

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078209.D
 Acq On : 23 Jan 2024 15:41
 Operator : RP/MD
 Sample : P1219-01RE
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 222177

Quant Time: Jan 24 00:22:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

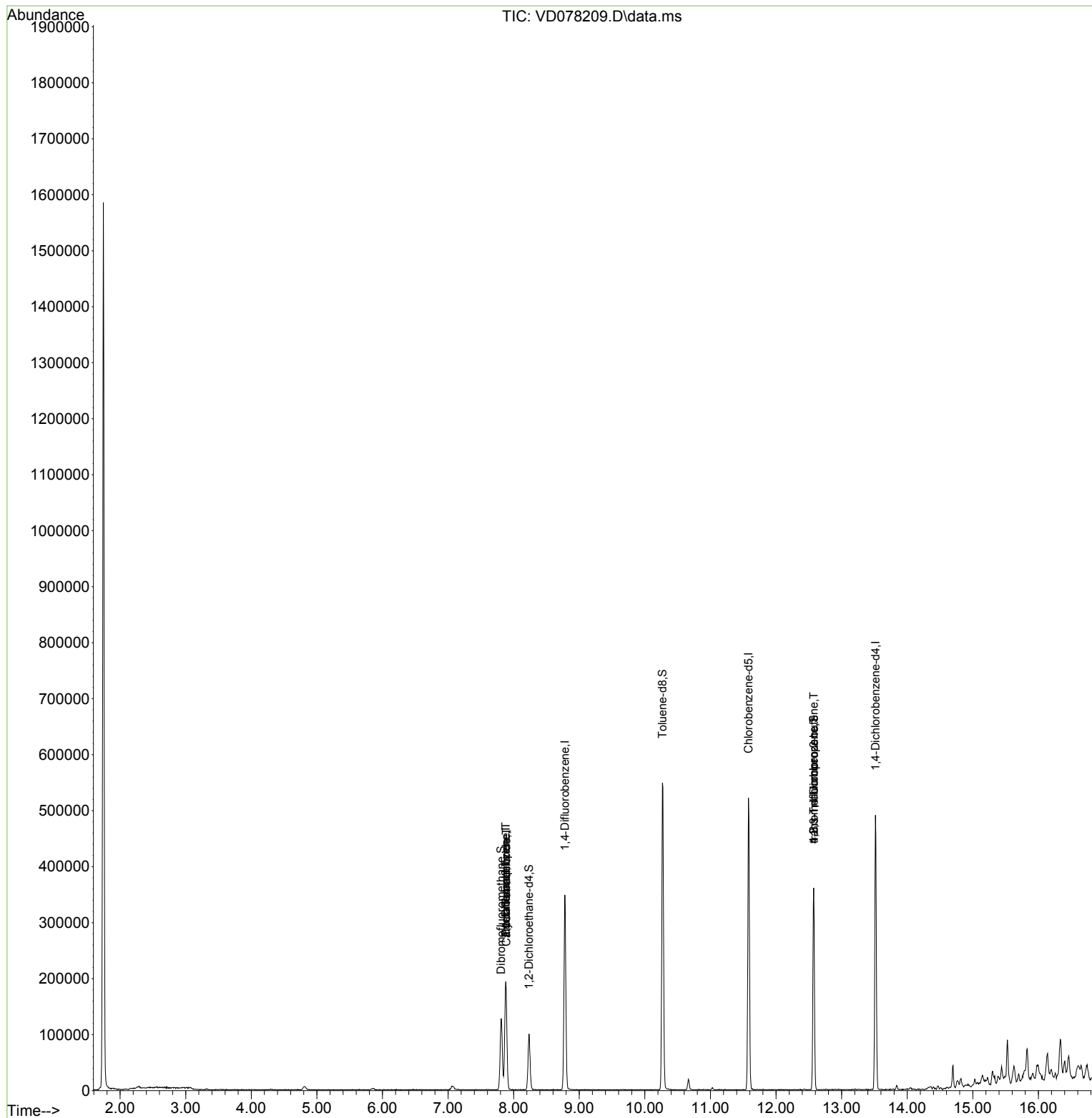
Internal Standards						
1) Pentafluorobenzene	7.881	168	143992	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	302025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	295505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	122949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72952	44.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.760%
35) Dibromofluoromethane	7.810	113	93243	46.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.820%
50) Toluene-d8	10.269	98	384962	48.911	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.575	95	111589	48.889	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.780%
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	281	Below Cal	#	41
16) Acetone	4.016	43	374	Below Cal	#	32
20) Methylene Chloride	4.810	84	4989	Below Cal	#	84
25) 2-Butanone	7.087	43	278	Below Cal	#	37
31) Cyclohexane	7.881	56	3609	1.187	ug/l	# 44
36) 1,1-Dichloropropene	7.881	75	12571	3.846	ug/l	# 49
38) Carbon Tetrachloride	7.887	117	15503	4.802	ug/l	# 15
76) 1,2,3-Trichloropropane	12.575	75	59135	50.147	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	59135	108.018	ug/l	# 17

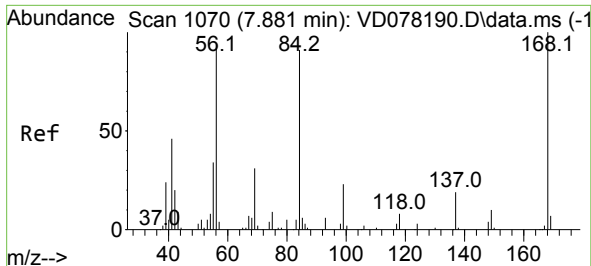
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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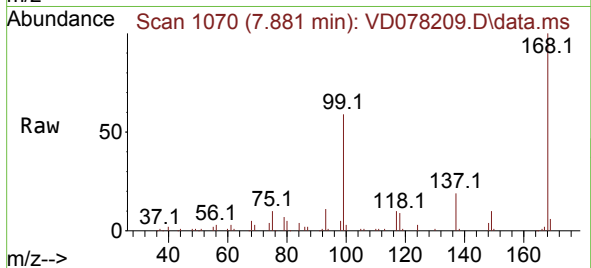
Quant Time: Jan 24 00:22:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
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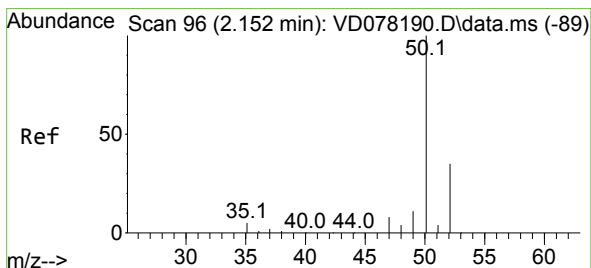
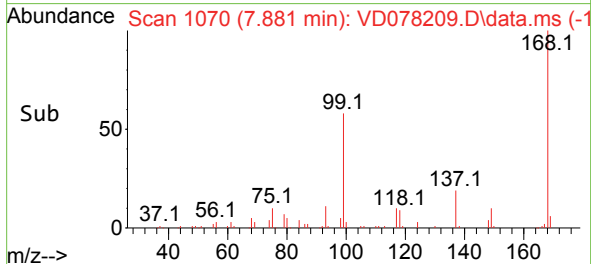
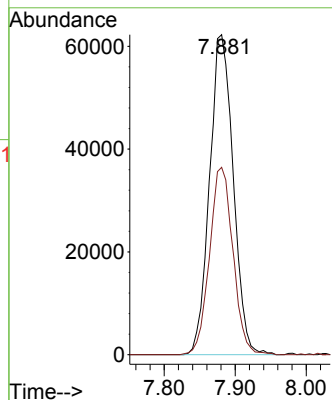


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD078209.D
Acq: 23 Jan 2024 15:41

Instrument :
MSVOA_D
ClientSampleId :
222177

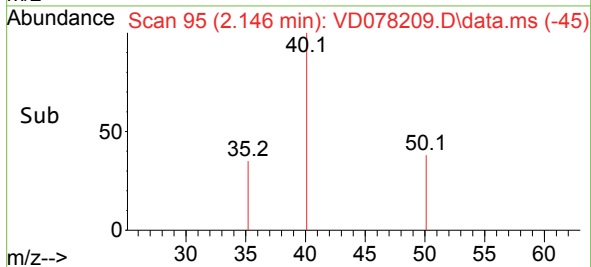
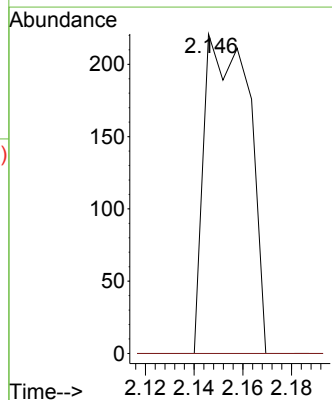
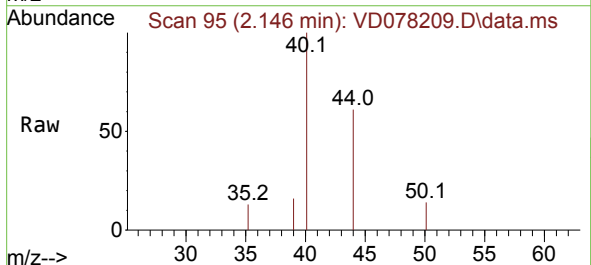


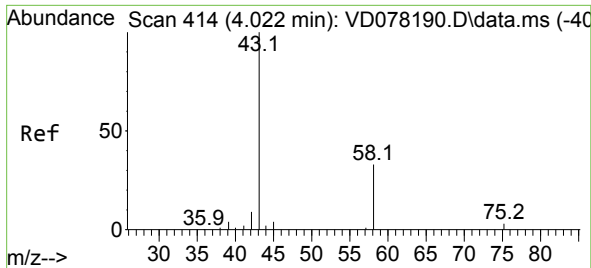
Tgt Ion:168 Resp: 143992
Ion Ratio Lower Upper
168 100
99 58.5 36.7 55.1#



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD078209.D
Acq: 23 Jan 2024 15:41

Tgt Ion: 50 Resp: 281
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

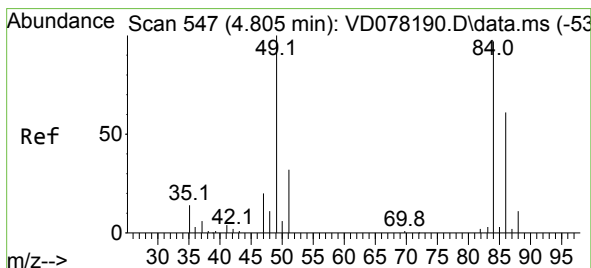
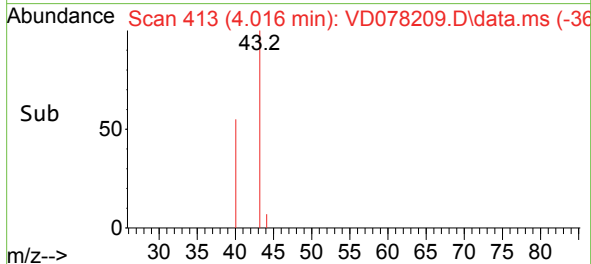
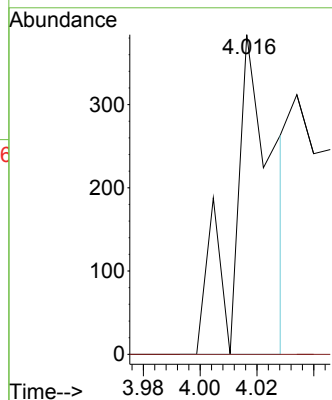
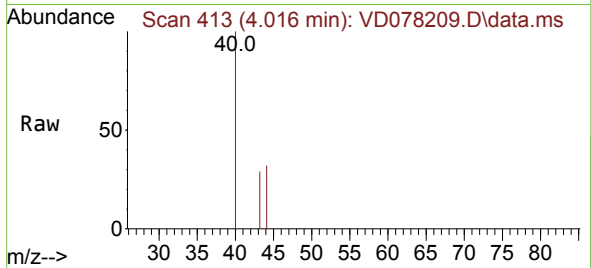




#16
Acetone
Concen: Below Cal
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078209.D
Acq: 23 Jan 2024 15:41

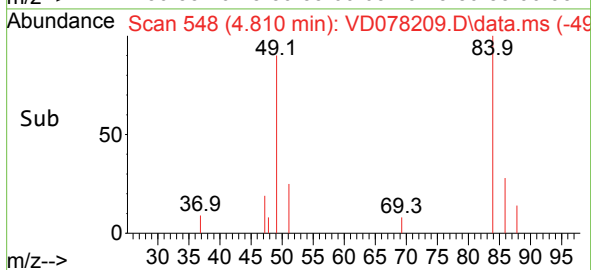
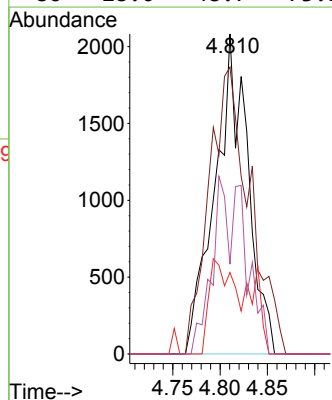
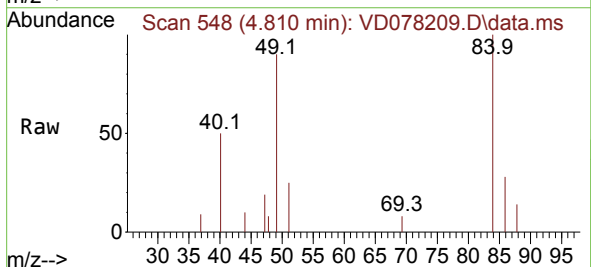
Instrument :
MSVOA_D
ClientSampleId :
222177

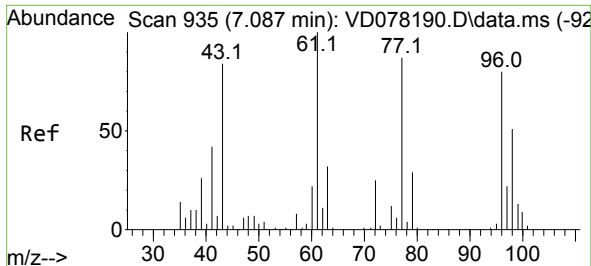
Tgt Ion: 43 Resp: 374
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD078209.D
Acq: 23 Jan 2024 15:41

Tgt Ion: 84 Resp: 4989
Ion Ratio Lower Upper
84 100
49 89.7 71.4 107.2
51 25.5 24.5 36.7
86 28.0 48.7 73.1#





#25

2-Butanone

Concen: Below Cal

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078209.D

Acq: 23 Jan 2024 15:41

Instrument :

MSVOA_D

ClientSampleId :

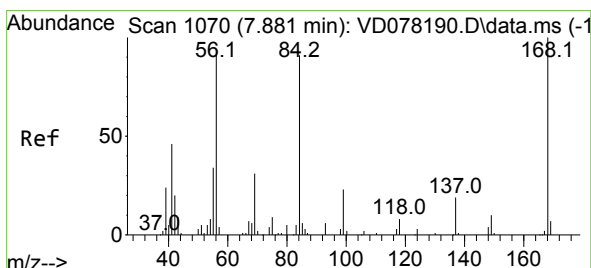
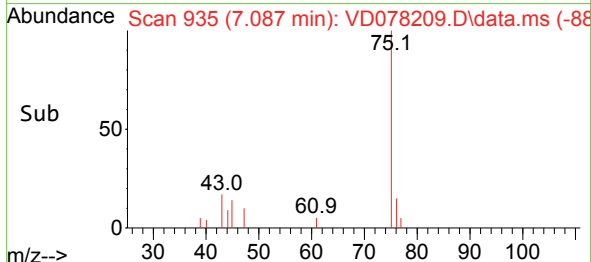
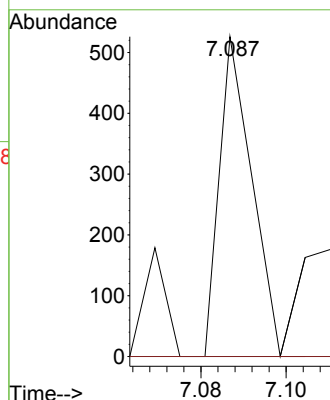
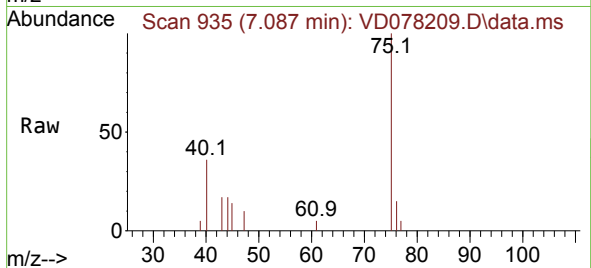
222177

Tgt Ion: 43 Resp: 278

Ion Ratio Lower Upper

43 100

72 0.0 30.7 46.1#



#31

Cyclohexane

Concen: 1.187 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078209.D

Acq: 23 Jan 2024 15:41

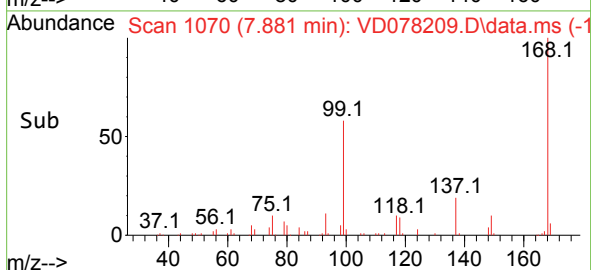
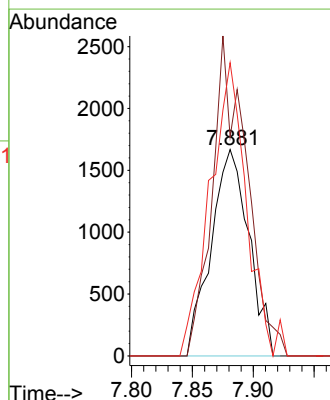
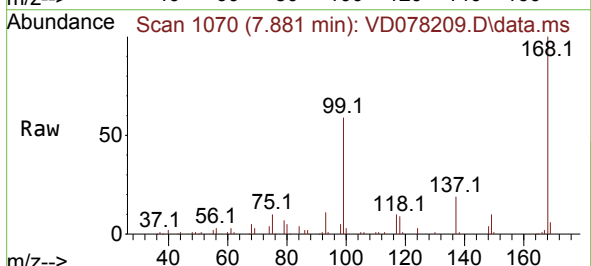
Tgt Ion: 56 Resp: 3609

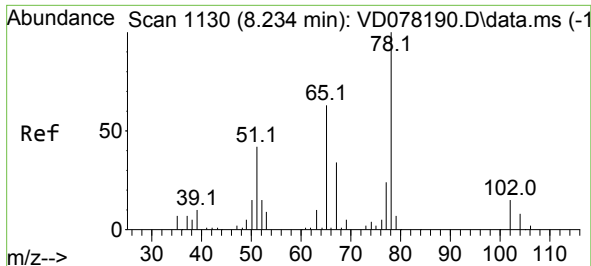
Ion Ratio Lower Upper

56 100

69 106.1 28.6 43.0#

84 142.1 84.8 127.2#

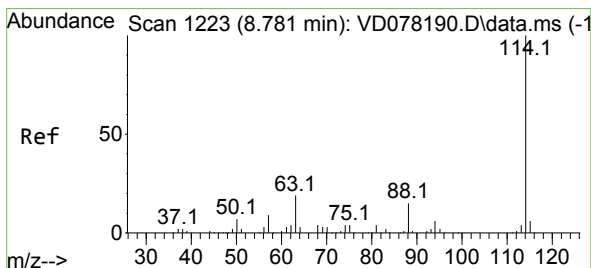
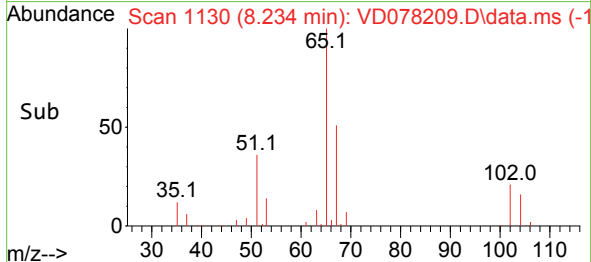
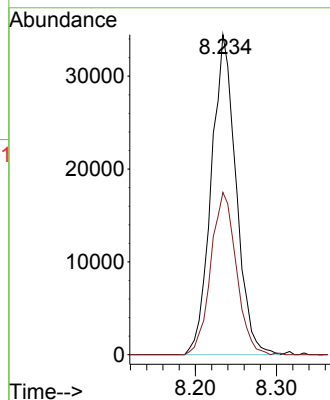
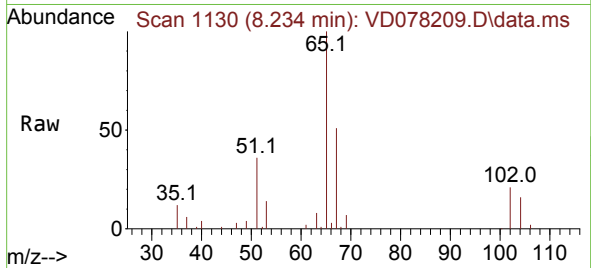




#33
 1,2-Dichloroethane-d4
 Concen: 44.380 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VD078209.D
 Acq: 23 Jan 2024 15:41

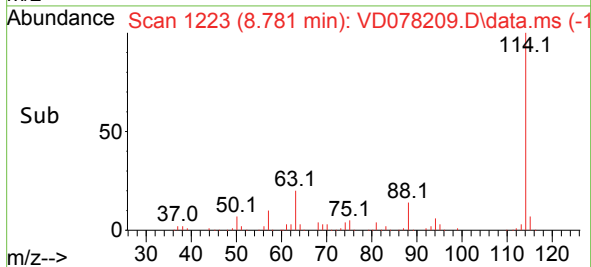
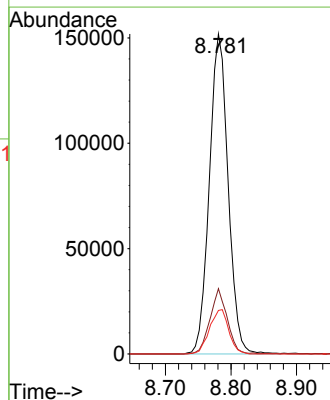
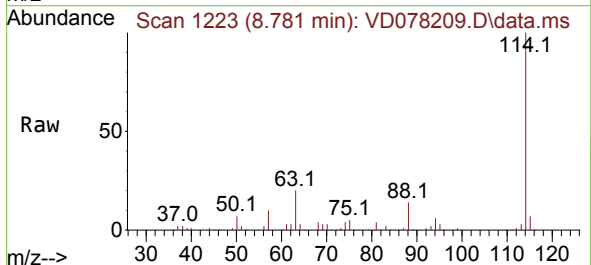
Instrument :
 MSVOA_D
 ClientSampleId :
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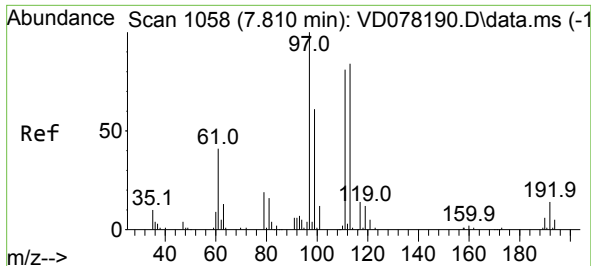
Tgt Ion: 65 Resp: 72952
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: VD078209.D
 Acq: 23 Jan 2024 15:41

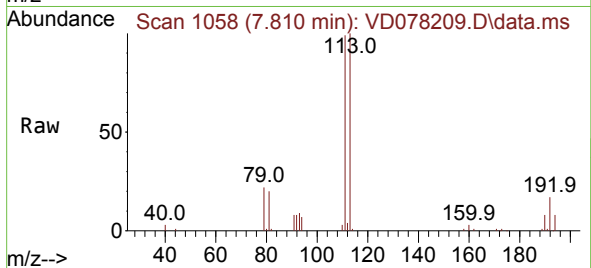
Tgt Ion: 114 Resp: 302025
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 33.4
 88 13.6 0.0 26.2



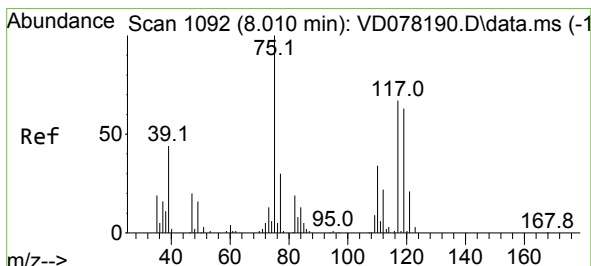
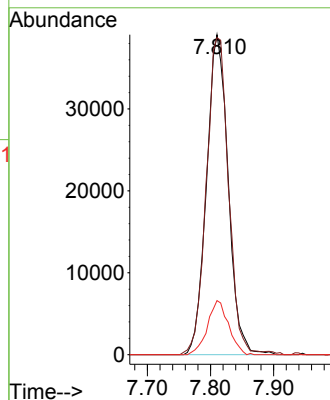
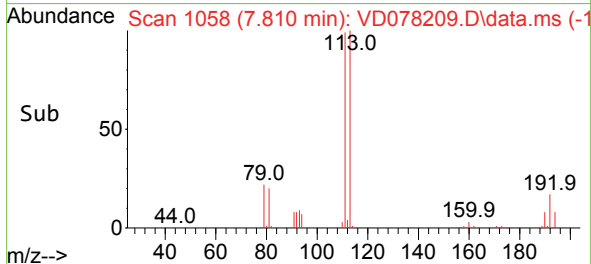


#35
Dibromofluoromethane
Concen: 46.909 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078209.D
Acq: 23 Jan 2024 15:41

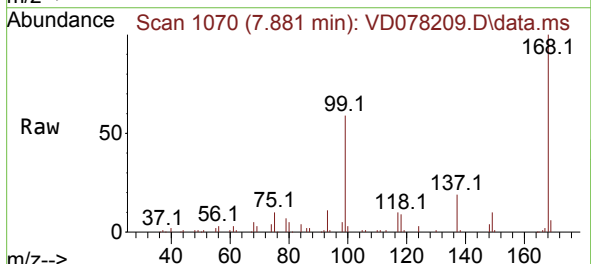
Instrument :
MSVOA_D
ClientSampleId :
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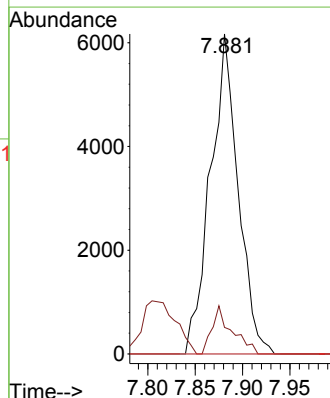
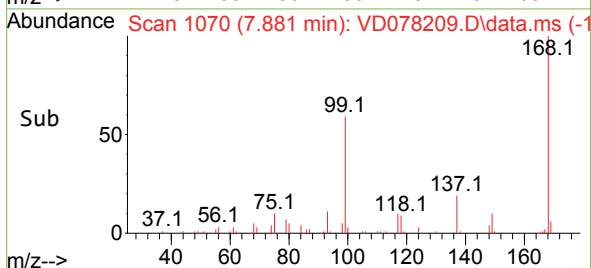
Tgt Ion:113 Resp: 93243
Ion Ratio Lower Upper
113 100
111 100.7 84.7 127.1
192 16.5 16.8 25.2#

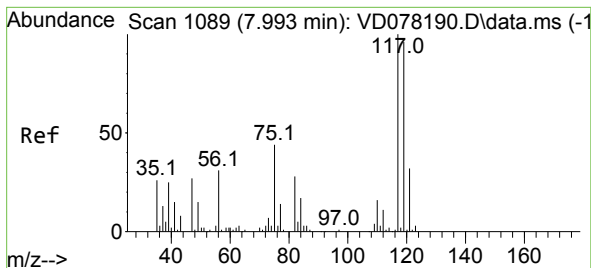


#36
1,1-Dichloropropene
Concen: 3.846 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD078209.D
Acq: 23 Jan 2024 15:41



Tgt Ion: 75 Resp: 12571
Ion Ratio Lower Upper
75 100
110 10.8 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.802 ug/l

RT: 7.887 min Scan# 10

Delta R.T. -0.106 min

Lab File: VD078209.D

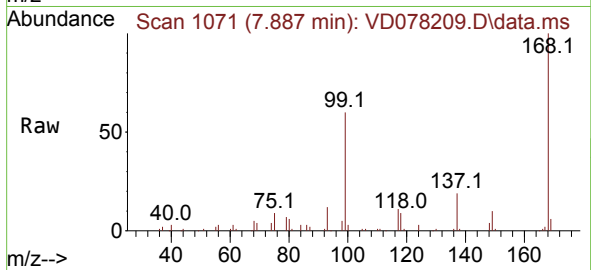
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Instrument :

MSVOA_D

ClientSampleId :

222177



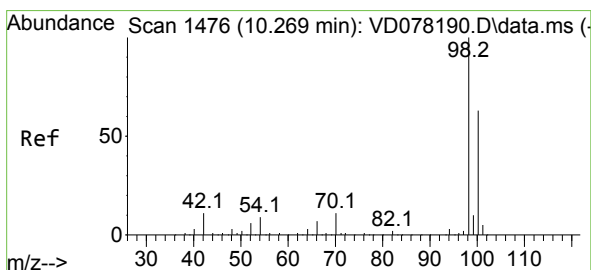
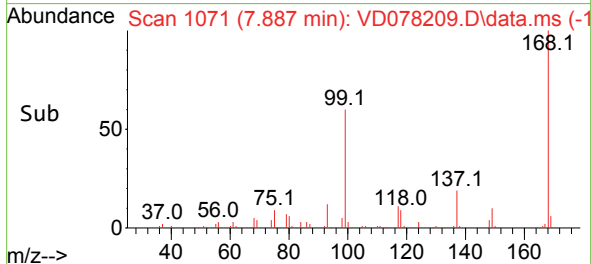
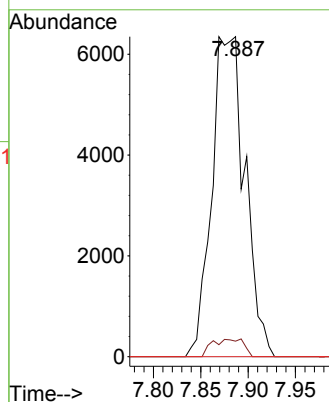
Tgt Ion:117 Resp: 15503

Ion Ratio Lower Upper

117 100

119 4.9 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 48.911 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078209.D

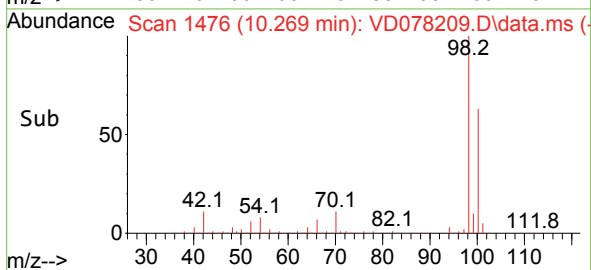
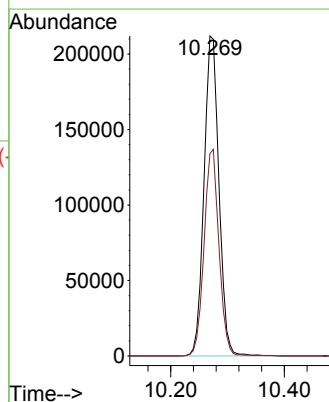
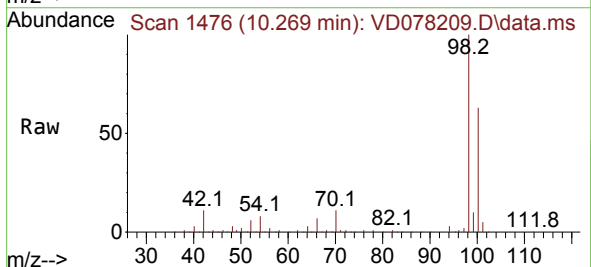
Acq: 23 Jan 2024 15:41

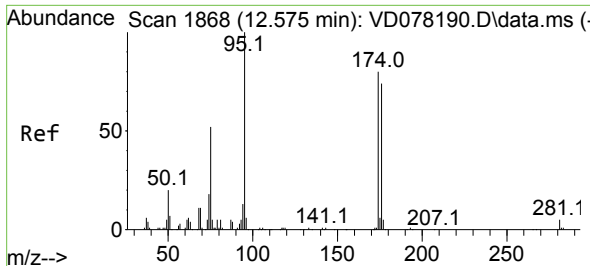
Tgt Ion: 98 Resp: 384962

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

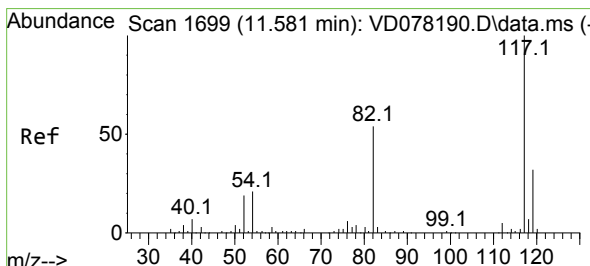
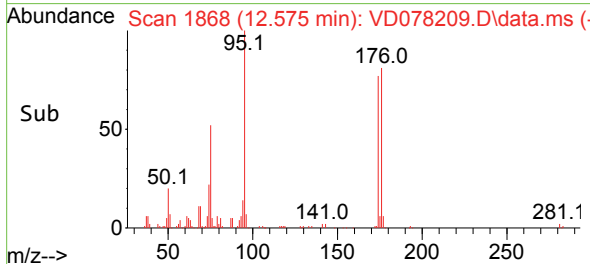
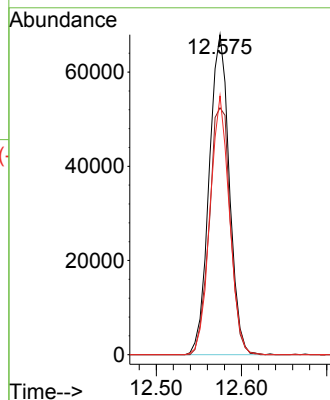
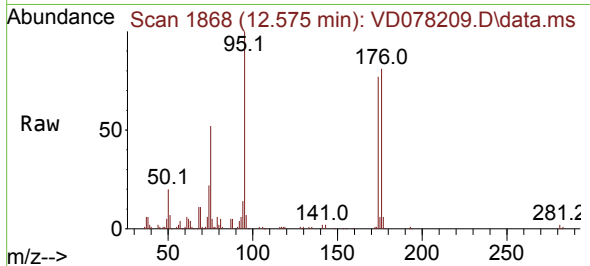




#62
4-Bromofluorobenzene
Concen: 48.889 ug/l
RT: 12.575 min Scan# 111589
Delta R.T. -0.000 min
Lab File: VD078209.D
Acq: 23 Jan 2024 15:41

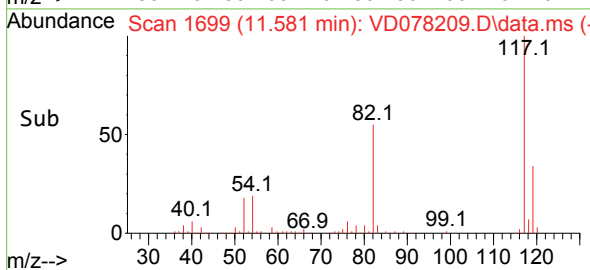
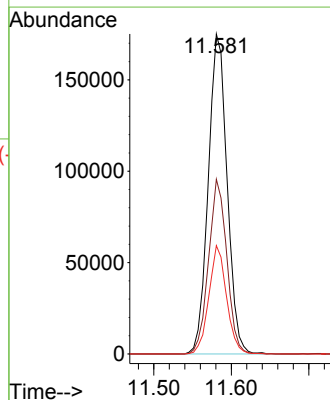
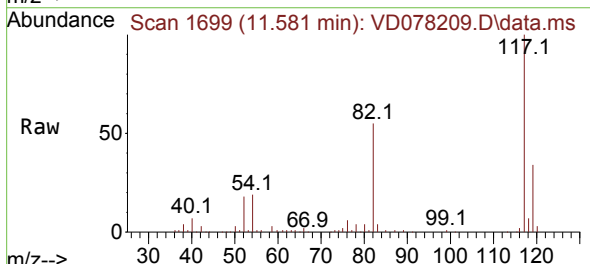
Instrument :
MSVOA_D
ClientSampleId :
222177

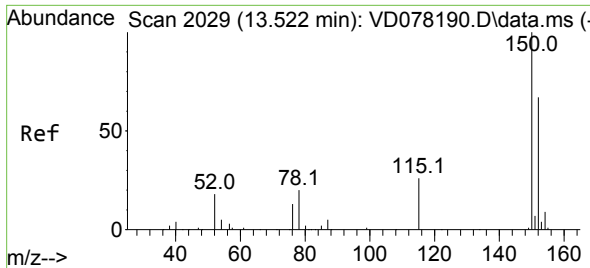
Tgt Ion: 95 Resp: 111589
Ion Ratio Lower Upper
95 100
174 80.7 0.0 201.8
176 77.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078209.D
Acq: 23 Jan 2024 15:41

Tgt Ion: 117 Resp: 295505
Ion Ratio Lower Upper
117 100
82 54.6 38.3 57.5
119 33.9 25.0 37.4

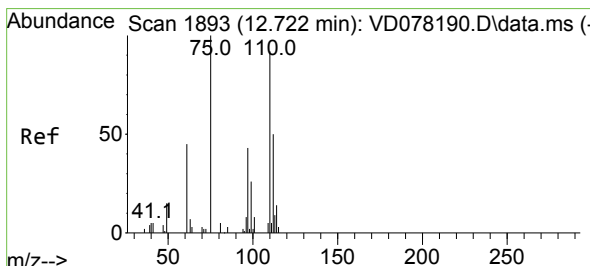
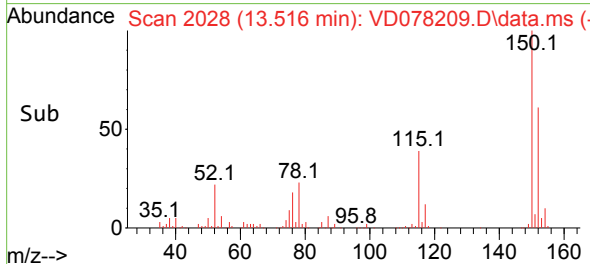
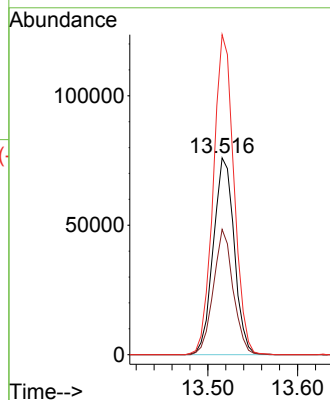
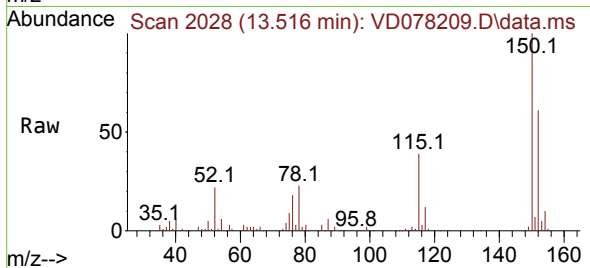




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD078209.D
 Acq: 23 Jan 2024 15:41

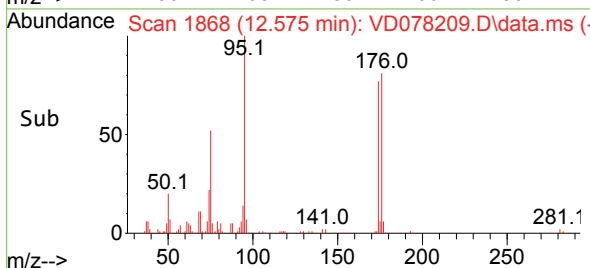
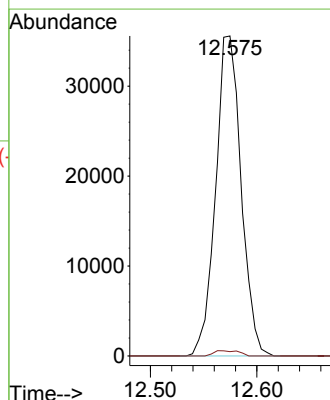
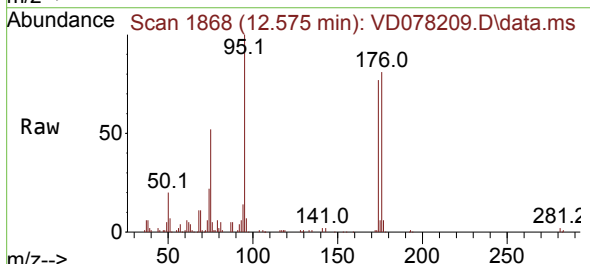
Instrument :
 MSVOA_D
 ClientSampleId :
 222177

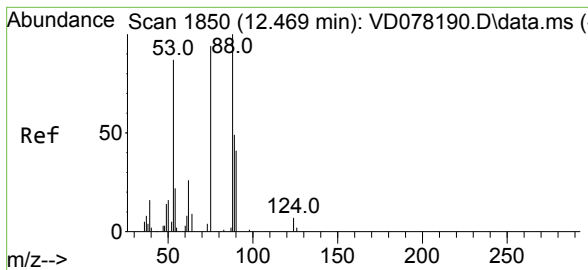
Tgt Ion:152 Resp: 122949
 Ion Ratio Lower Upper
 152 100
 115 60.3 27.1 81.3
 150 160.7 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 50.147 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078209.D
 Acq: 23 Jan 2024 15:41

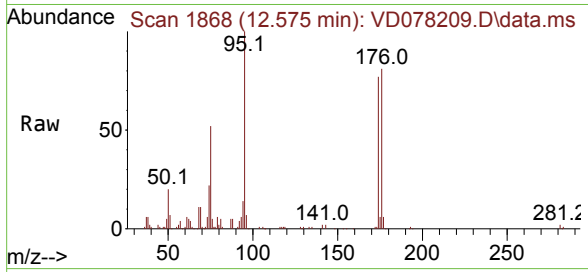
Tgt Ion: 75 Resp: 59135
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.018 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078209.D
 Acq: 23 Jan 2024 15:41

Instrument :
 MSVOA_D
 ClientSampleId :
 222177



Tgt Ion:	75	Resp:	59135
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

