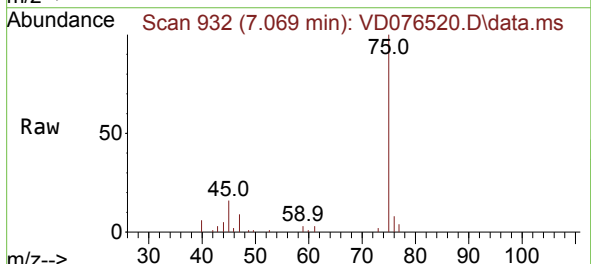
Acq: 21 Jun 2023 18:51

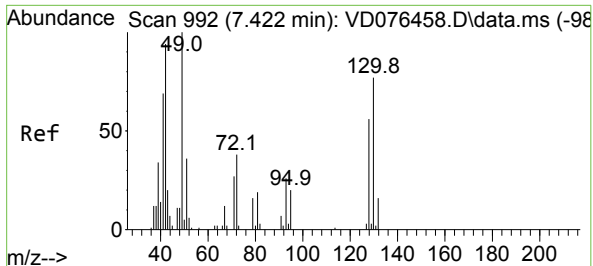
Tgt Ion: 77 Resp: 1728

Ion Ratio Lower Upper

77 100

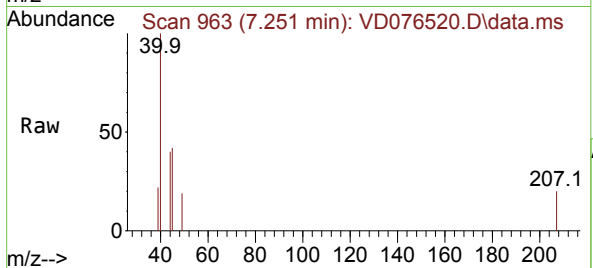
97 0.0 13.2 39.6#



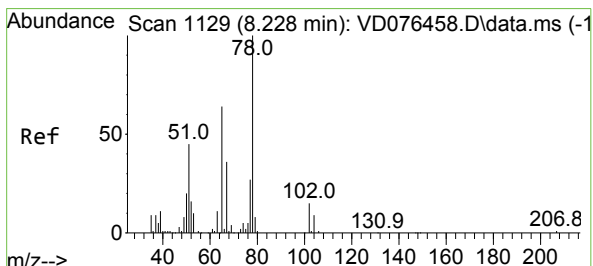
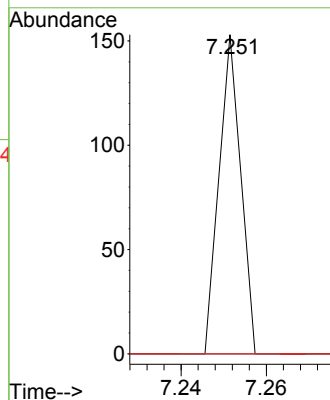
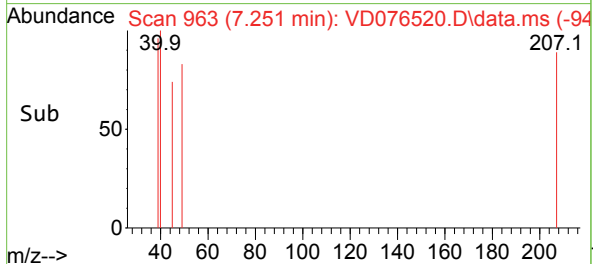


#28
Bromochloromethane
Concen: Below Cal
RT: 7.251 min Scan# 91
Delta R.T. -0.171 min
Lab File: VD076520.D
Acq: 21 Jun 2023 18:51

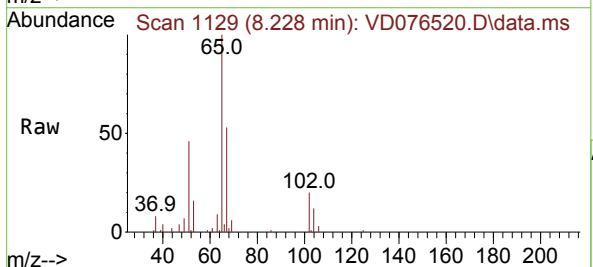
Instrument :
MSVOA_D
ClientSampleId :
SB-02-6.5-7.0



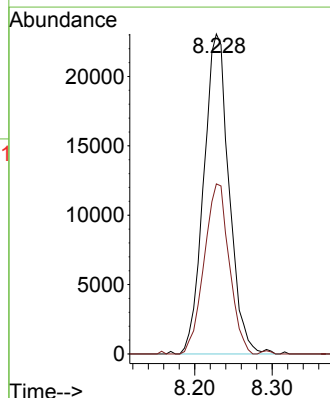
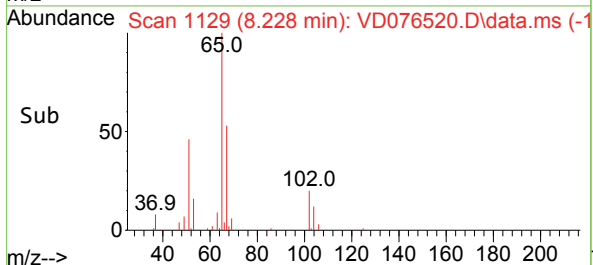
Tgt Ion: 49 Resp: 54
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#

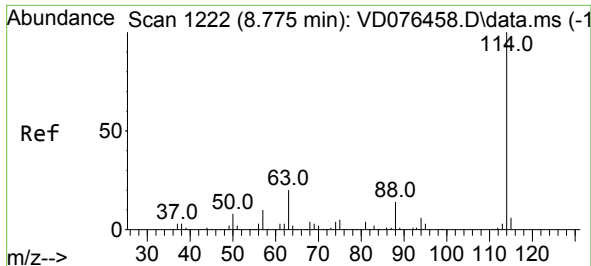


#33
1,2-Dichloroethane-d4
Concen: 79.265 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076520.D
Acq: 21 Jun 2023 18:51



Tgt Ion: 65 Resp: 52306
Ion Ratio Lower Upper
65 100
67 52.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076520.D

Acq: 21 Jun 2023 18:51

Instrument :

MSVOA_D

ClientSampleId :

SB-02-6.5-7.0

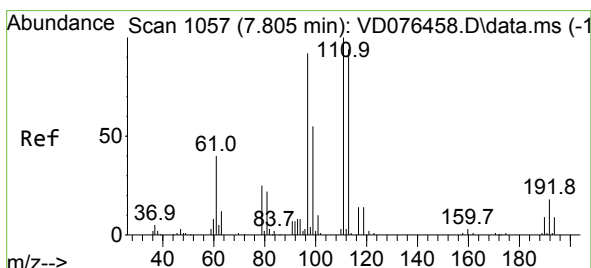
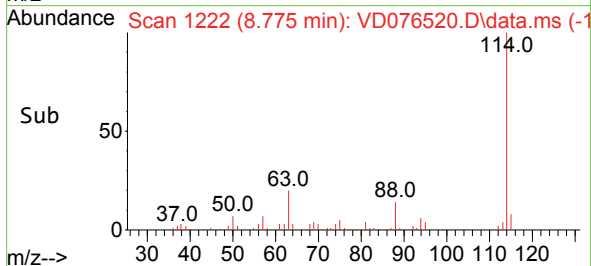
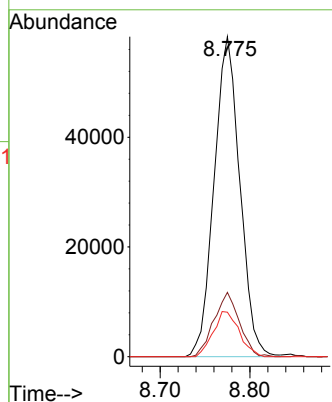
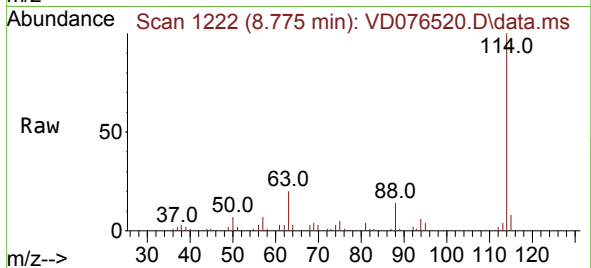
Tgt Ion:114 Resp: 116156

Ion Ratio Lower Upper

114 100

63 20.1 0.0 33.4

88 13.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 62.171 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076520.D

Acq: 21 Jun 2023 18:51

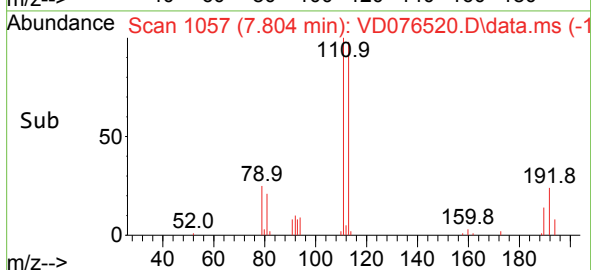
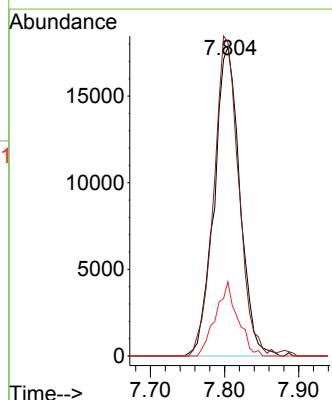
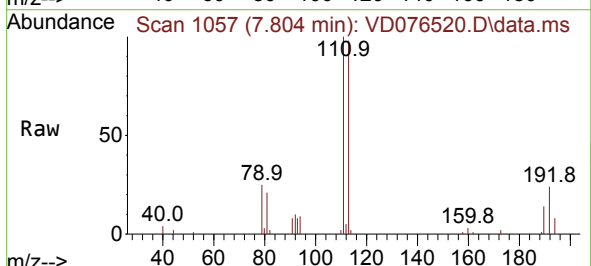
Tgt Ion:113 Resp: 42901

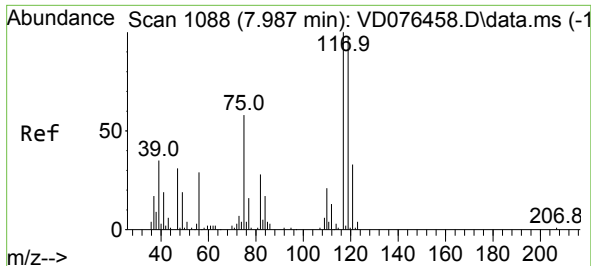
Ion Ratio Lower Upper

113 100

111 100.6 84.7 127.1

192 20.7 16.8 25.2

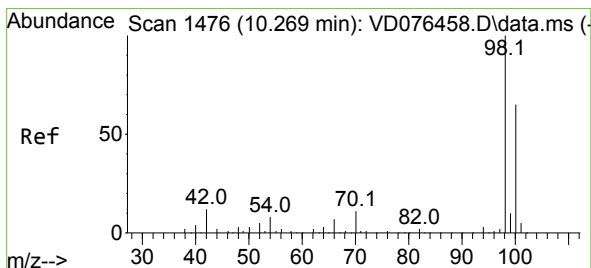
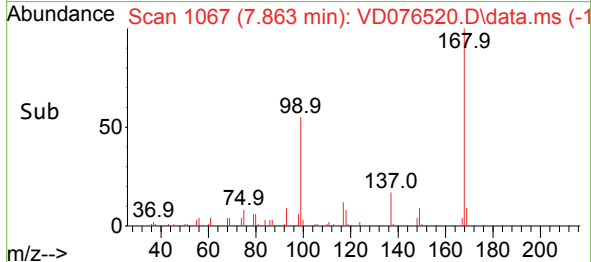
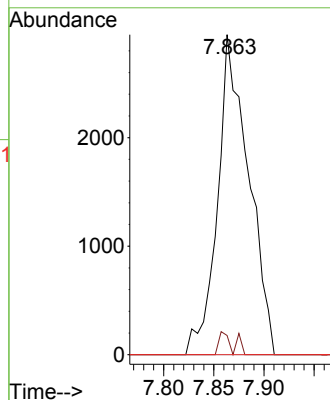
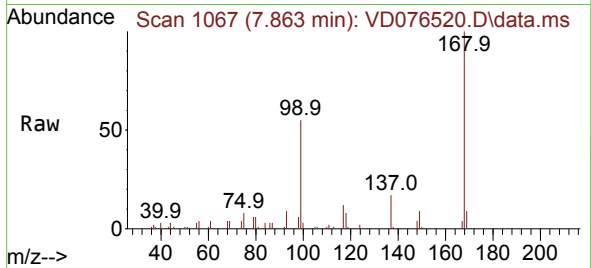




#38
Carbon Tetrachloride
Concen: 7.341 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.124 min
Lab File: VD076520.D
Acq: 21 Jun 2023 18:51

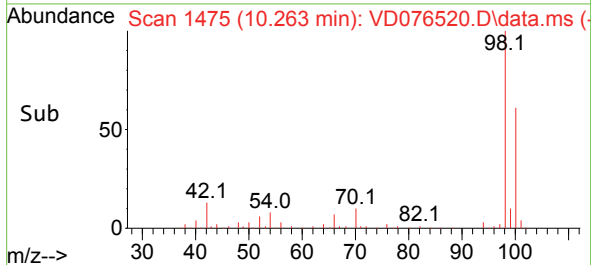
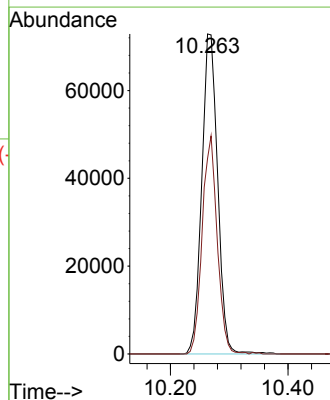
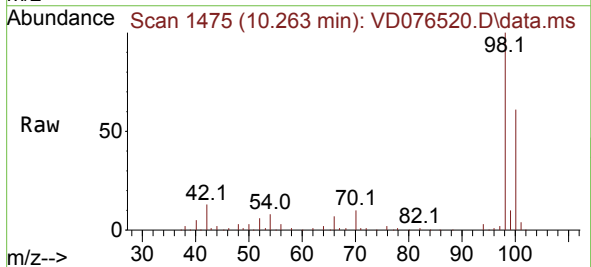
Instrument :
MSVOA_D
ClientSampleId :
SB-02-6.5-7.0

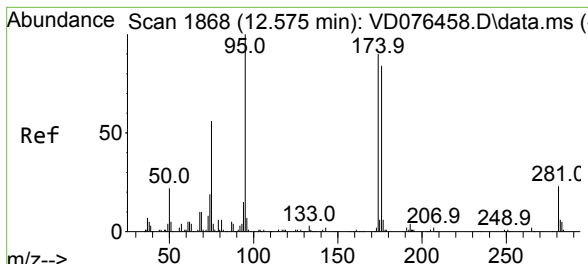
Tgt Ion:117 Resp: 6340
Ion Ratio Lower Upper
117 100
119 6.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 52.195 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076520.D
Acq: 21 Jun 2023 18:51

Tgt Ion: 98 Resp: 136593
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5

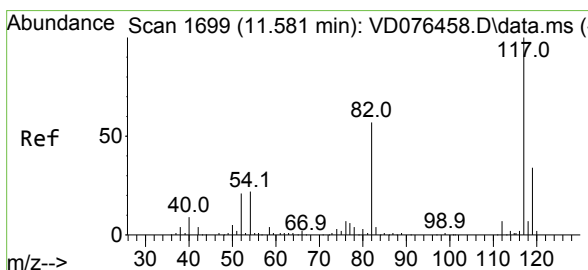
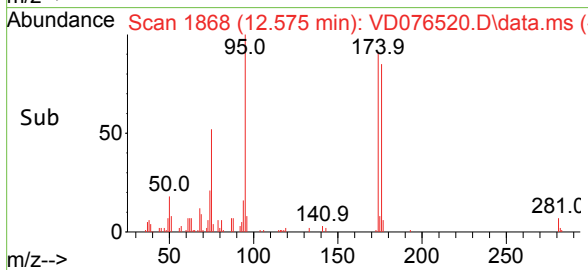
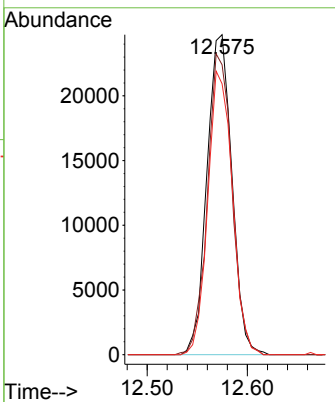
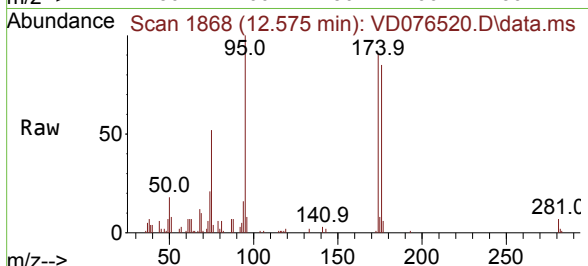




#62
4-Bromofluorobenzene
Concen: 50.224 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076520.D
Acq: 21 Jun 2023 18:51

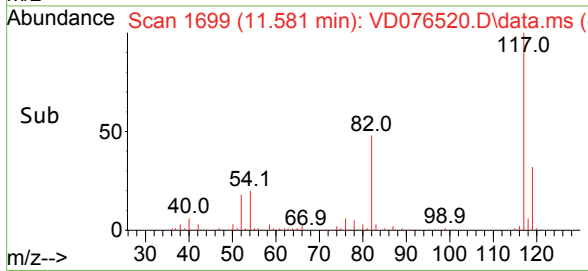
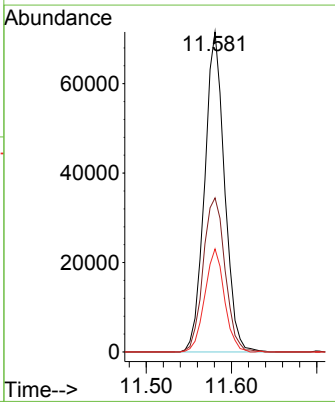
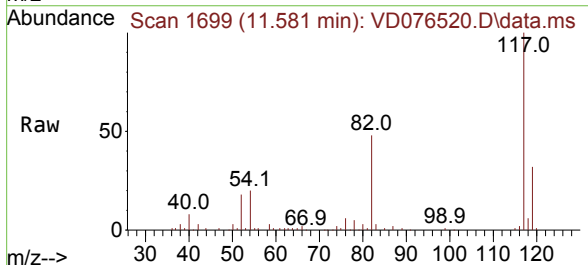
Instrument :
MSVOA_D
ClientSampleId :
SB-02-6.5-7.0

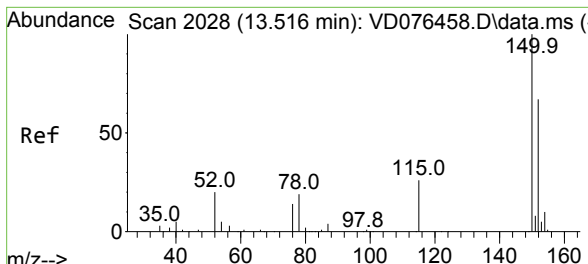
Tgt Ion:	95	Resp:	42656
Ion Ratio	Lower	Upper	
95	100		
174	92.8	0.0	201.8
176	87.2	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076520.D
Acq: 21 Jun 2023 18:51

Tgt Ion:	117	Resp:	116203
Ion Ratio	Lower	Upper	
117	100		
82	48.1	38.3	57.5
119	32.2	25.0	37.4

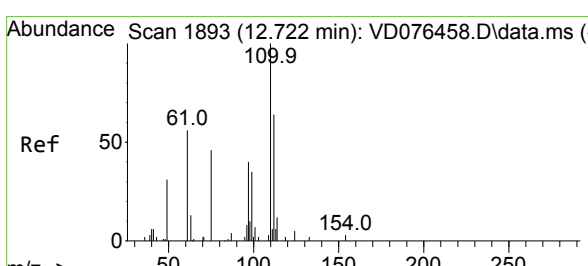
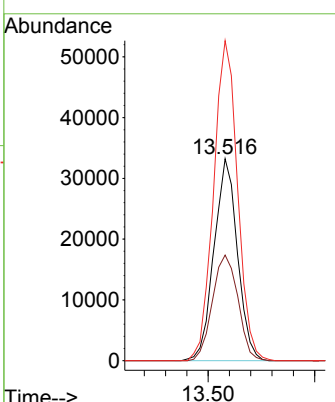
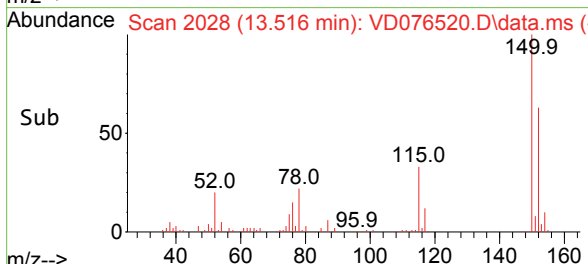
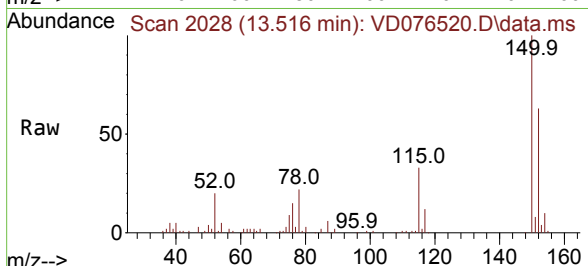




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076520.D
 Acq: 21 Jun 2023 18:51

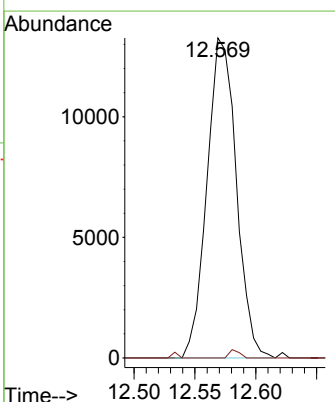
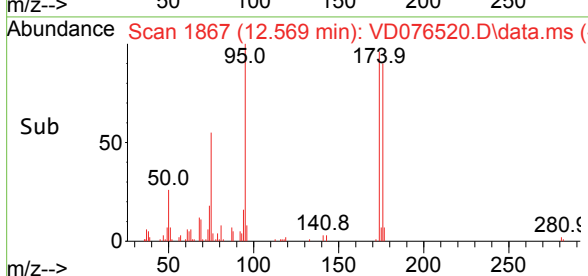
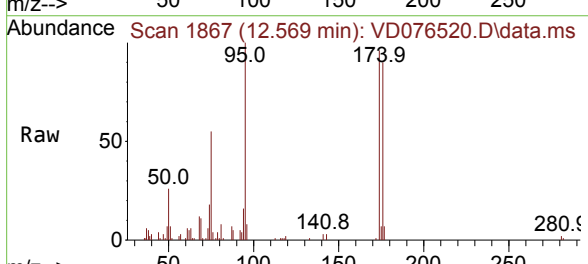
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-6.5-7.0

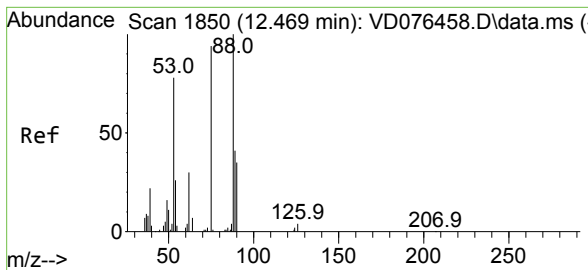
Tgt Ion:	152	Resp:	50667
Ion Ratio	Lower	Upper	
152	100		
115	57.0	27.1	81.3
150	161.9	0.0	353.6



#76
 1,2,3-Trichloropropane
 Concen: 44.289 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD076520.D
 Acq: 21 Jun 2023 18:51

Tgt Ion:	75	Resp:	22271
Ion Ratio	Lower	Upper	
75	100		
77	0.9	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.047 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076520.D
 Acq: 21 Jun 2023 18:51

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-6.5-7.0

Tgt Ion:	75	Resp:	22271
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

