

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078796.D
 Acq On : 29 Mar 2024 16:22
 Operator : RP/MD
 Sample : P1913-01
 Misc : 5.04G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CCM-1

Quant Time: Mar 29 23:44:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

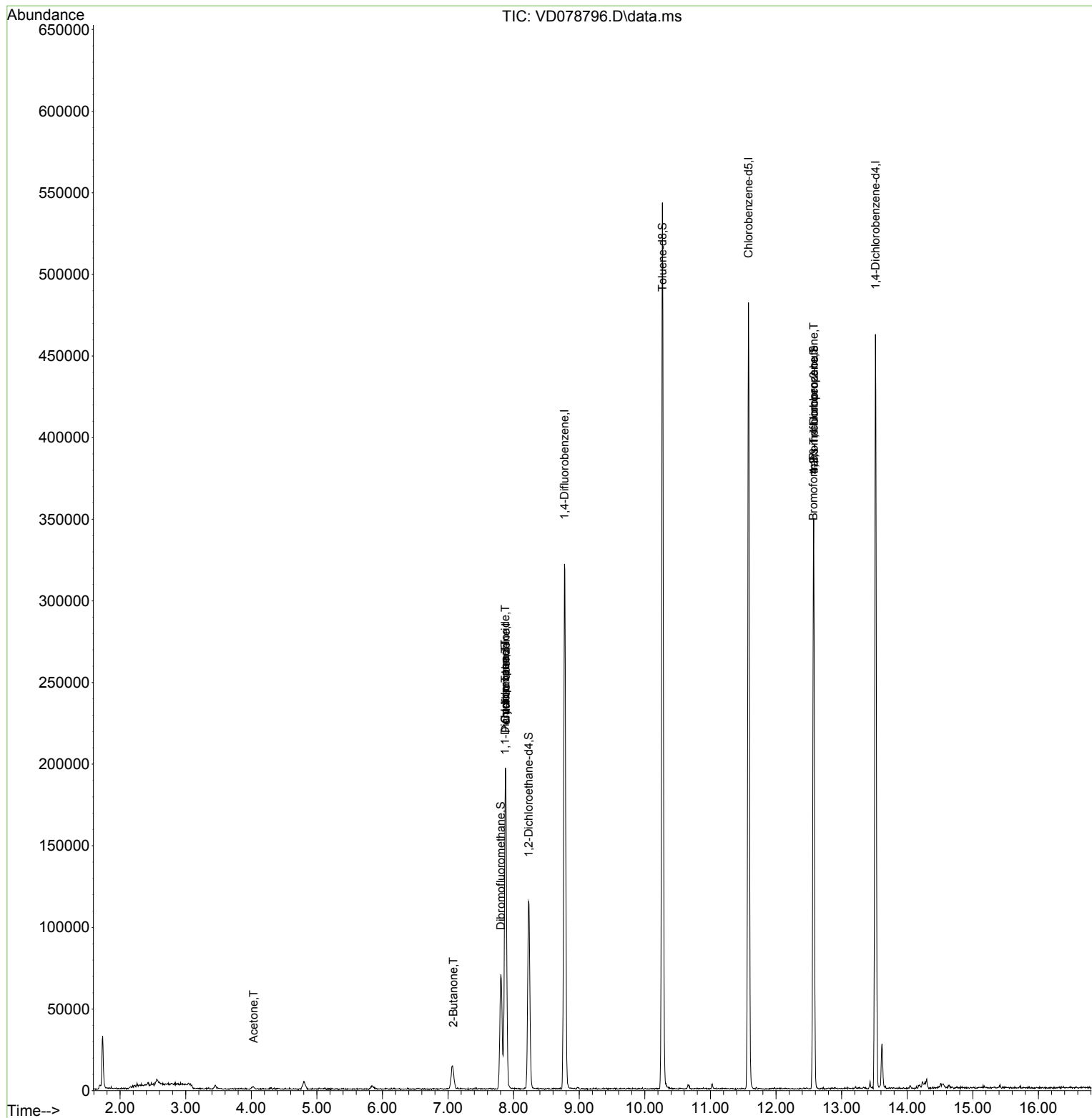
Internal Standards						
1) Pentafluorobenzene	7.881	168	161522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	305982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	290052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91195	60.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.500%
35) Dibromofluoromethane	7.804	113	53011	26.908	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	53.820%#
50) Toluene-d8	10.269	98	377707	52.131	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.260%
62) 4-Bromofluorobenzene	12.575	95	104240	49.178	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.360%
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	2212	7.557	ug/l #	85
20) Methylene Chloride	4.805	84	3374	Below Cal	#	84
25) 2-Butanone	7.081	43	629	1.616	ug/l #	43
31) Cyclohexane	7.875	56	2997	1.178	ug/l #	38
36) 1,1-Dichloropropene	7.869	75	12003	4.199	ug/l #	47
38) Carbon Tetrachloride	7.875	117	15516	5.149	ug/l #	16
71) Bromoform	12.569	173	1387	1.156	ug/l #	26
76) 1,2,3-Trichloropropane	12.575	75	53349	53.696	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	53349	112.556	ug/l #	19

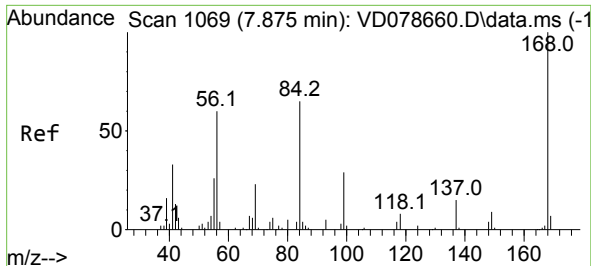
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CCM-1

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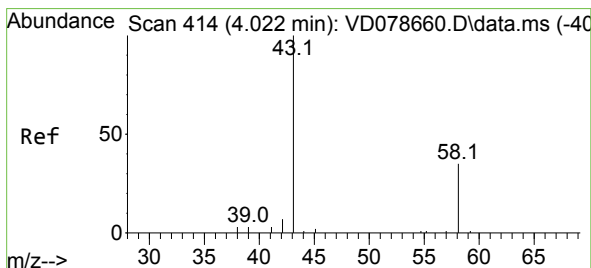
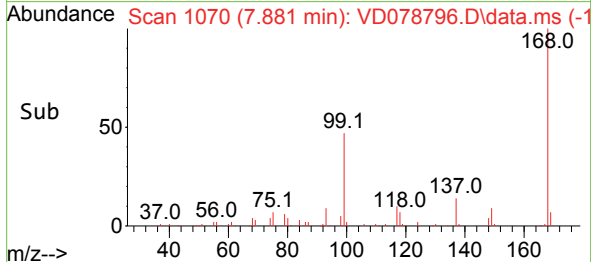
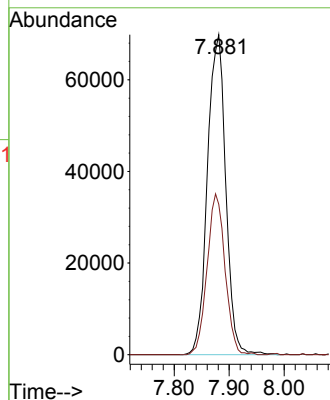
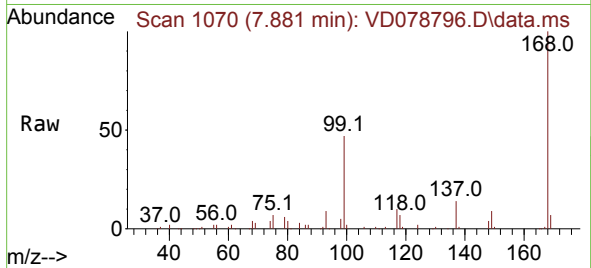




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078796.D
Acq: 29 Mar 2024 16:22

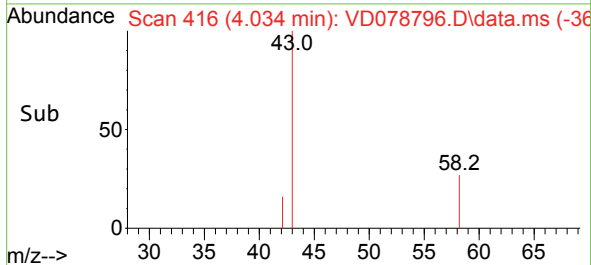
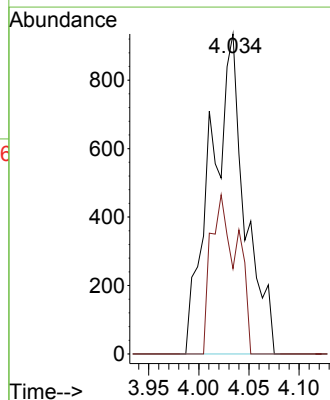
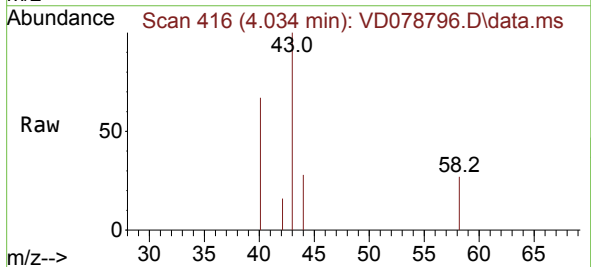
Instrument :
MSVOA_D
ClientSampleId :
CCM-1

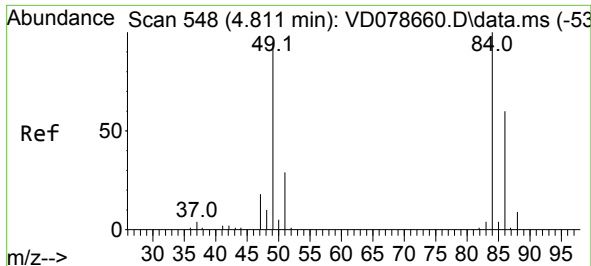
Tgt Ion:168 Resp: 161522
Ion Ratio Lower Upper
168 100
99 47.0 38.8 58.2



#16
Acetone
Concen: 7.557 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD078796.D
Acq: 29 Mar 2024 16:22

Tgt Ion: 43 Resp: 2212
Ion Ratio Lower Upper
43 100
58 26.6 28.2 42.4#

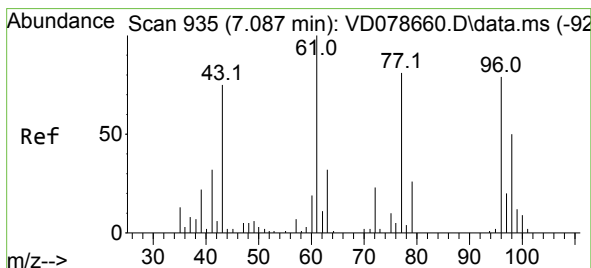
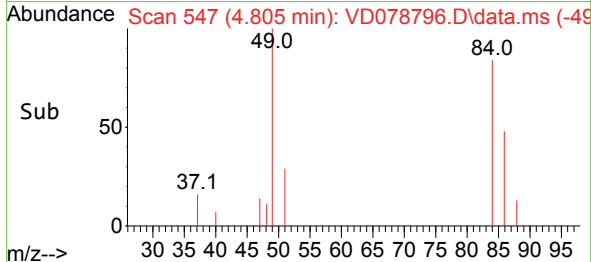
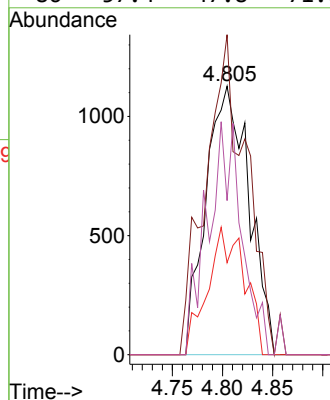
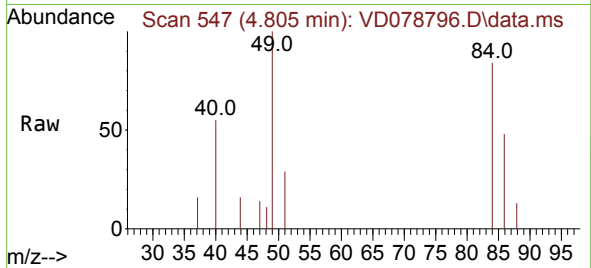




#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078796.D
Acq: 29 Mar 2024 16:22

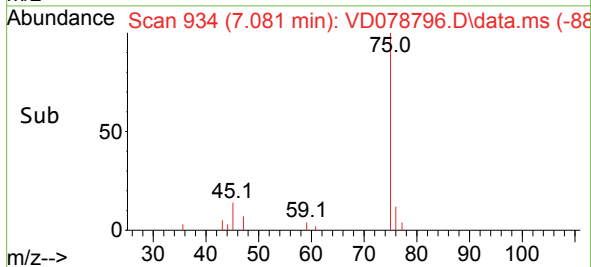
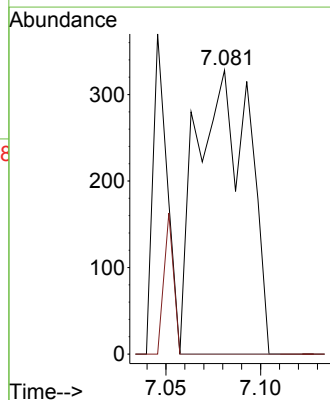
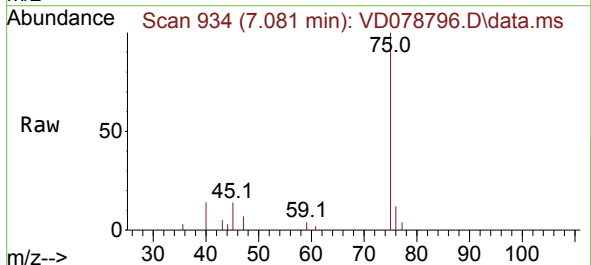
Instrument :
MSVOA_D
ClientSampleId :
CCM-1

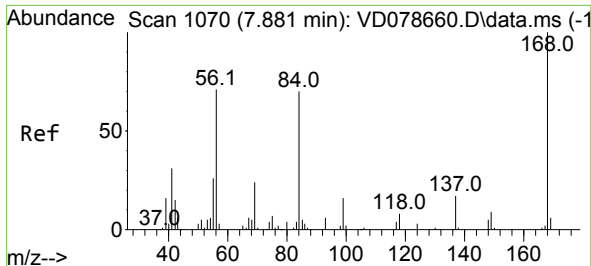
Tgt Ion: 84 Resp: 3374
Ion Ratio Lower Upper
84 100
49 119.2 75.6 113.4#
51 34.3 23.4 35.0
86 57.4 47.8 71.6



#25
2-Butanone
Concen: 1.616 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD078796.D
Acq: 29 Mar 2024 16:22

Tgt Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
72 0.0 25.0 37.6#

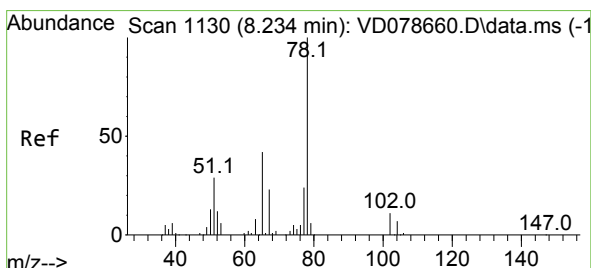
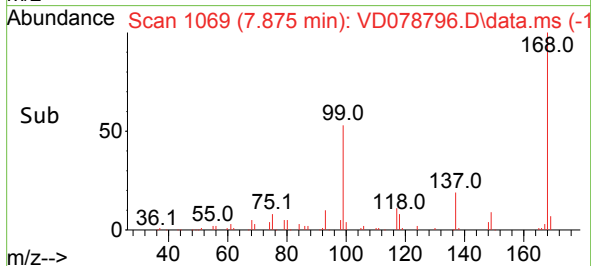
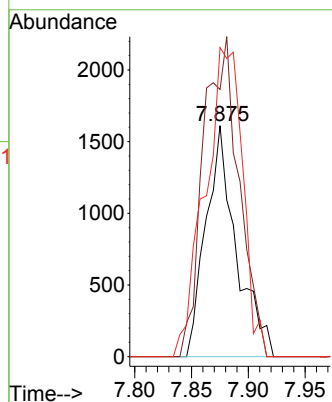
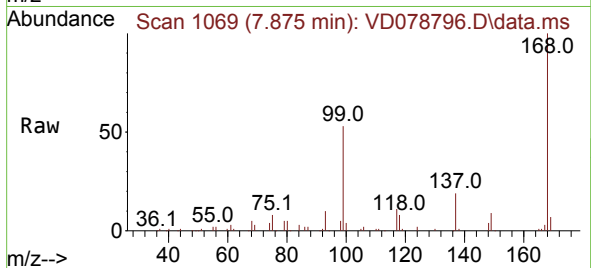




#31
Cyclohexane
Concen: 1.178 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078796.D
Acq: 29 Mar 2024 16:22

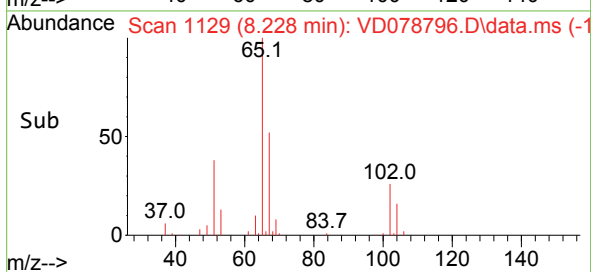
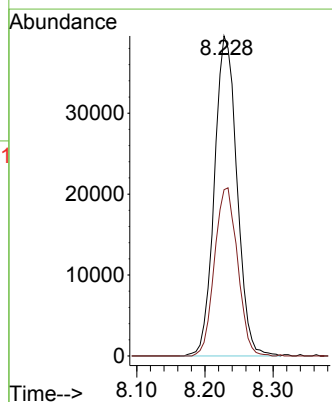
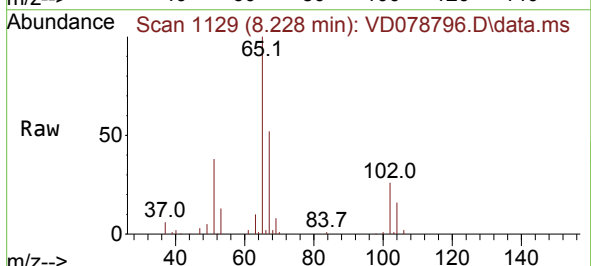
Instrument :
MSVOA_D
ClientSampleId :
CCM-1

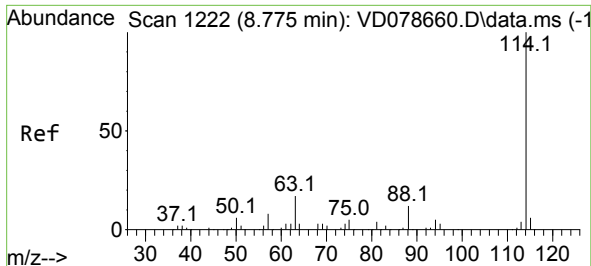
Tgt Ion: 56 Resp: 2997
Ion Ratio Lower Upper
56 100
69 115.7 26.6 40.0#
84 133.8 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 60.245 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078796.D
Acq: 29 Mar 2024 16:22

Tgt Ion: 65 Resp: 91195
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078796.D

Acq: 29 Mar 2024 16:22

Instrument :

MSVOA_D

ClientSampleId :

CCM-1

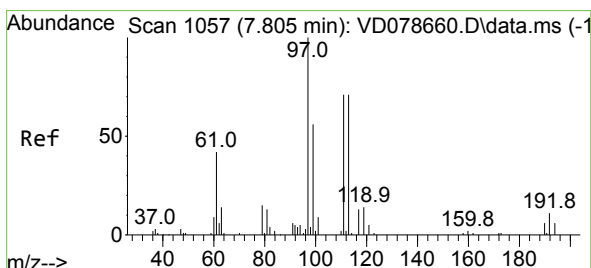
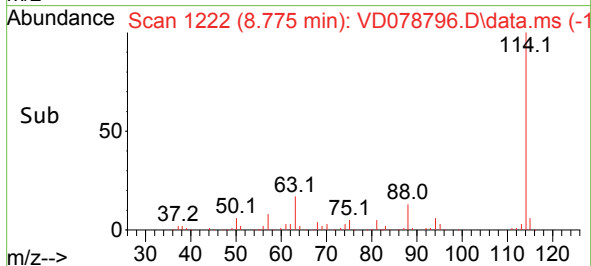
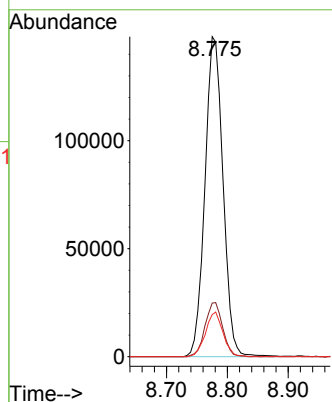
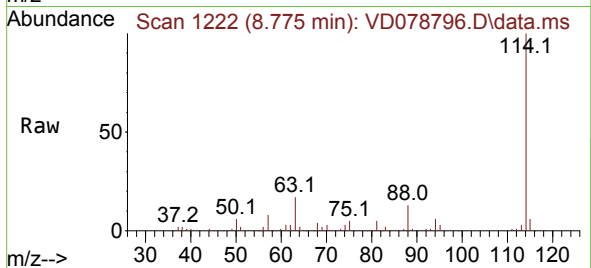
Tgt Ion:114 Resp: 305982

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 13.2 0.0 24.6



#35

Dibromofluoromethane

Concen: 26.908 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078796.D

Acq: 29 Mar 2024 16:22

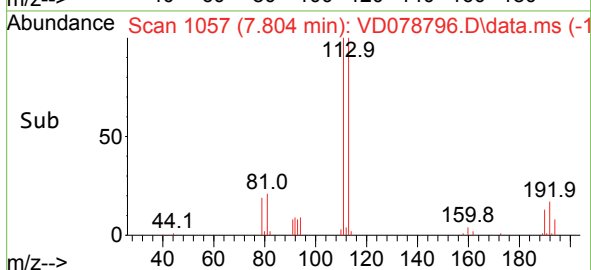
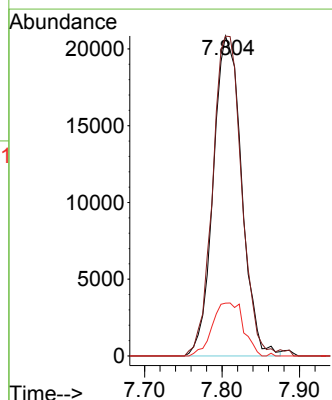
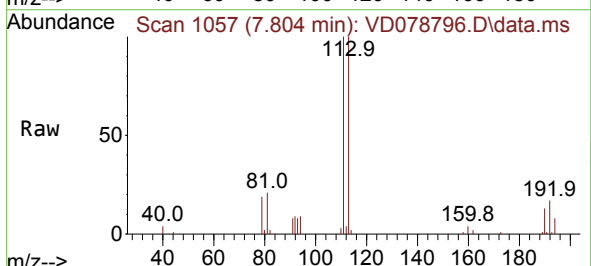
Tgt Ion:113 Resp: 53011

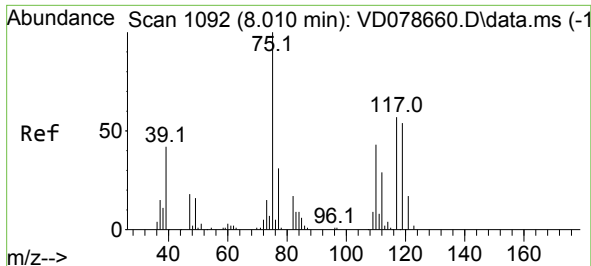
Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

192 18.2 15.4 23.0

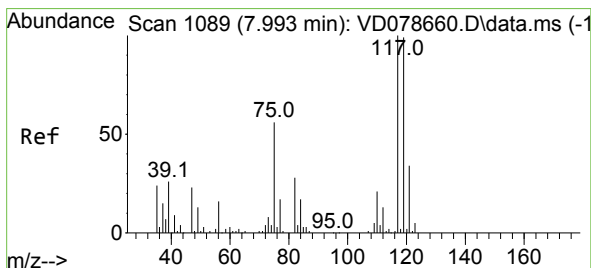
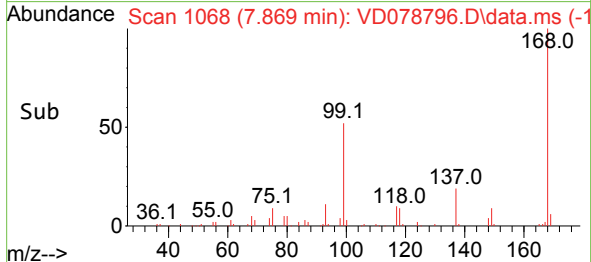
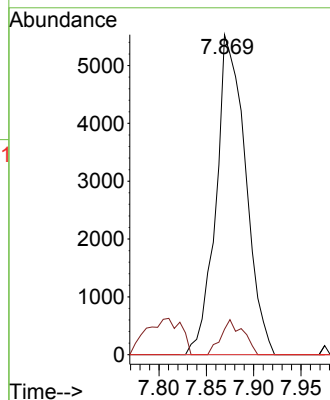
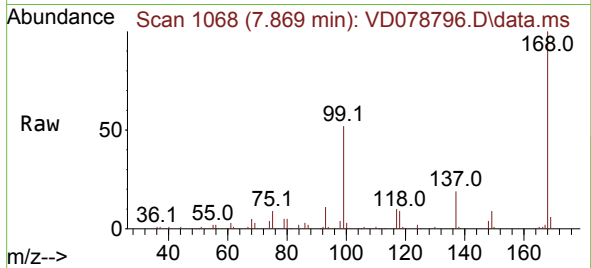




#36
1,1-Dichloropropene
Concen: 4.199 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD078796.D
Acq: 29 Mar 2024 16:22

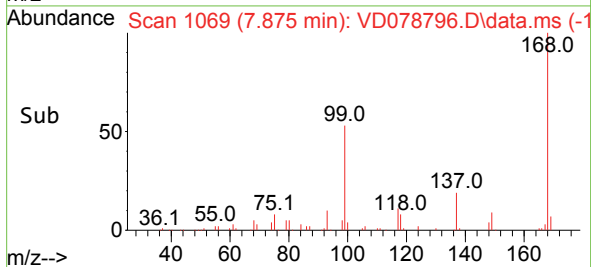
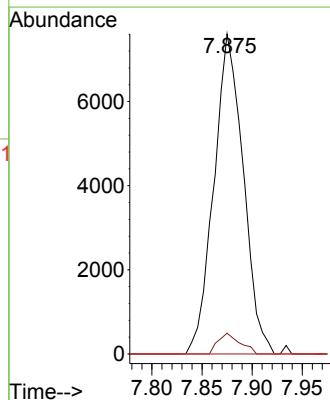
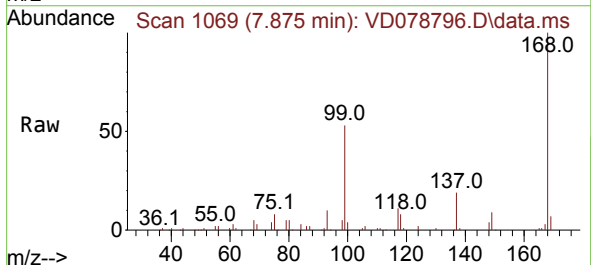
Instrument :
MSVOA_D
ClientSampleId :
CCM-1

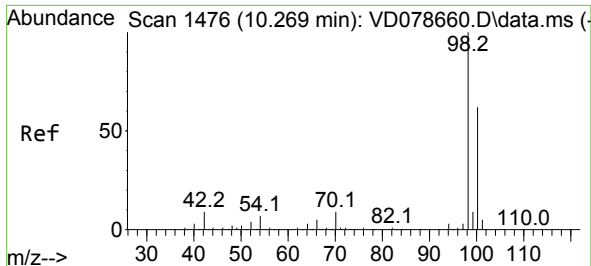
Tgt Ion: 75 Resp: 12003
Ion Ratio Lower Upper
75 100
110 8.2 19.1 57.1#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 5.149 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD078796.D
Acq: 29 Mar 2024 16:22

Tgt Ion: 117 Resp: 15516
Ion Ratio Lower Upper
117 100
119 6.5 79.2 118.8#
121 0.0 26.8 40.2#

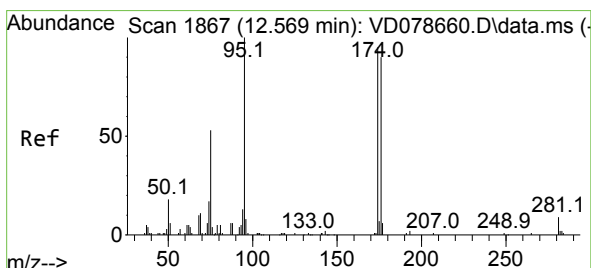
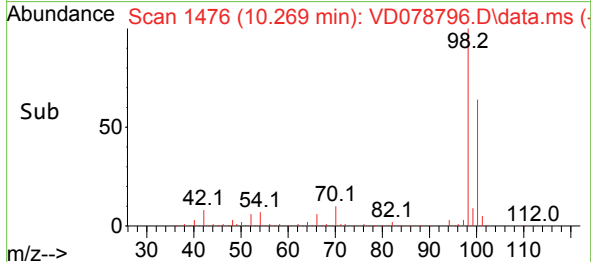
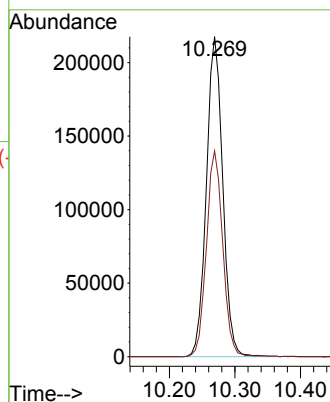
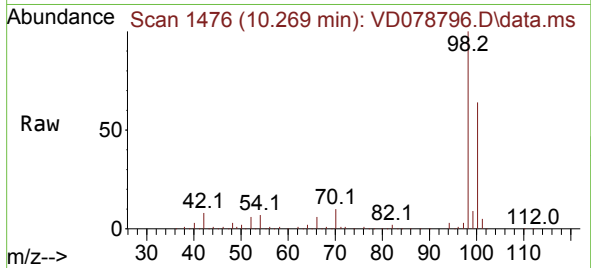




#50
Toluene-d8
Concen: 52.131 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078796.D
Acq: 29 Mar 2024 16:22

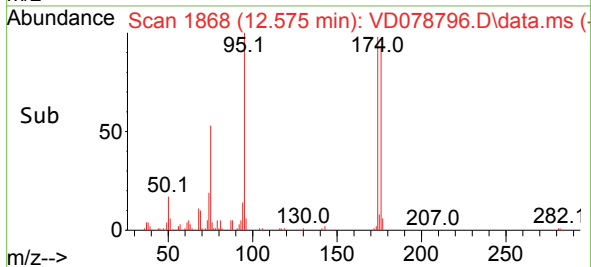
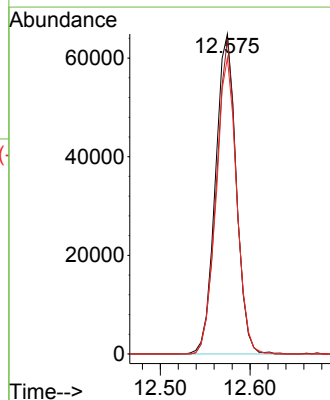
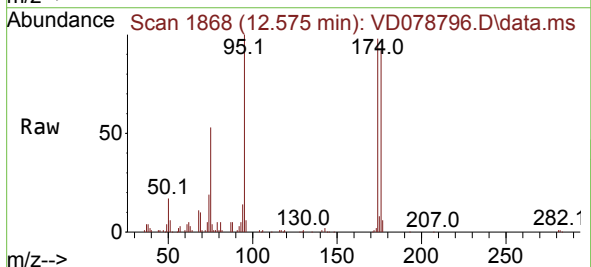
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ClientSampleId :
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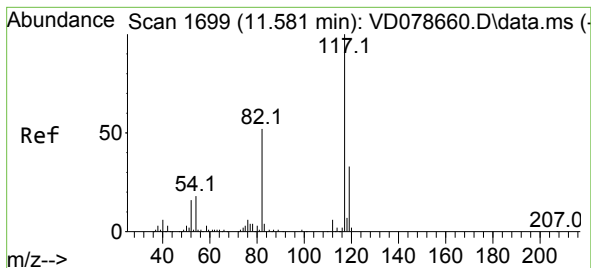
Tgt Ion: 98 Resp: 377707
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 49.178 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078796.D
Acq: 29 Mar 2024 16:22

Tgt Ion: 95 Resp: 104240
Ion Ratio Lower Upper
95 100
174 94.5 0.0 195.2
176 91.8 0.0 188.2

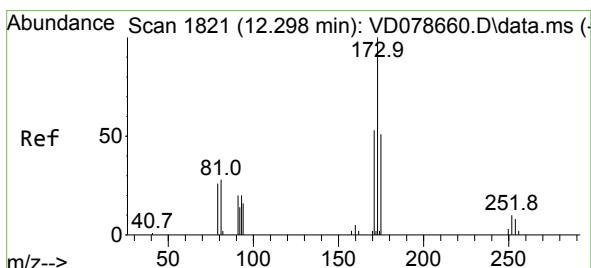
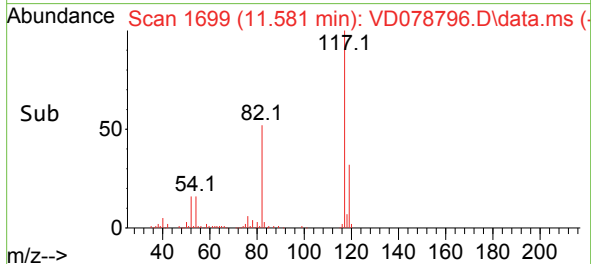
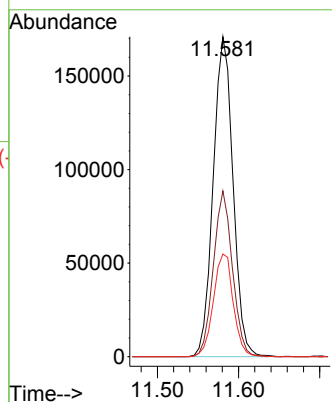
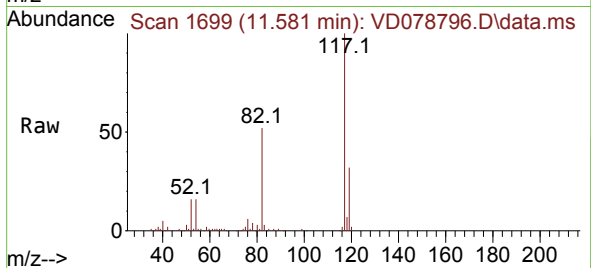




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078796.D
Acq: 29 Mar 2024 16:22

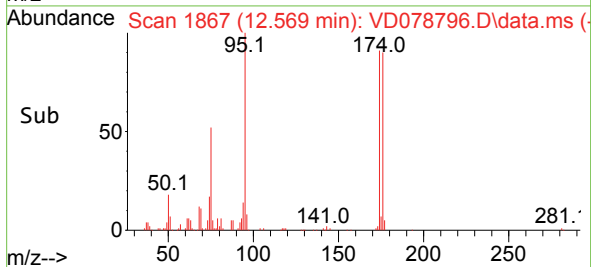
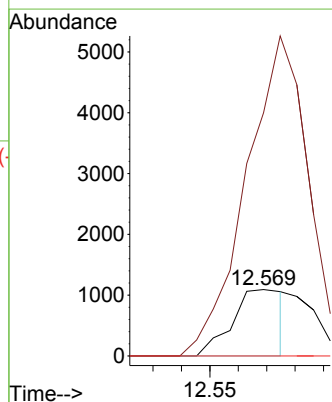
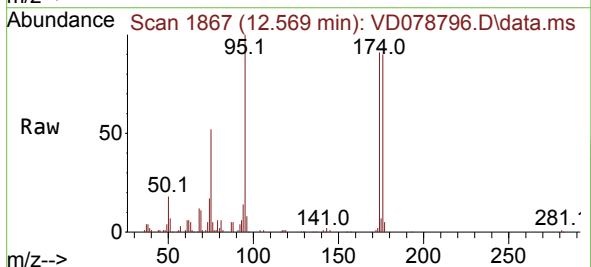
Instrument :
MSVOA_D
ClientSampleId :
CCM-1

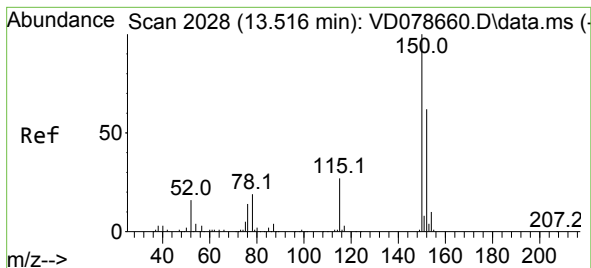
Tgt Ion:117 Resp: 290052
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.2
119 32.1 26.5 39.7



#71
Bromoform
Concen: 1.156 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.270 min
Lab File: VD078796.D
Acq: 29 Mar 2024 16:22

Tgt Ion:173 Resp: 1387
Ion Ratio Lower Upper
173 100
175 0.0 25.8 77.4#
254 0.0 0.0 0.0

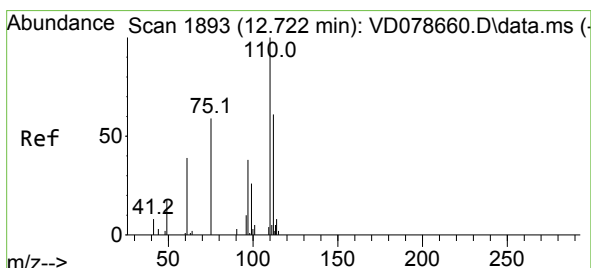
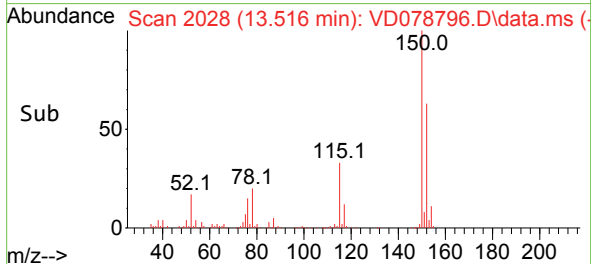
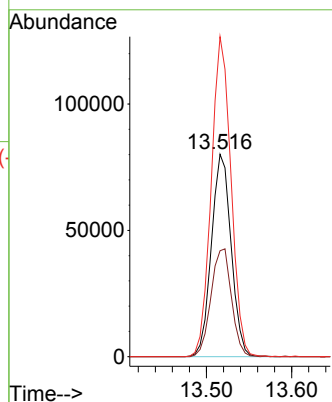
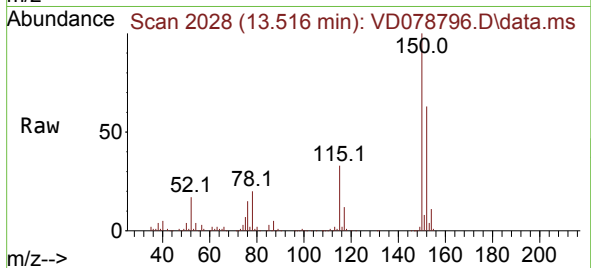




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD078796.D
 Acq: 29 Mar 2024 16:22

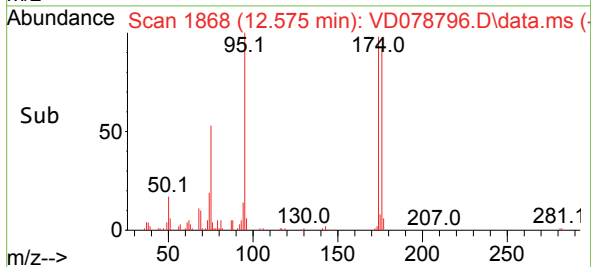
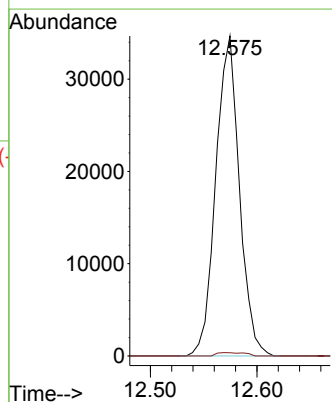
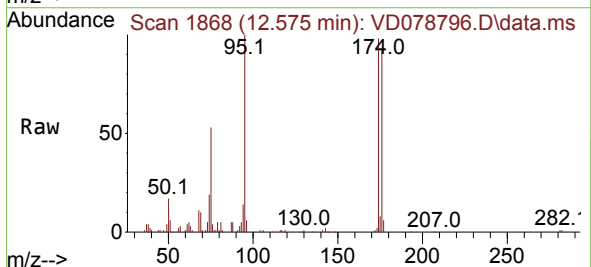
Instrument :
 MSVOA_D
 ClientSampleId :
 CCM-1

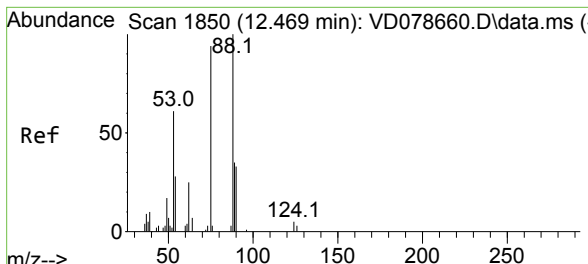
Tgt Ion:152 Resp: 128957
 Ion Ratio Lower Upper
 152 100
 115 55.3 27.1 81.2
 150 158.0 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 53.696 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078796.D
 Acq: 29 Mar 2024 16:22

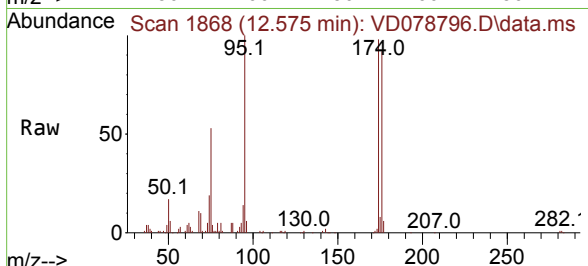
Tgt Ion: 75 Resp: 53349
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.556 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078796.D
 Acq: 29 Mar 2024 16:22

Instrument :
 MSVOA_D
 ClientSampleId :
 CCM-1



Tgt Ion:	75	Resp:	53349
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

