

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078225.D
 Acq On : 24 Jan 2024 16:13
 Operator : RP/MD
 Sample : P1237-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-9.5-10.0

Quant Time: Jan 25 00:28:07 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)

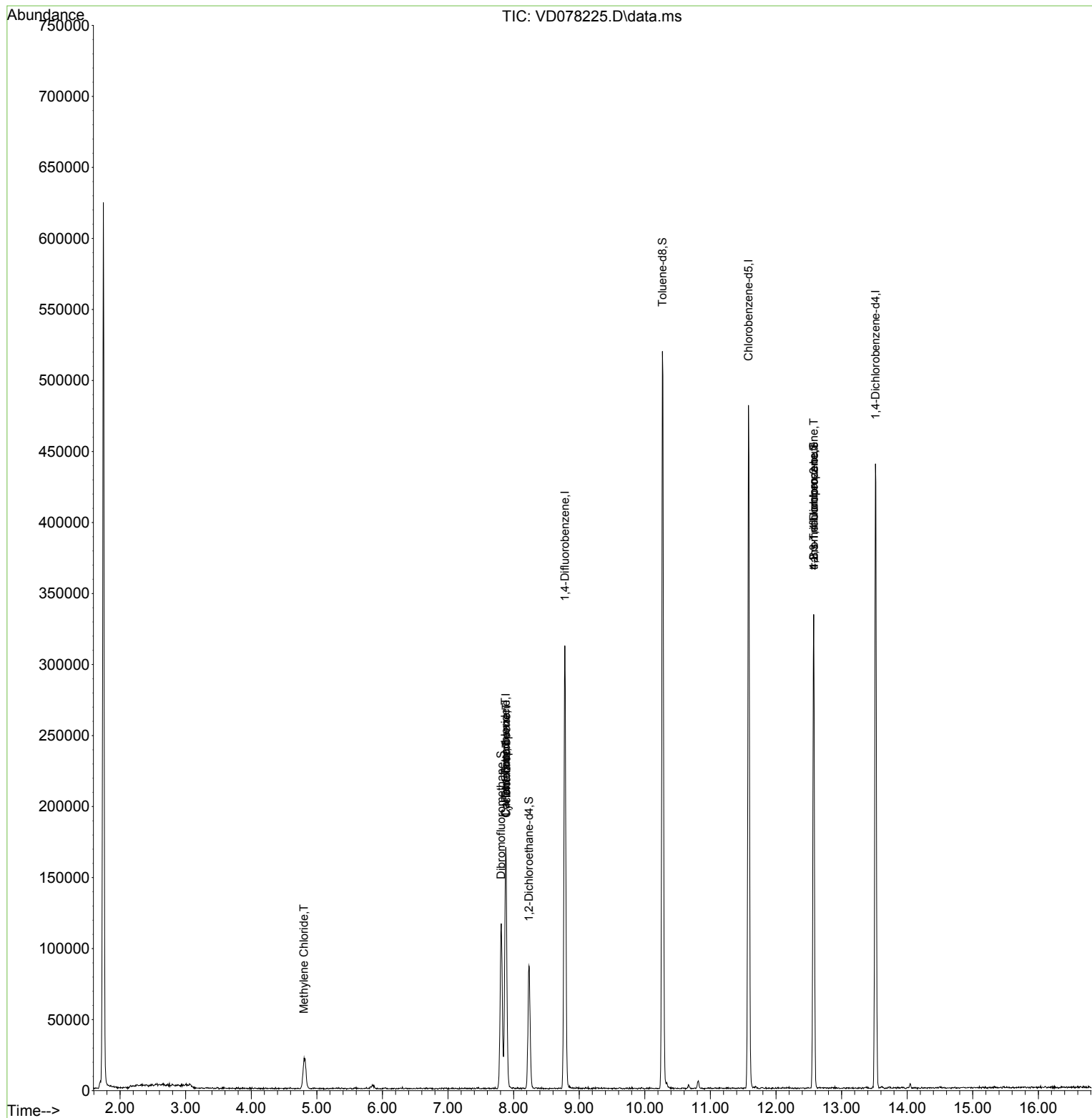
Internal Standards						
1) Pentafluorobenzene	7.881	168	126254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	275080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	271317	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65359	45.347	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.700%
35) Dibromofluoromethane	7.811	113	82969	45.829	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.660%
50) Toluene-d8	10.269	98	355840	49.639	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.575	95	102264	49.192	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	71	Below Cal	#	43
3) Chloromethane	2.152	50	62	Below Cal	#	41
16) Acetone	4.028	43	84	Below Cal	#	32
20) Methylene Chloride	4.805	84	9310	1.006	ug/l #	84
31) Cyclohexane	7.887	56	3141	1.179	ug/l #	47
36) 1,1-Dichloropropene	7.887	75	11465	3.851	ug/l #	47
38) Carbon Tetrachloride	7.875	117	13384	4.552	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	53787	49.571	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	53787	106.779	ug/l #	17

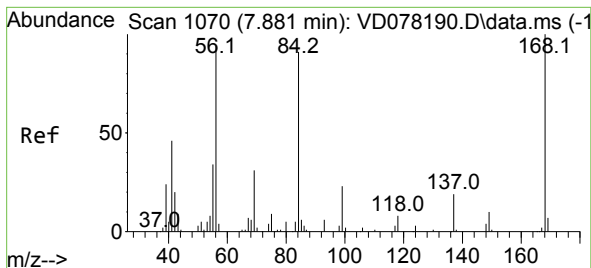
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-2-9.5-10.0

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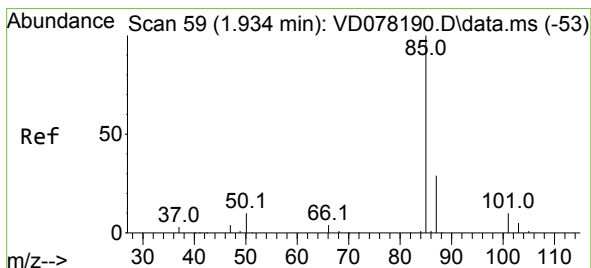
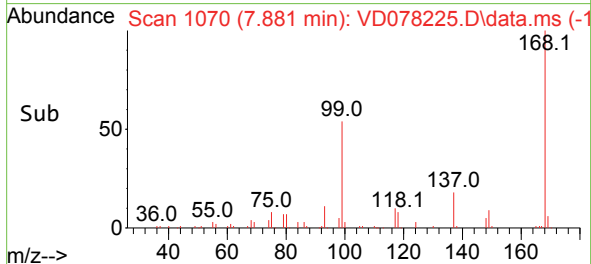
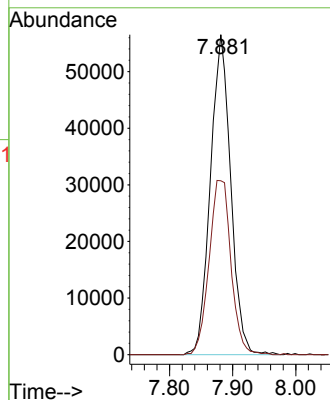
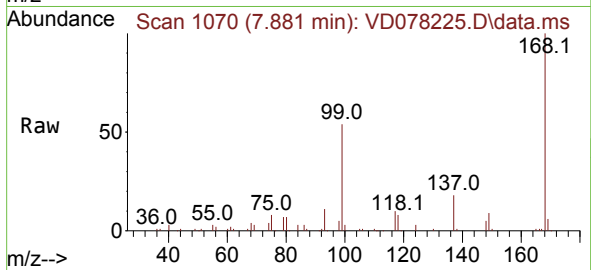




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078225.D
Acq: 24 Jan 2024 16:13

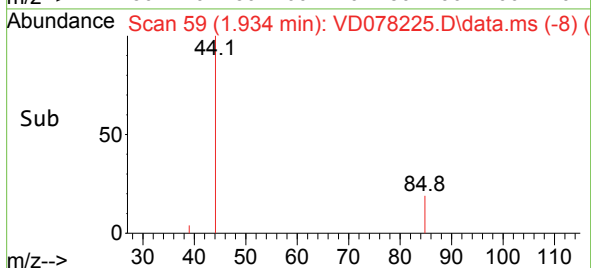
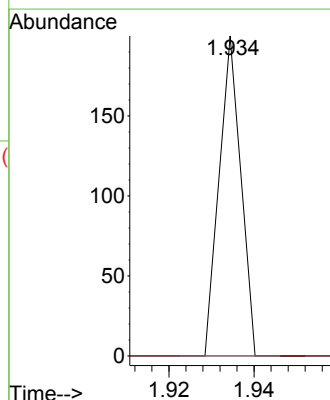
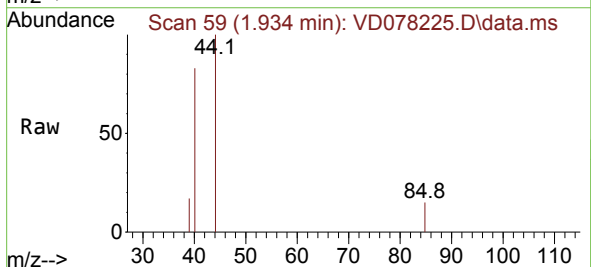
Instrument :
MSVOA_D
ClientSampleId :
SB-2-9.5-10.0

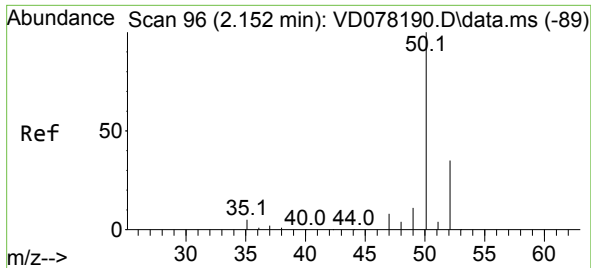
Tgt Ion:168 Resp: 126254
Ion Ratio Lower Upper
168 100
99 54.4 36.7 55.1



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078225.D
Acq: 24 Jan 2024 16:13

Tgt Ion: 85 Resp: 71
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#

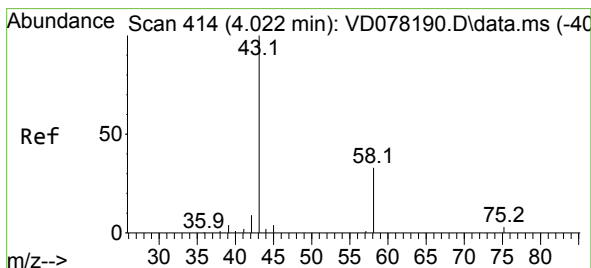
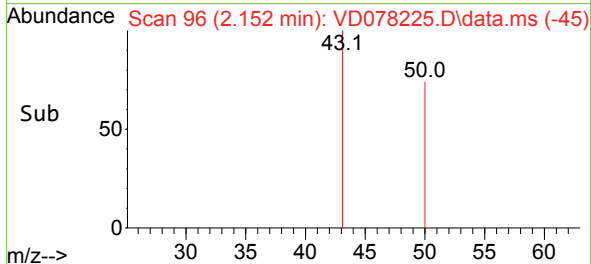
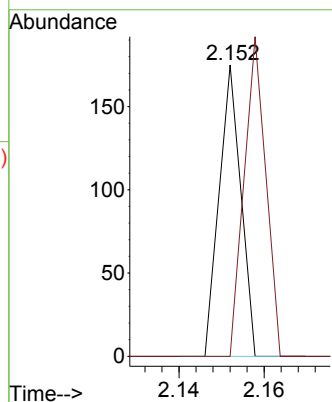
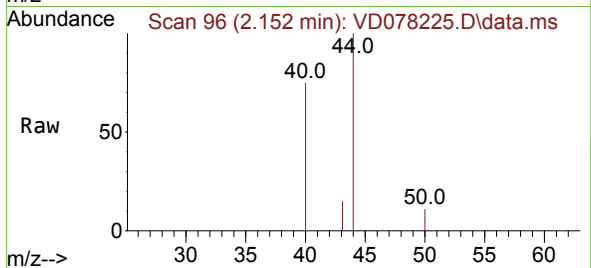




#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD078225.D
Acq: 24 Jan 2024 16:13

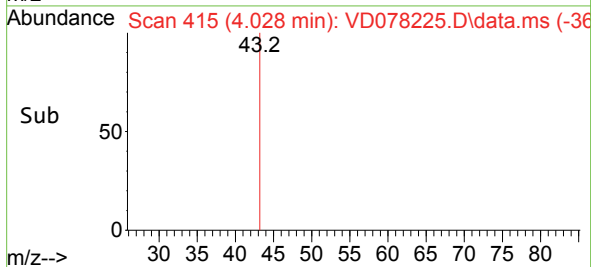
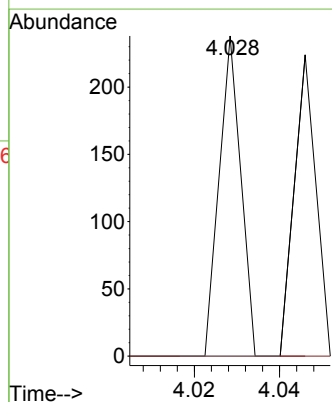
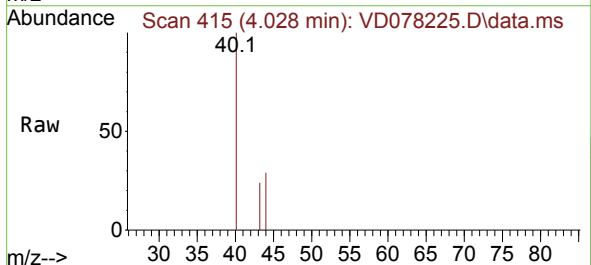
Instrument :
MSVOA_D
ClientSampleId :
SB-2-9.5-10.0

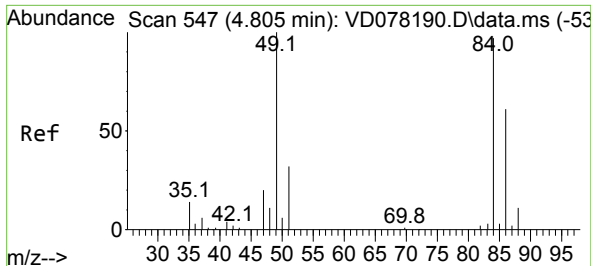
Tgt Ion: 50 Resp: 62
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



#16
Acetone
Concen: Below Cal
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078225.D
Acq: 24 Jan 2024 16:13

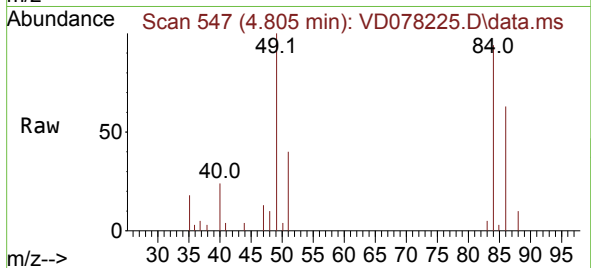
Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#





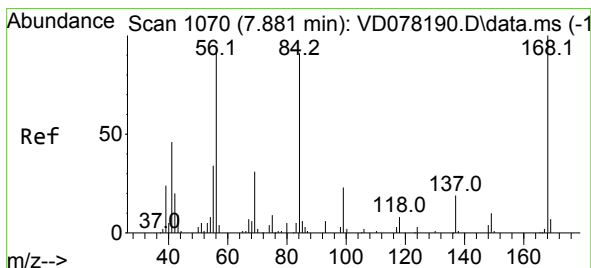
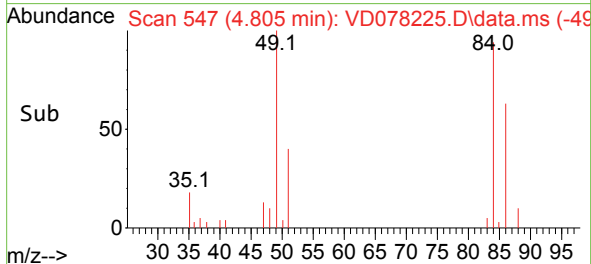
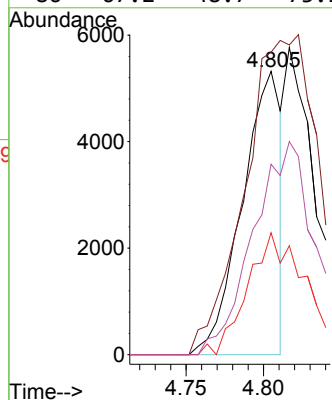
#20
Methylene Chloride
Concen: 1.006 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD078225.D
Acq: 24 Jan 2024 16:13

Instrument :
MSVOA_D
ClientSampleId :
SB-2-9.5-10.0



Tgt Ion: 84 Resp: 9310

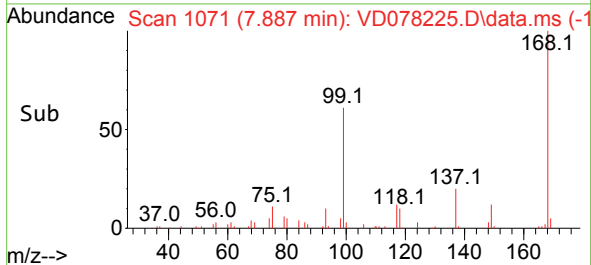
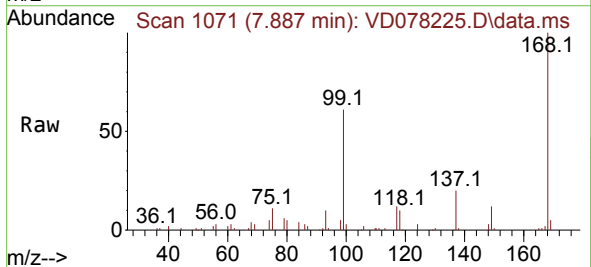
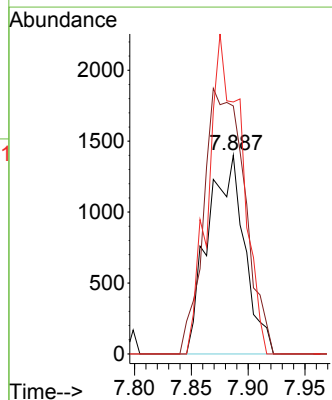
Ion	Ratio	Lower	Upper
84	100		
49	106.7	71.4	107.2
51	43.0	24.5	36.7#
86	67.2	48.7	73.1

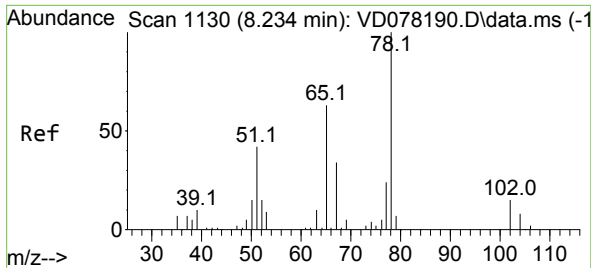


#31
Cyclohexane
Concen: 1.179 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VD078225.D
Acq: 24 Jan 2024 16:13

Tgt Ion: 56 Resp: 3141

Ion	Ratio	Lower	Upper
56	100		
69	124.8	28.6	43.0#
84	126.8	84.8	127.2

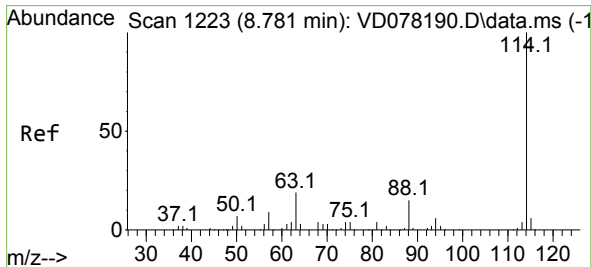
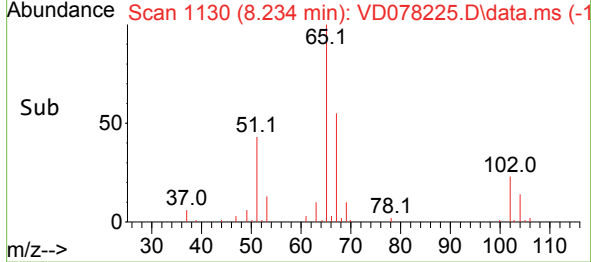
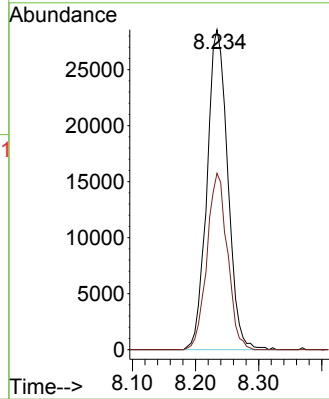
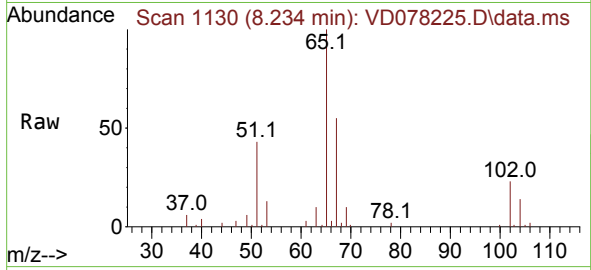




#33
1,2-Dichloroethane-d4
Concen: 45.347 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078225.D
Acq: 24 Jan 2024 16:13

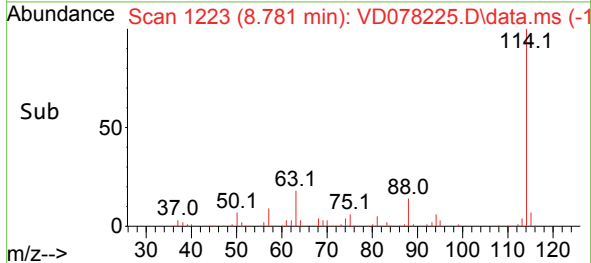
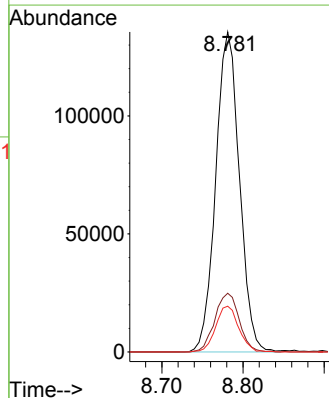
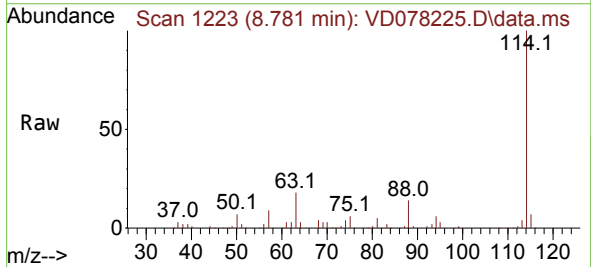
Instrument :
MSVOA_D
ClientSampleId :
SB-2-9.5-10.0

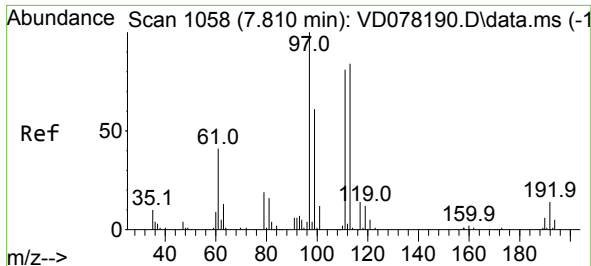
Tgt Ion: 65 Resp: 65359
Ion Ratio Lower Upper
65 100
67 54.3 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078225.D
Acq: 24 Jan 2024 16:13

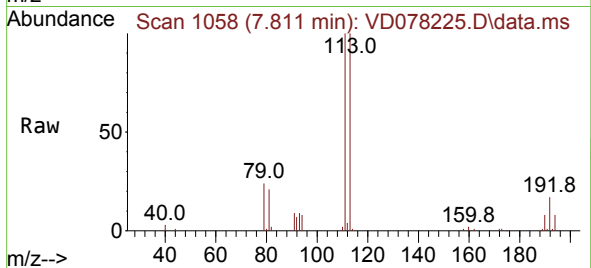
Tgt Ion:114 Resp: 275080
Ion Ratio Lower Upper
114 100
63 18.4 0.0 33.4
88 14.3 0.0 26.2



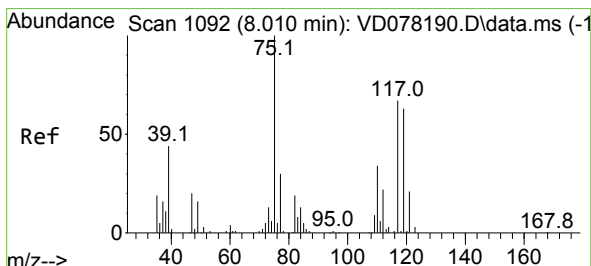
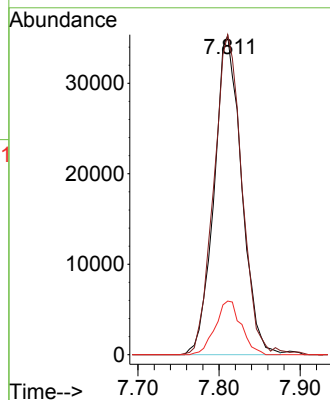
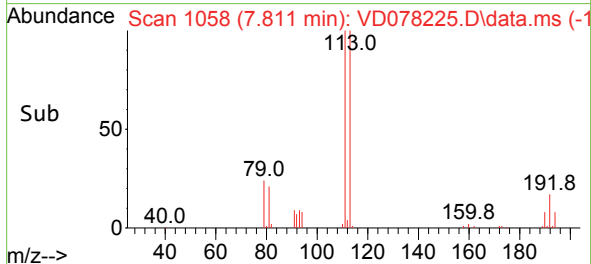


#35
Dibromofluoromethane
Concen: 45.829 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078225.D
Acq: 24 Jan 2024 16:13

Instrument :
MSVOA_D
ClientSampleId :
SB-2-9.5-10.0

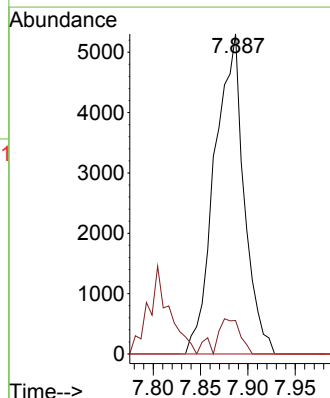
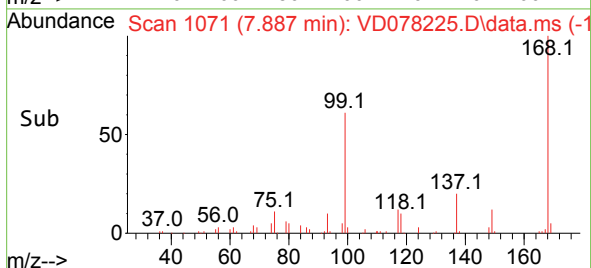
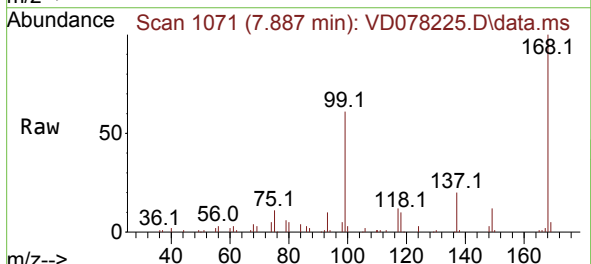


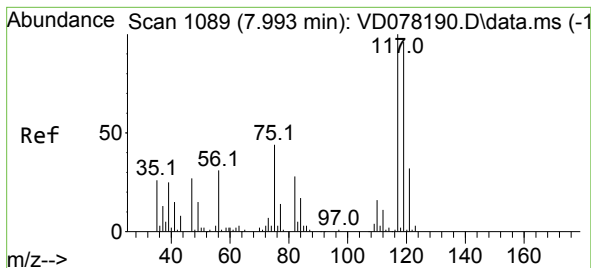
Tgt Ion:113 Resp: 82969
Ion Ratio Lower Upper
113 100
111 102.8 84.7 127.1
192 15.9 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 3.851 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. -0.123 min
Lab File: VD078225.D
Acq: 24 Jan 2024 16:13

Tgt Ion: 75 Resp: 11465
Ion Ratio Lower Upper
75 100
110 9.1 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.552 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.117 min

Lab File: VD078225.D

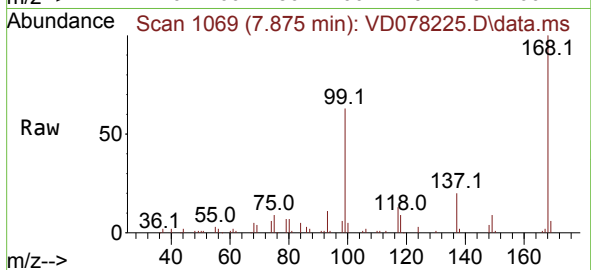
Acq: 24 Jan 2024 16:13

Instrument :

MSVOA_D

ClientSampleId :

SB-2-9.5-10.0



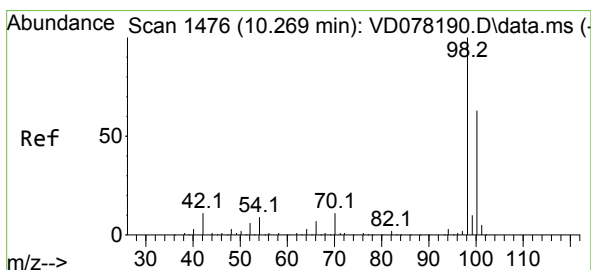
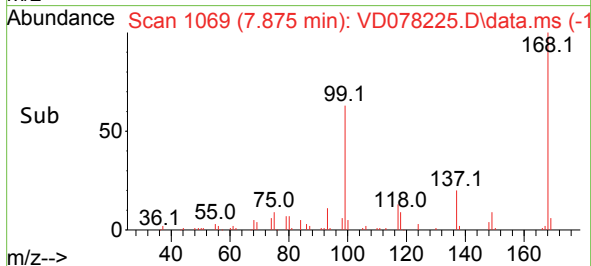
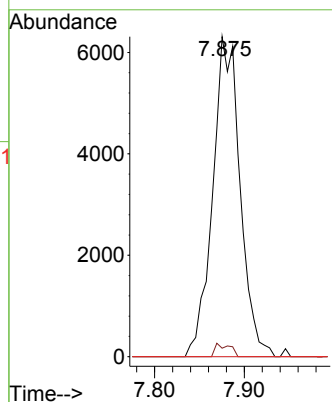
Tgt Ion:117 Resp: 13384

Ion Ratio Lower Upper

117 100

119 2.6 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.639 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078225.D

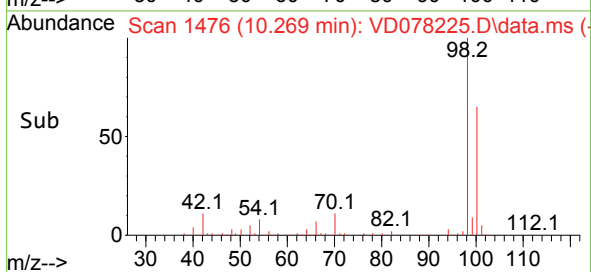
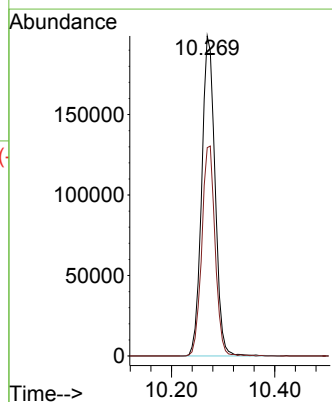
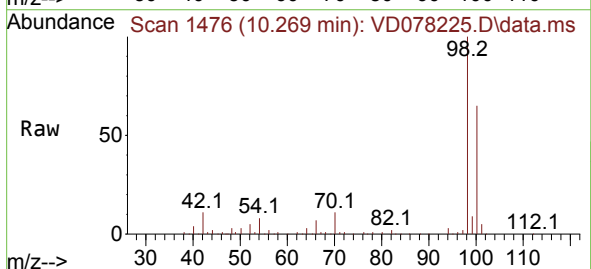
Acq: 24 Jan 2024 16:13

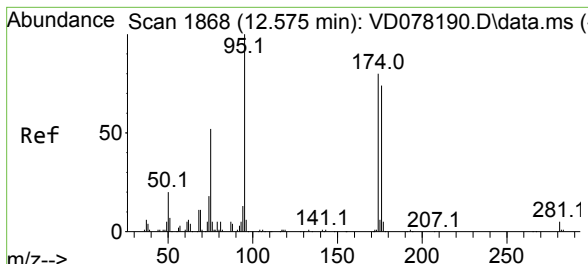
Tgt Ion: 98 Resp: 355840

Ion Ratio Lower Upper

98 100

100 65.5 50.3 75.5

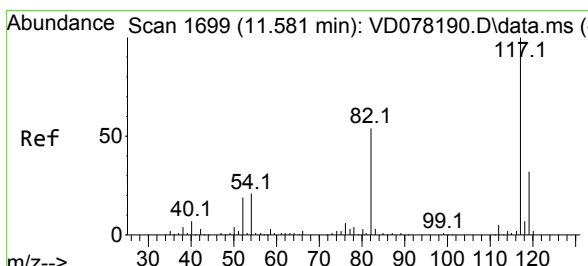
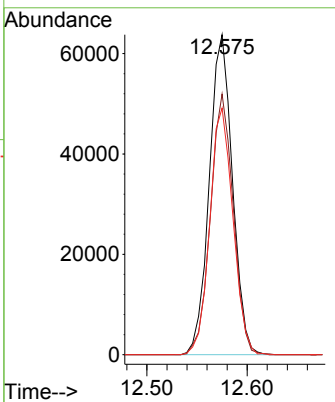
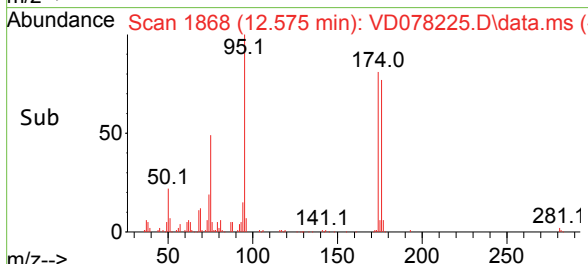
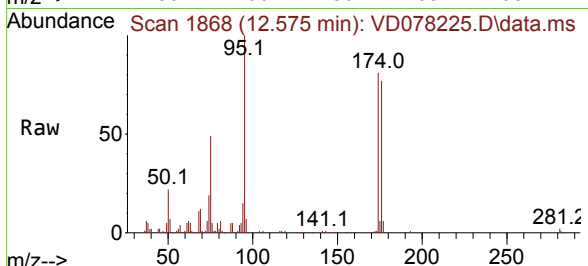




#62
 4-Bromofluorobenzene
 Concen: 49.192 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VD078225.D
 Acq: 24 Jan 2024 16:13

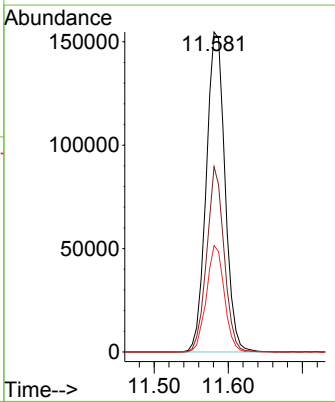
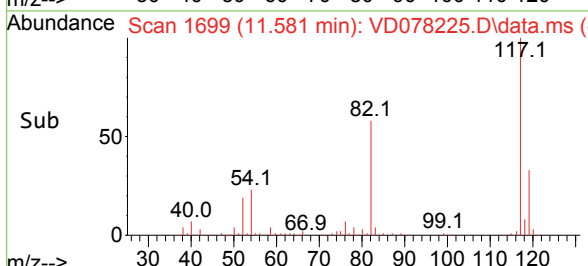
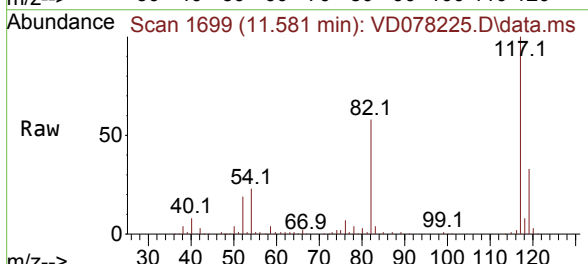
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-9.5-10.0

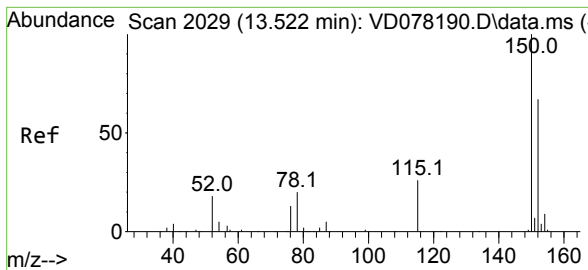
Tgt Ion:	95	Resp:	102264
Ion	Ratio	Lower	Upper
95	100		
174	80.1	0.0	201.8
176	77.1	0.0	191.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VD078225.D
 Acq: 24 Jan 2024 16:13

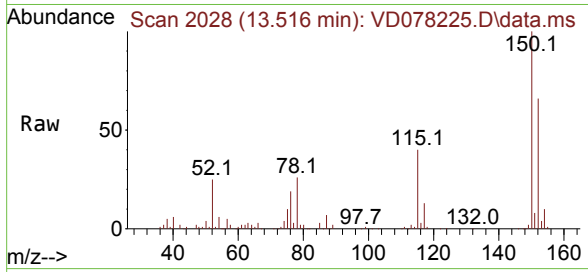
Tgt Ion:	117	Resp:	271317
Ion	Ratio	Lower	Upper
117	100		
82	57.9	38.3	57.5#
119	33.3	25.0	37.4



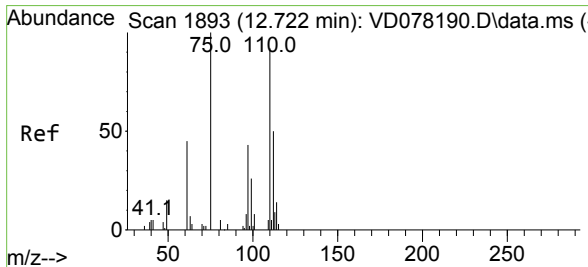
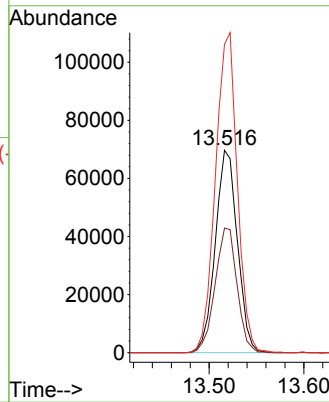
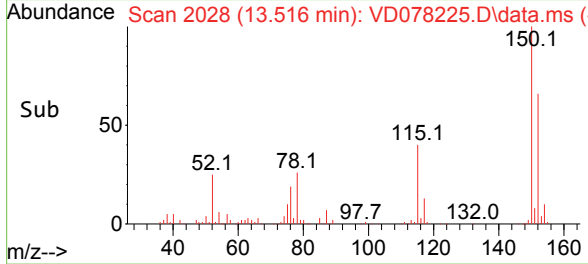


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.006 min
 Lab File: VD078225.D
 Acq: 24 Jan 2024 16:13

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-9.5-10.0

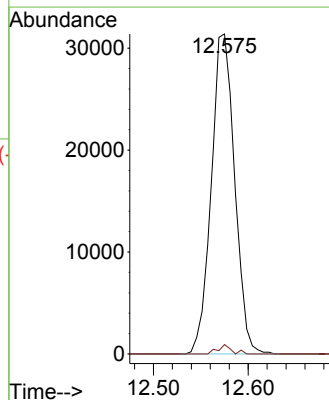
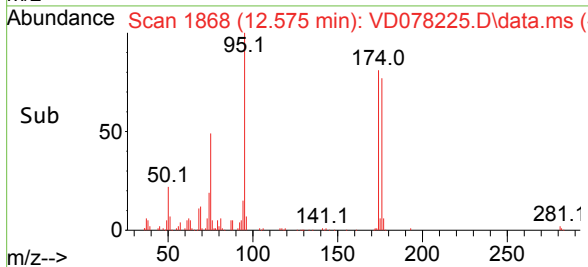
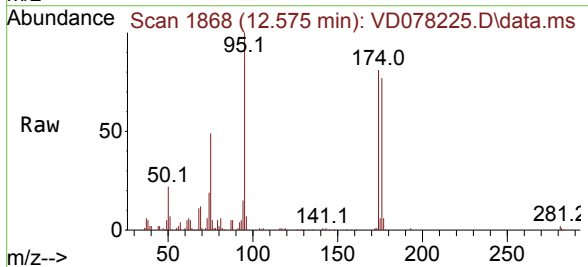


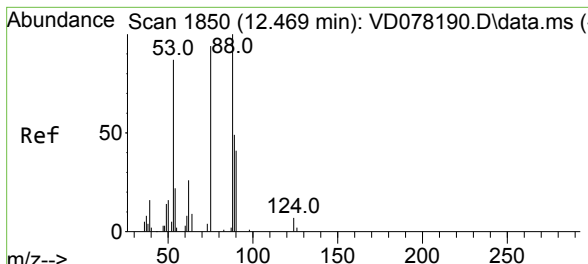
Tgt Ion:152 Resp: 113128
 Ion Ratio Lower Upper
 152 100
 115 61.2 27.1 81.3
 150 156.4 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 49.571 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078225.D
 Acq: 24 Jan 2024 16:13

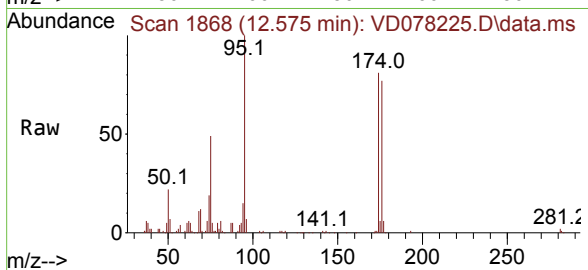
Tgt Ion: 75 Resp: 53787
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.779 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078225.D
 Acq: 24 Jan 2024 16:13

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-9.5-10.0



Tgt Ion:	75	Resp:	53787
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.3	37.9	56.9#

