

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076179.D
 Acq On : 22 May 2023 16:52
 Operator : KP/SY
 Sample : 02798-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WATERWITCH-AVE-SAMPLE

Quant Time: May 23 01:25:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

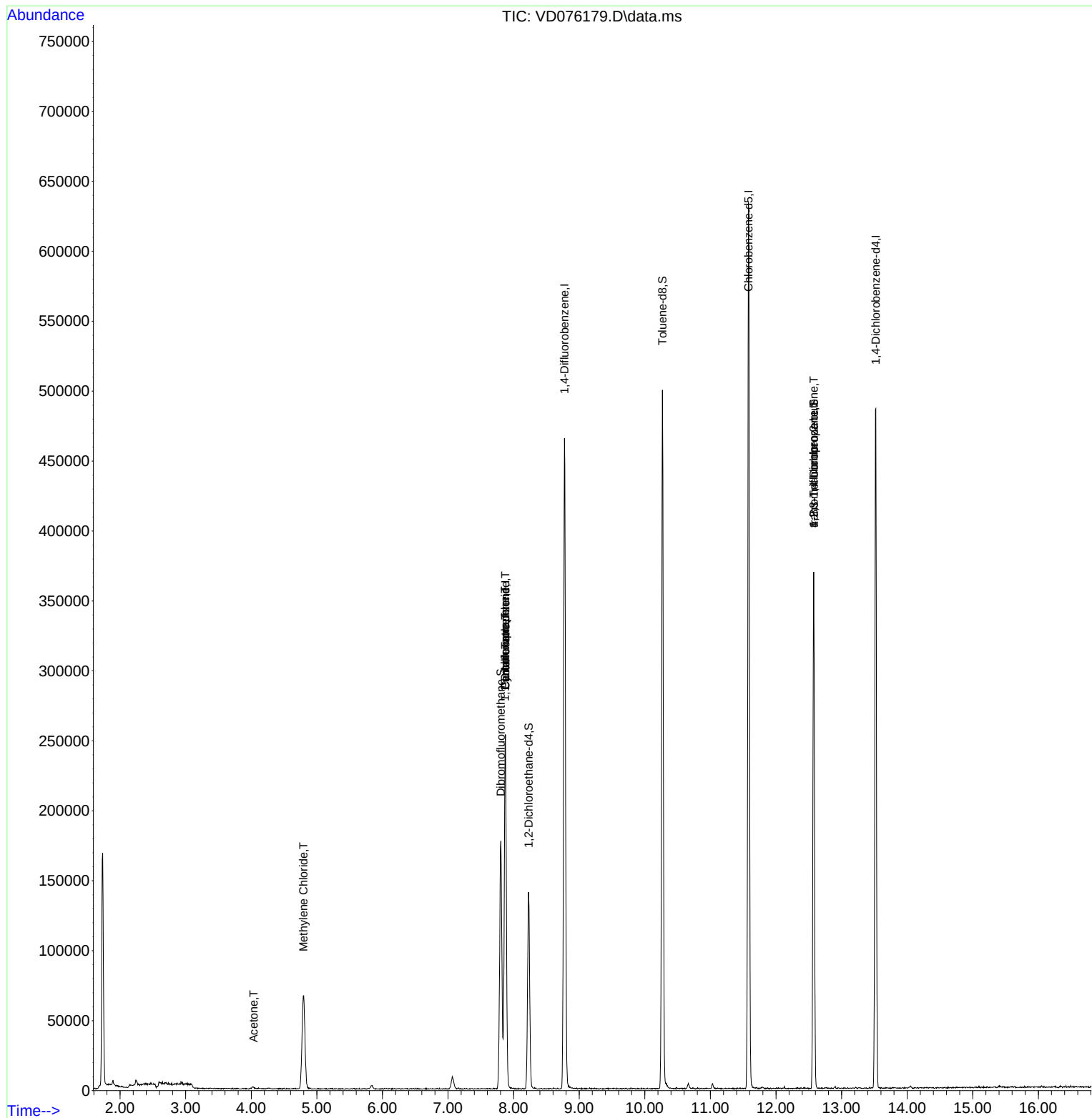
Internal Standards						
1) Pentafluorobenzene	7.875	168	200238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	443377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	389346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	138945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	106047	54.798	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.600%
35) Dibromofluoromethane	7.805	113	130908	42.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.420%
50) Toluene-d8	10.269	98	358934	30.044	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	60.080%
62) 4-Bromofluorobenzene	12.575	95	114550	34.516	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.040%
Target Compounds						
3) Chloromethane	2.146	50	423	Below Cal	#	60
16) Acetone	4.034	43	2261	5.872	ug/l #	83
17) Carbon Disulfide	4.264	76	1070	Below Cal	#	73
20) Methylene Chloride	4.793	84	58858	12.329	ug/l #	77
31) Cyclohexane	7.875	56	4370	1.474	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	16242	3.924	ug/l #	45
38) Carbon Tetrachloride	7.875	117	18588	4.972	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	57836	47.567	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	57836	99.788	ug/l #	5

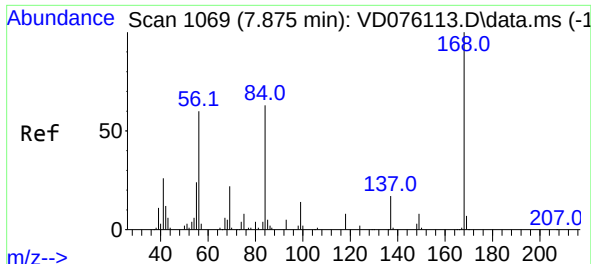
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
Data File : VD076179.D
Acq On : 22 May 2023 16:52
Operator : KP/SY
Sample : 02798-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WATERWATCH-AVE-SAMPLE

Quant Time: May 23 01:25:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

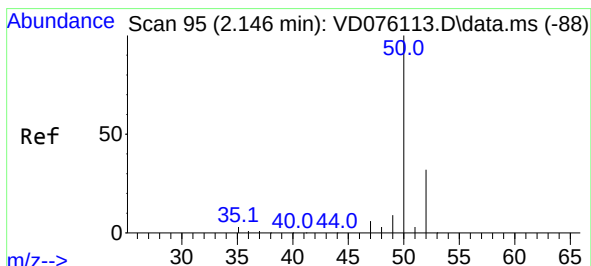
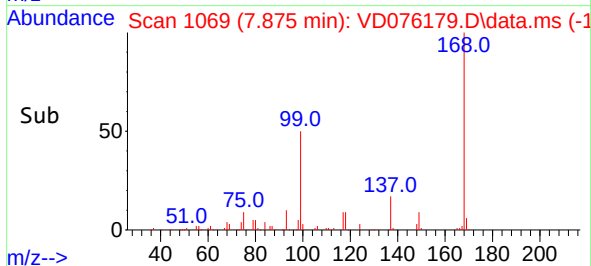
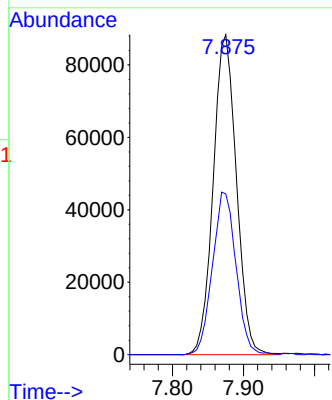
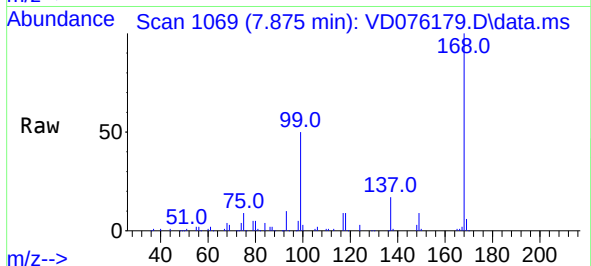




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD076179.D
Acq: 22 May 2023 16:52

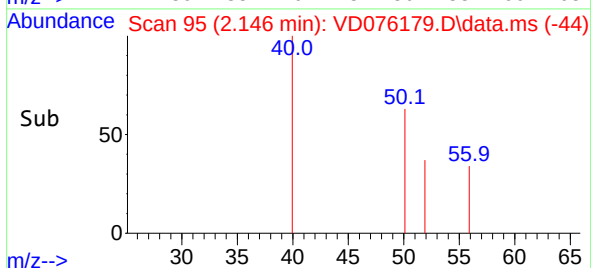
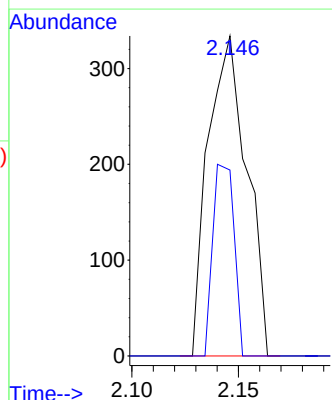
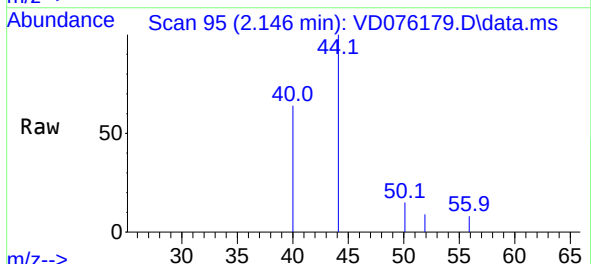
Instrument :
MSVOA_D
ClientSampleId :
WATERWITCH-AVE-SAMPLE

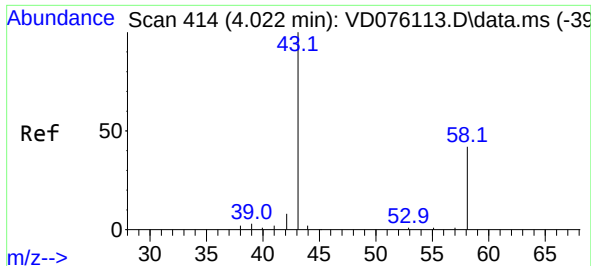
Tgt Ion:168 Resp: 200238
Ion Ratio Lower Upper
168 100
99 50.2 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076179.D
Acq: 22 May 2023 16:52

Tgt Ion: 50 Resp: 423
Ion Ratio Lower Upper
50 100
52 58.1 27.8 41.8#





#16

Acetone

Concen: 5.872 ug/l

RT: 4.034 min Scan# 414

Delta R.T. 0.012 min

Lab File: VD076179.D

Acq: 22 May 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

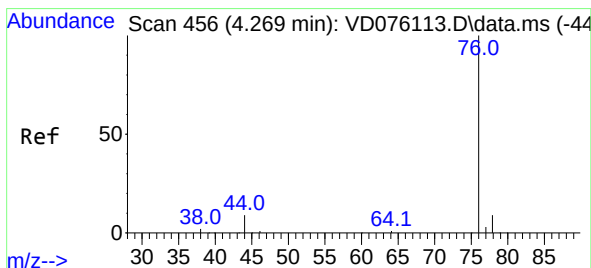
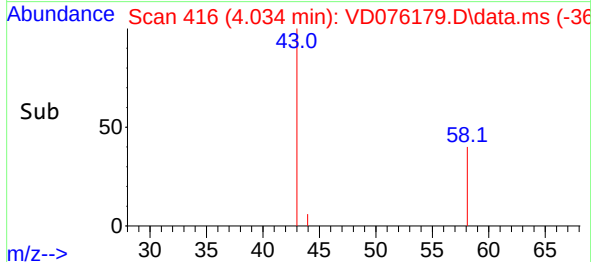
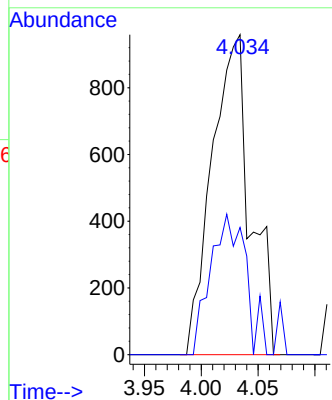
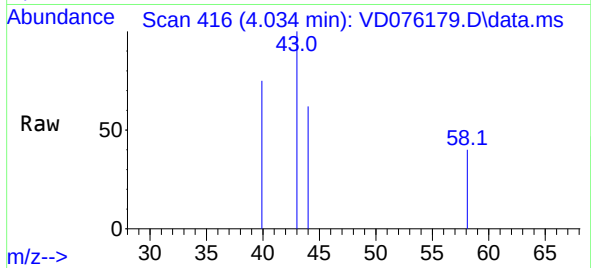
WATERWITCH-AVE-SAMPLE

Tgt Ion: 43 Resp: 2261

Ion Ratio Lower Upper

43 100

58 39.7 24.4 36.6#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.264 min Scan# 455

Delta R.T. -0.005 min

Lab File: VD076179.D

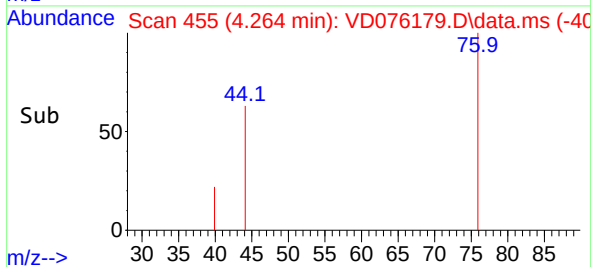
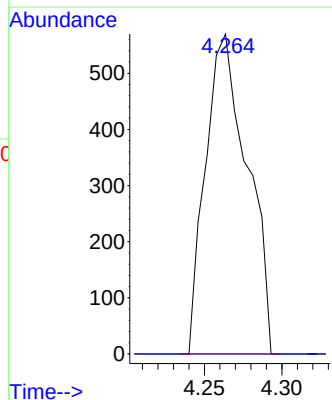
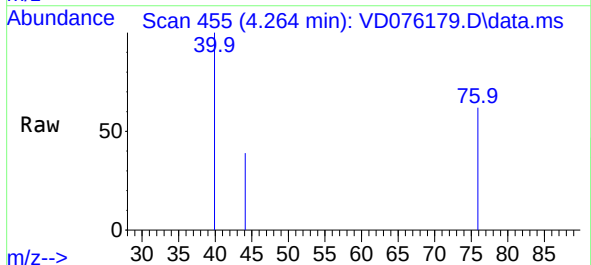
Acq: 22 May 2023 16:52

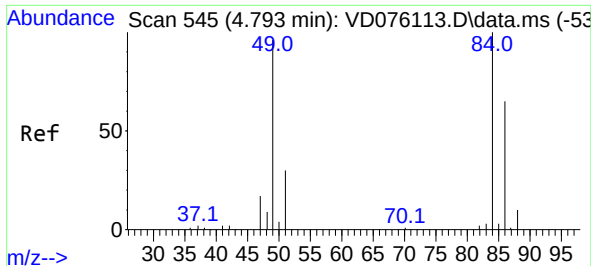
Tgt Ion: 76 Resp: 1070

Ion Ratio Lower Upper

76 100

78 0.0 8.0 12.0#

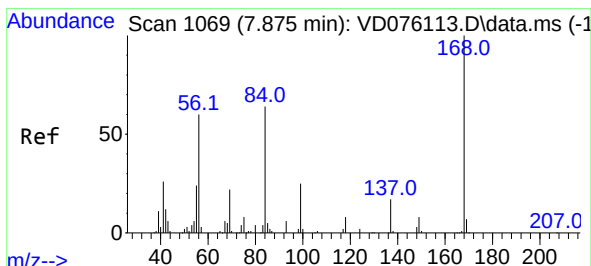
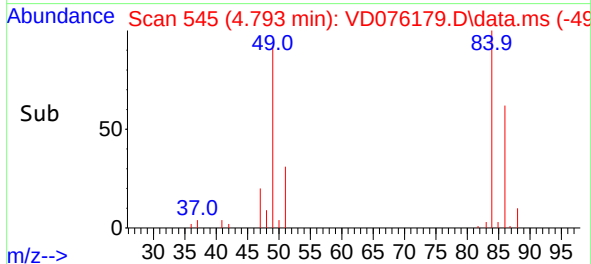
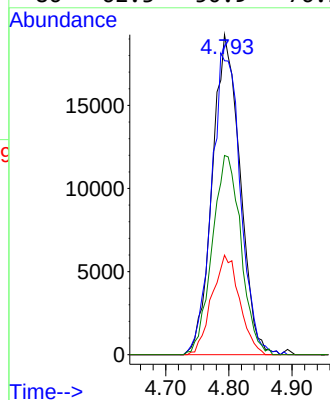
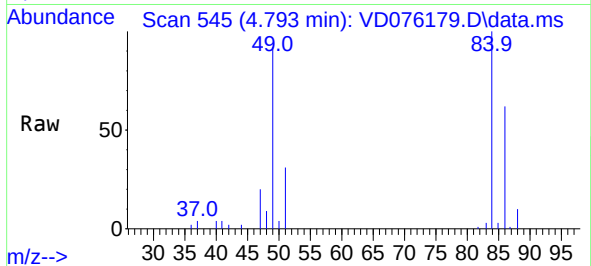




#20
Methylene Chloride
Concen: 12.329 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076179.D
Acq: 22 May 2023 16:52

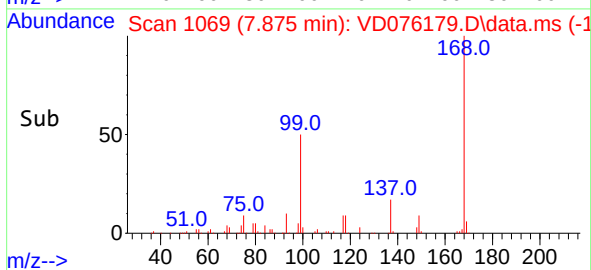
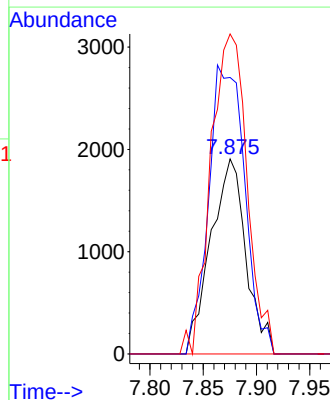
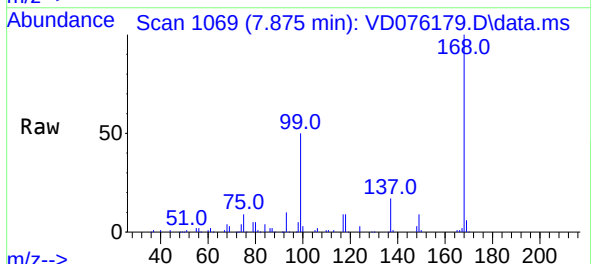
Instrument :
MSVOA_D
ClientSampleId :
WATERWITCH-AVE-SAMPLE

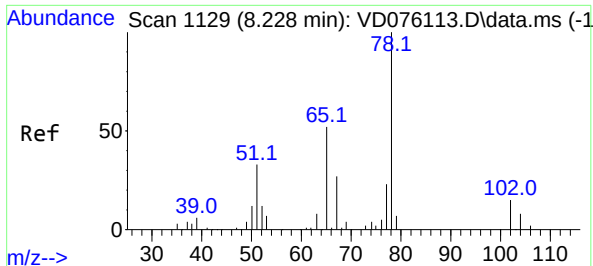
Tgt Ion:	84	Resp:	58858
Ion	Ratio	Lower	Upper
84	100		
49	91.9	106.4	159.6#
51	31.1	32.4	48.6#
86	62.3	50.9	76.3



#31
Cyclohexane
Concen: 1.474 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076179.D
Acq: 22 May 2023 16:52

Tgt Ion:	56	Resp:	4370
Ion	Ratio	Lower	Upper
56	100		
69	141.8	25.5	38.3#
84	164.1	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 54.798 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076179.D

Acq: 22 May 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

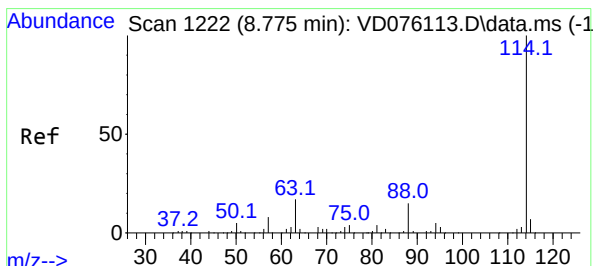
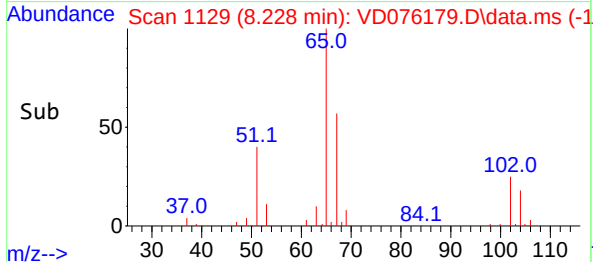
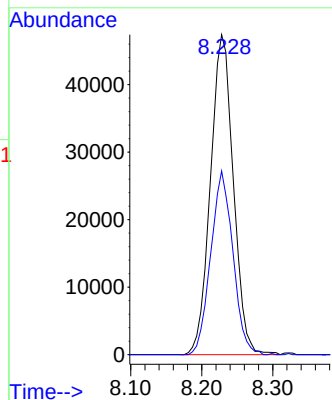
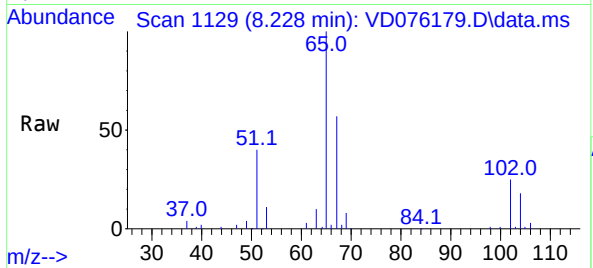
WATERWITCH-AVE-SAMPLE

Tgt Ion: 65 Resp: 106047

Ion Ratio Lower Upper

65 100

67 55.5 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076179.D

Acq: 22 May 2023 16:52

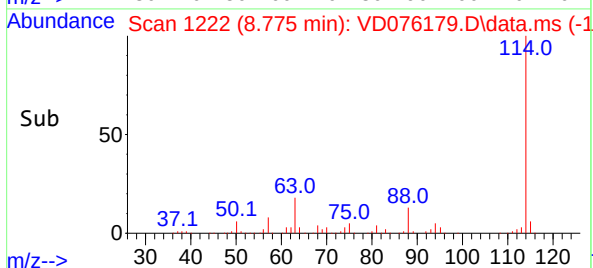
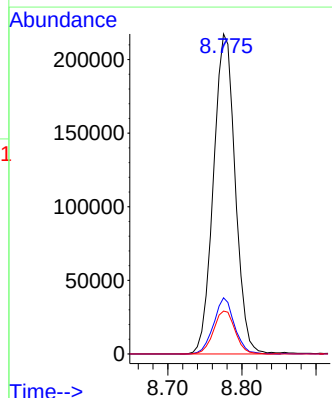
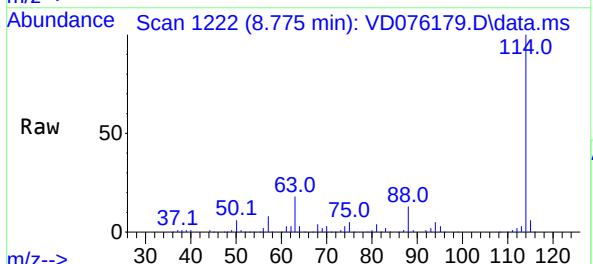
Tgt Ion: 114 Resp: 443377

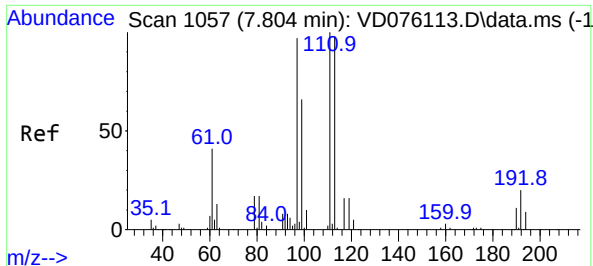
Ion Ratio Lower Upper

114 100

63 17.6 0.0 41.6

88 13.4 0.0 30.6

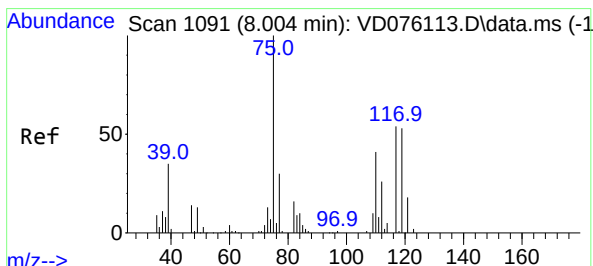
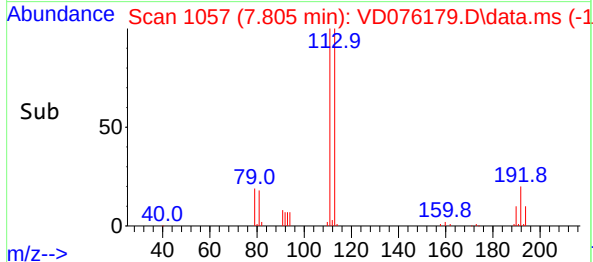
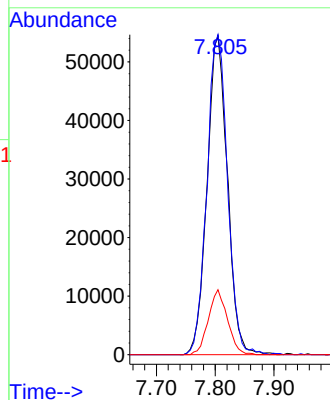
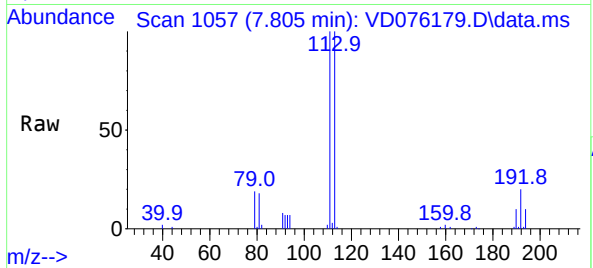




#35
Dibromofluoromethane
Concen: 42.715 ug/l
RT: 7.805 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VD076179.D
Acq: 22 May 2023 16:52

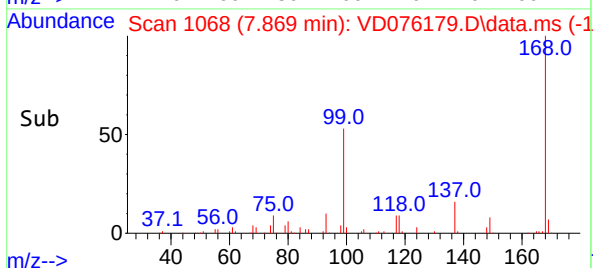
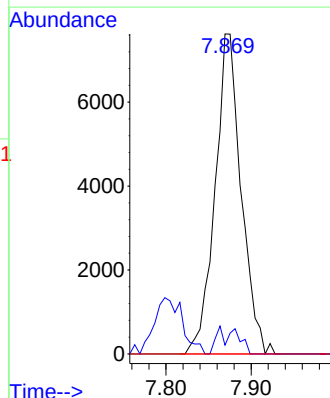
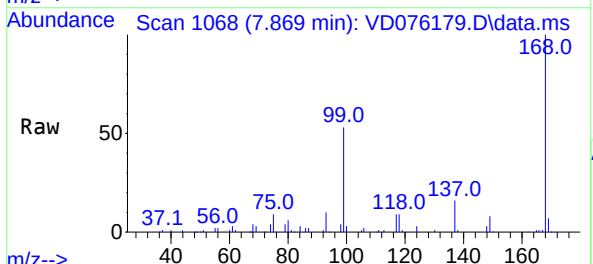
Instrument :
MSVOA_D
ClientSampleId :
WATERWITCH-AVE-SAMPLE

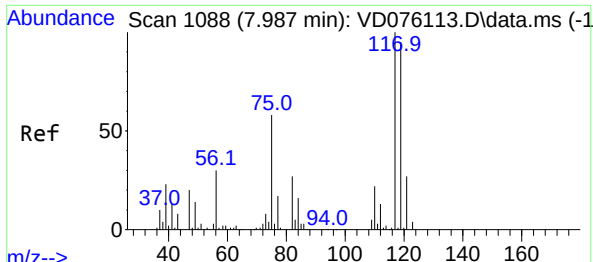
Tgt Ion:	113	Resp:	130908
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	19.1	15.2	22.8



#36
1,1-Dichloropropene
Concen: 3.924 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD076179.D
Acq: 22 May 2023 16:52

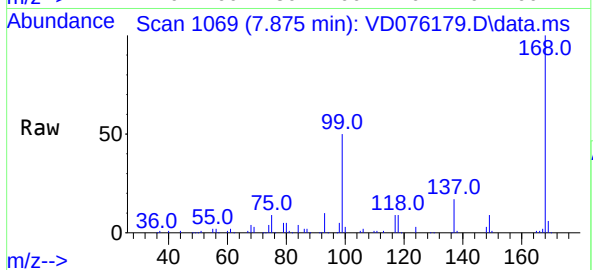
Tgt Ion:	75	Resp:	16242
Ion	Ratio	Lower	Upper
75	100		
110	2.7	17.1	51.2#
77	0.0	24.6	36.8#



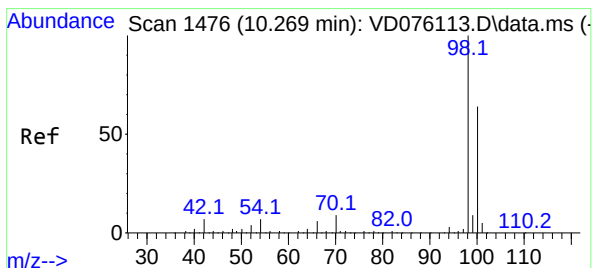
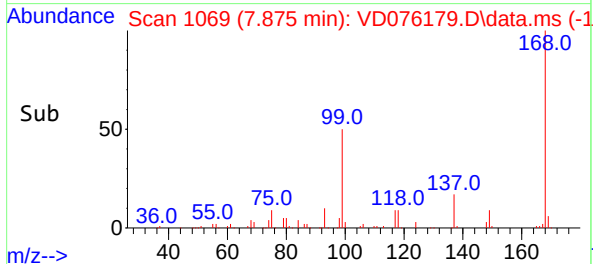
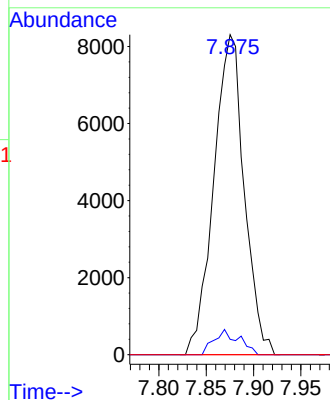


#38
Carbon Tetrachloride
Concen: 4.972 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076179.D
Acq: 22 May 2023 16:52

Instrument : MSVOA_D
ClientSampleId : WATERWITCH-AVE-SAMPLE

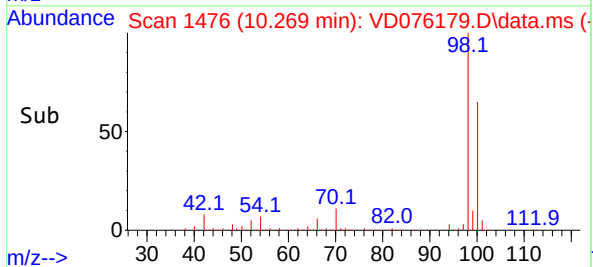
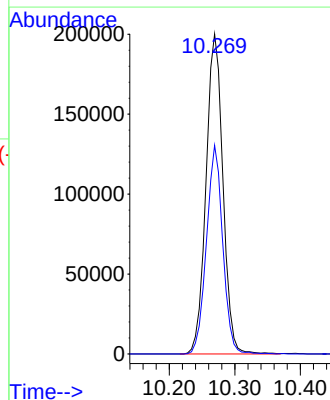
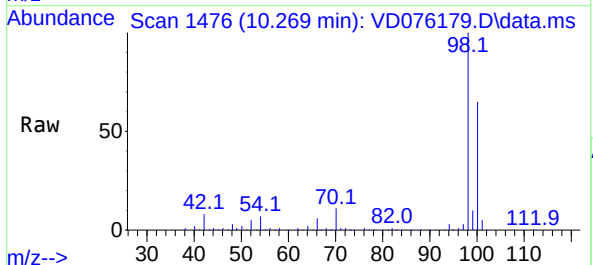


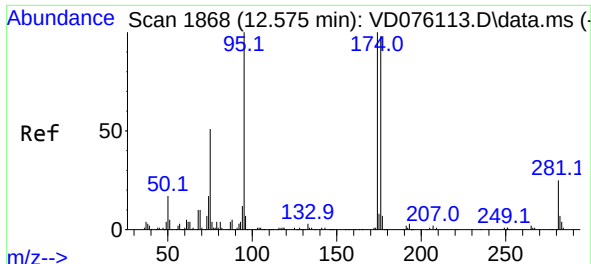
Tgt Ion:117 Resp: 18588
Ion Ratio Lower Upper
117 100
119 4.8 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 30.044 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076179.D
Acq: 22 May 2023 16:52

Tgt Ion: 98 Resp: 358934
Ion Ratio Lower Upper
98 100
100 62.8 52.1 78.1

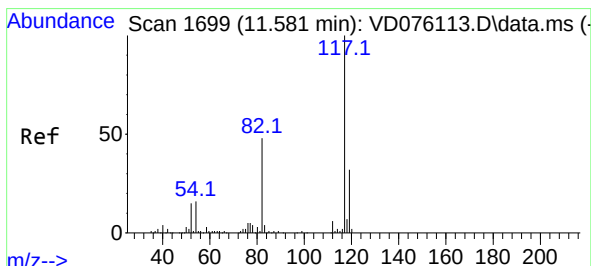
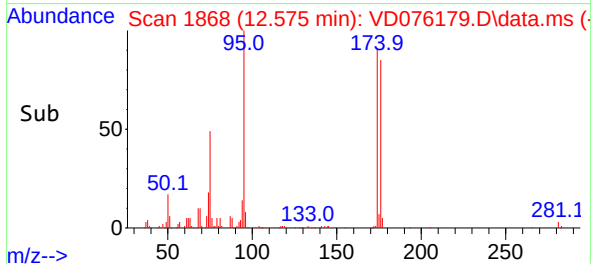
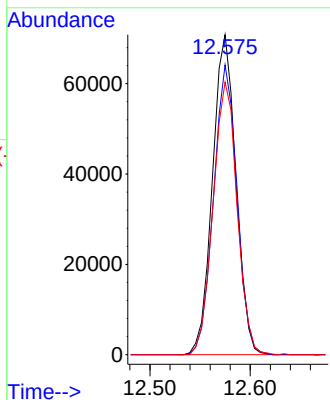
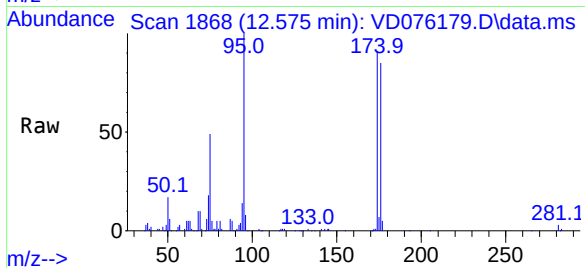




#62
4-Bromofluorobenzene
Concen: 34.516 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076179.D
Acq: 22 May 2023 16:52

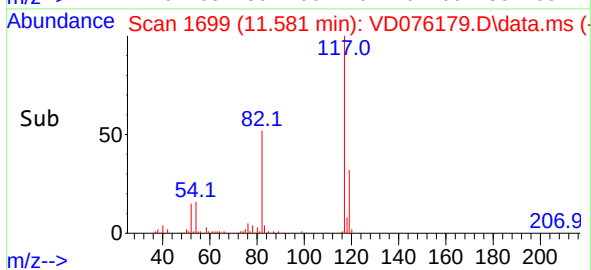
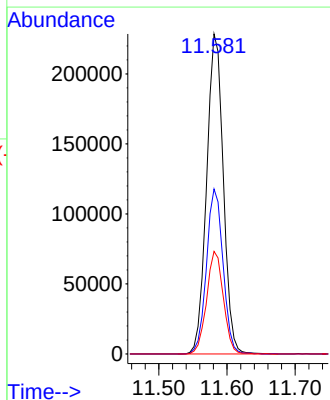
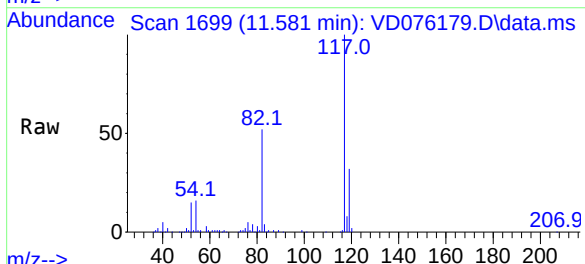
Instrument : MSVOA_D
ClientSampleId : WATERWITCH-AVE-SAMPLE

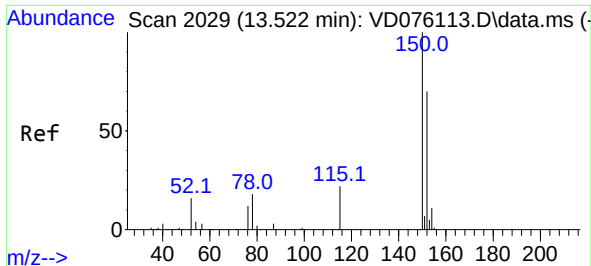
Tgt Ion:	95	Resp:	114550
Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	164.0
176	87.2	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076179.D
Acq: 22 May 2023 16:52

Tgt Ion:	117	Resp:	389346
Ion	Ratio	Lower	Upper
117	100		
82	51.5	44.0	66.0
119	32.0	25.1	37.7

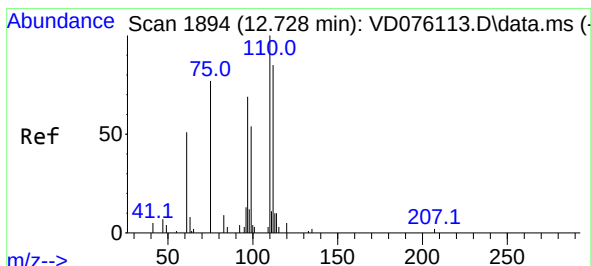
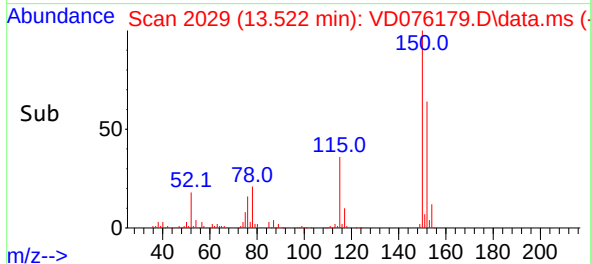
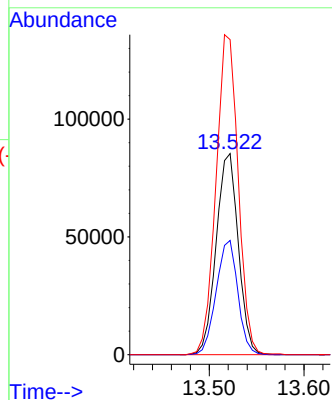
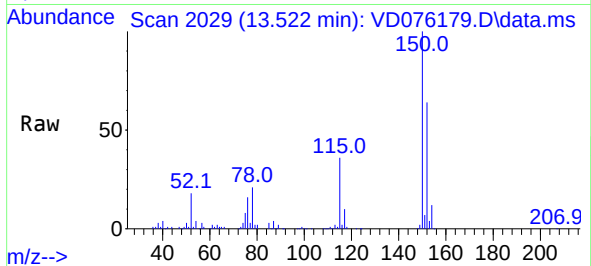




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD076179.D
 Acq: 22 May 2023 16:52

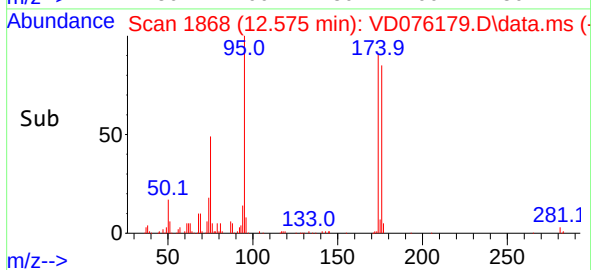
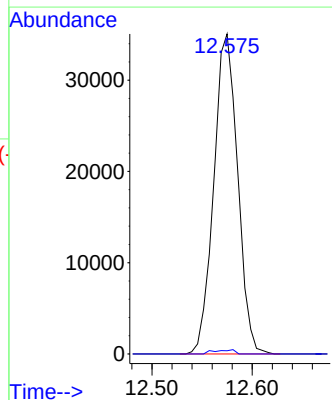
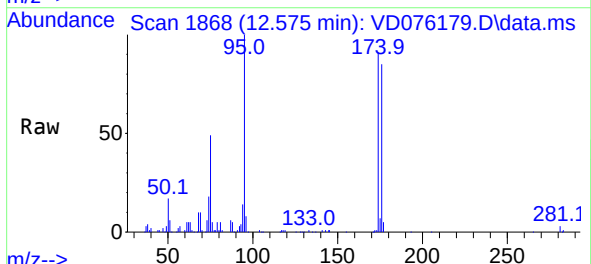
Instrument :
 MSVOA_D
 ClientSampleId :
 WATERWITCH-AVE-SAMPLE

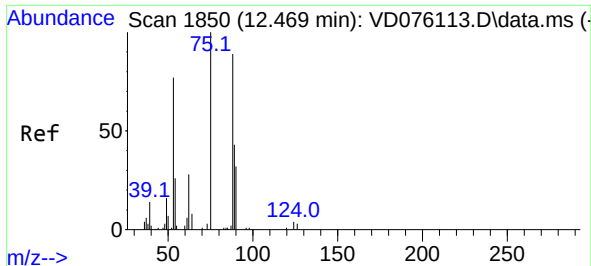
Tgt Ion:152 Resp: 138945
 Ion Ratio Lower Upper
 152 100
 115 55.5 30.1 90.3
 150 159.4 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 47.567 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD076179.D
 Acq: 22 May 2023 16:52

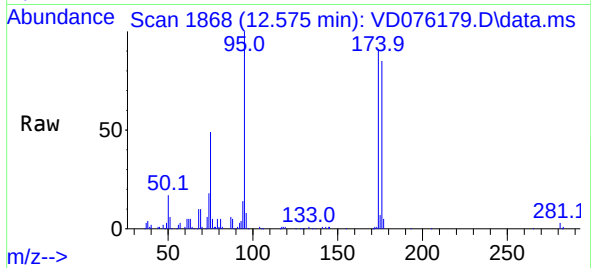
Tgt Ion: 75 Resp: 57836
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 99.788 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD076179.D
Acq: 22 May 2023 16:52

Instrument :
MSVOA_D
ClientSampleId :
WATERWITCH-AVE-SAMPLE



Tgt Ion: 75 Resp: 57836
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.1 40.2 60.4#

