

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080786.D
 Acq On : 29 Jan 2024 12:36
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 29 15:35:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

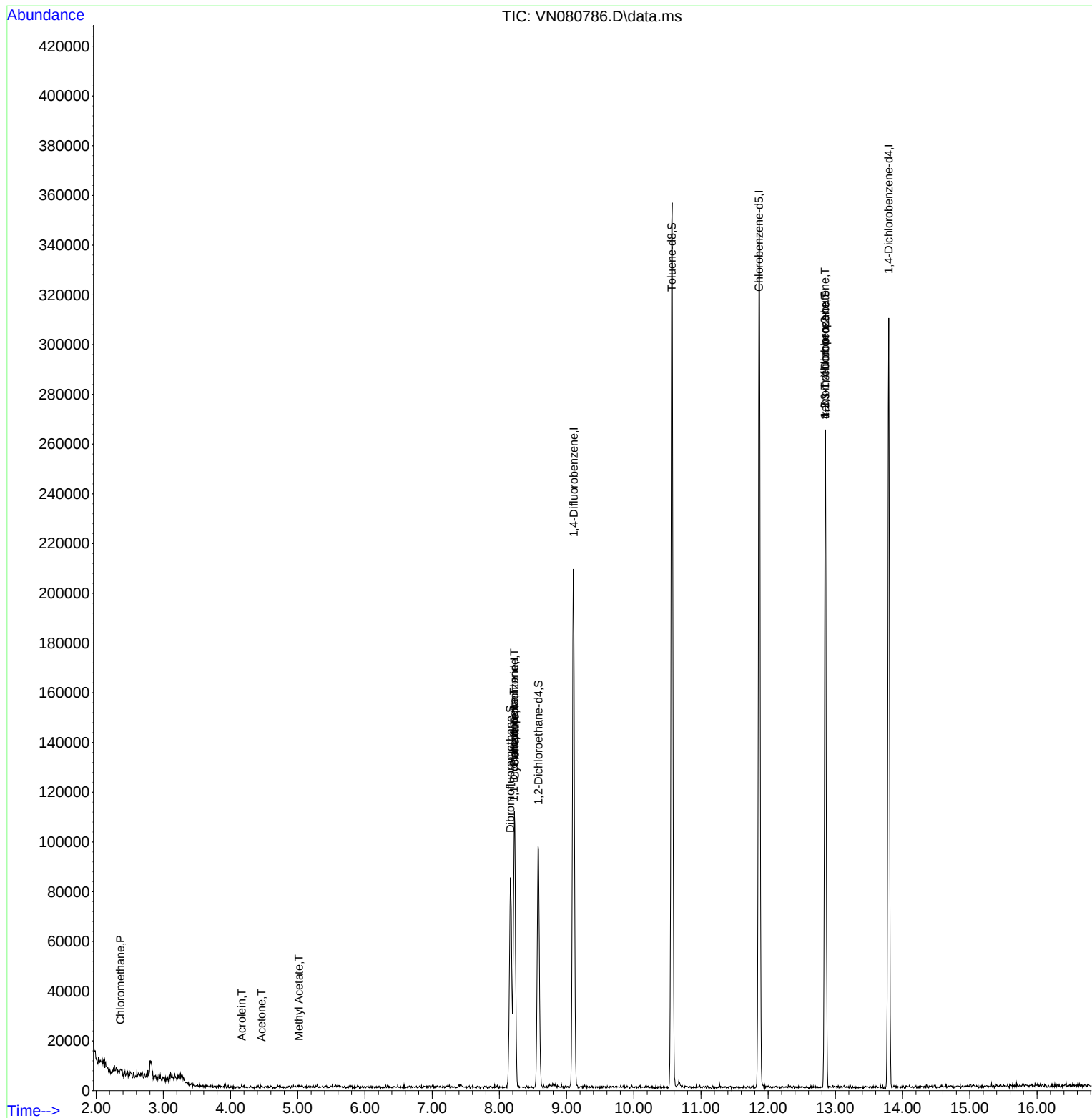
Internal Standards						
1) Pentafluorobenzene	8.224	168	68044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	166867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	182359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	69052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	71994	61.160	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.320%	
35) Dibromofluoromethane	8.165	113	57633	56.453	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.900%	
50) Toluene-d8	10.565	98	237428	59.420	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 118.840%#	
62) 4-Bromofluorobenzene	12.847	95	88090	63.265	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 126.520%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	2281	1.501	ug/l #	43
13) Acrolein	4.165	56	121	0.500	ug/l #	77
16) Acetone	4.459	43	476	1.115	ug/l #	44
18) Methyl Acetate	5.018	43	492	0.331	ug/l #	54
31) Cyclohexane	8.229	56	3093	1.532	ug/l #	9
36) 1,1-Dichloropropene	8.218	75	9368	4.937	ug/l #	47
38) Carbon Tetrachloride	8.224	117	8650	5.658	ug/l #	14
76) 1,2,3-Trichloropropane	12.847	75	52656	25.284	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	52656	65.135	ug/l #	14

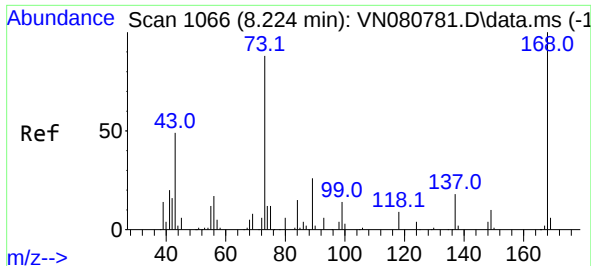
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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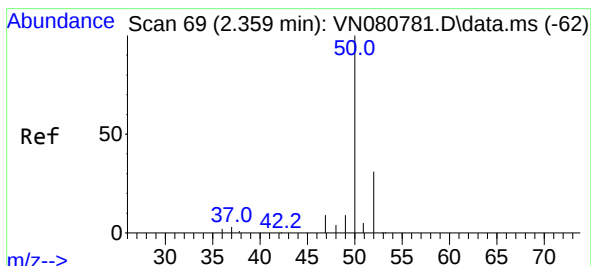
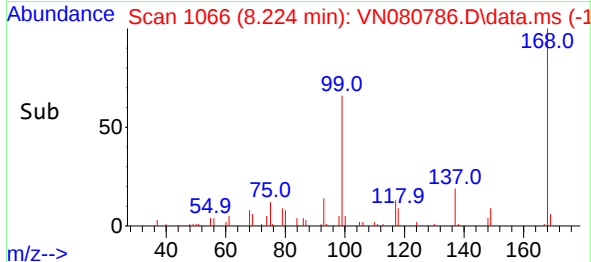
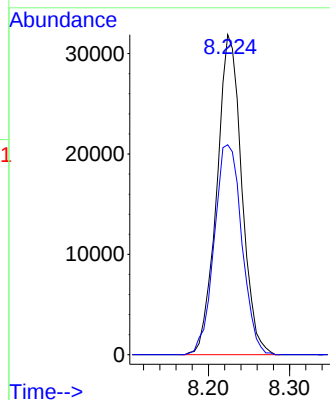
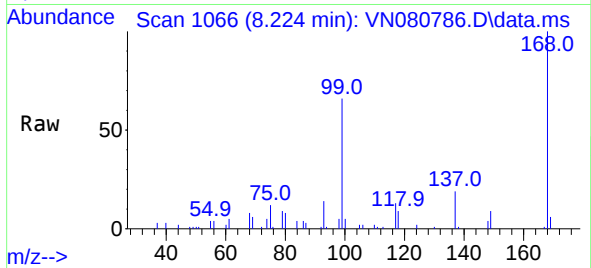




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

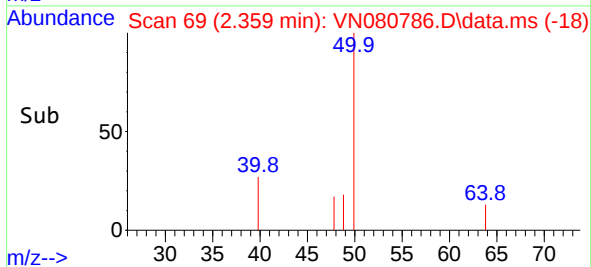
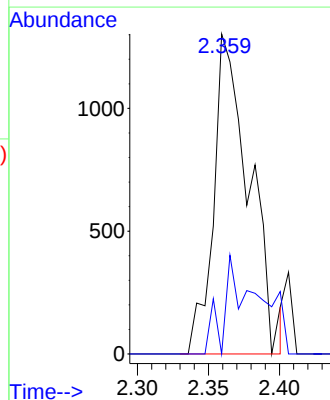
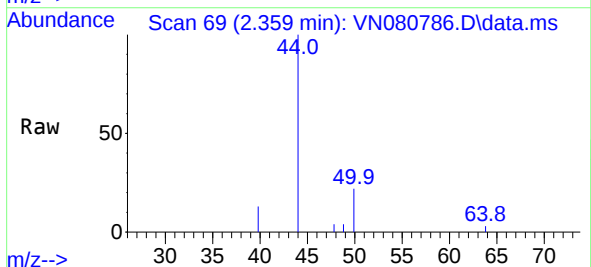
Instrument :
MSVOA_N
ClientSampleId :
IBLK

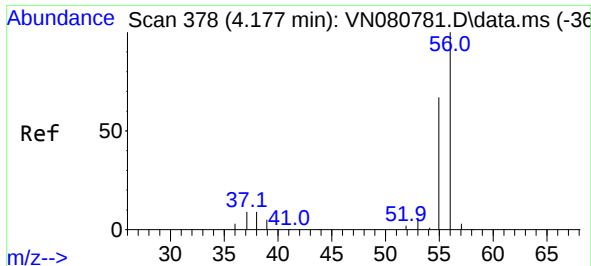
Tgt Ion:168 Resp: 68044
Ion Ratio Lower Upper
168 100
99 65.6 59.9 89.9



#3
Chloromethane
Concen: 1.501 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

Tgt Ion: 50 Resp: 2281
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#13

Acrolein

Concen: 0.500 ug/l

RT: 4.165 min Scan# 31

Delta R.T. -0.012 min

Lab File: VN080786.D

Acq: 29 Jan 2024 12:36

Instrument :

MSVOA_N

ClientSampleId :

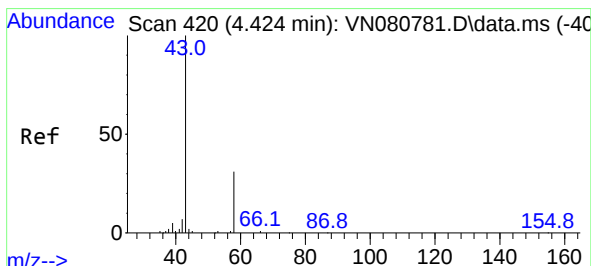
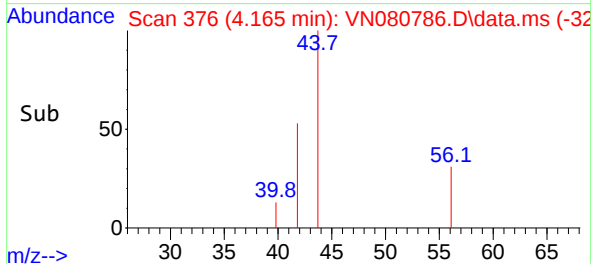
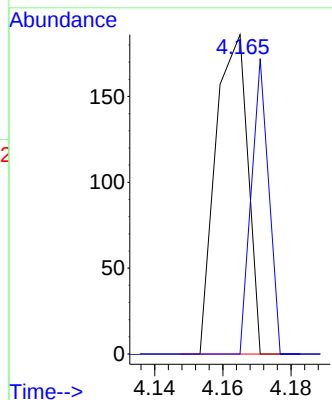
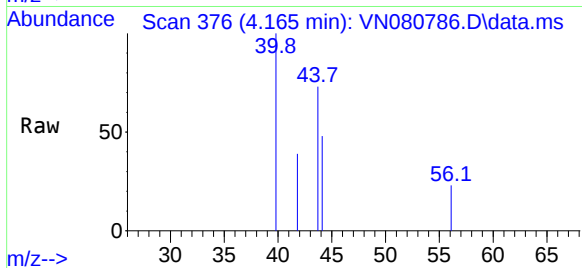
IBLK

Tgt Ion: 56 Resp: 121

Ion Ratio Lower Upper

56 100

55 50.4 55.3 82.9#



#16

Acetone

Concen: 1.115 ug/l

RT: 4.459 min Scan# 426

Delta R.T. 0.035 min

Lab File: VN080786.D

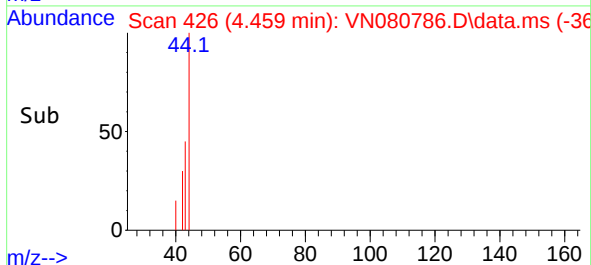
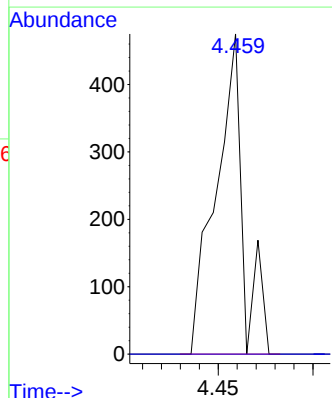
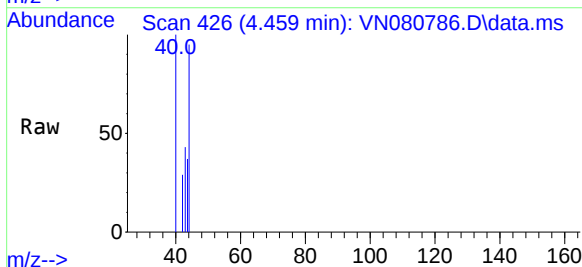
Acq: 29 Jan 2024 12:36

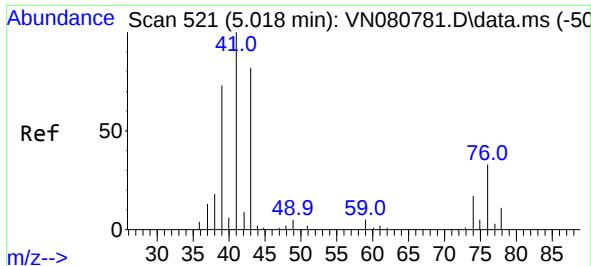
Tgt Ion: 43 Resp: 476

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#

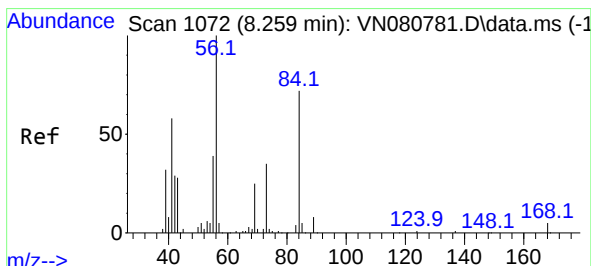
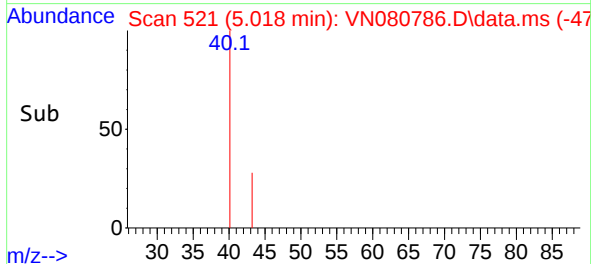
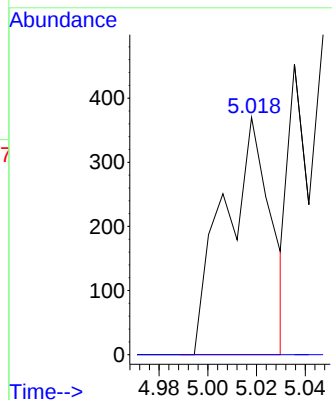
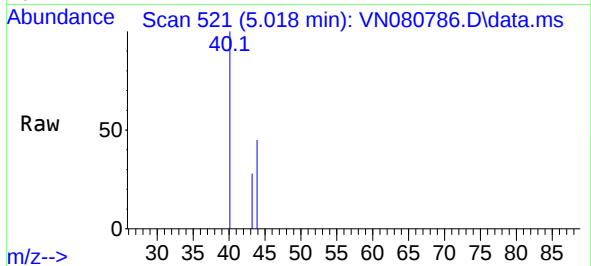




#18
Methyl Acetate
Concen: 0.331 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

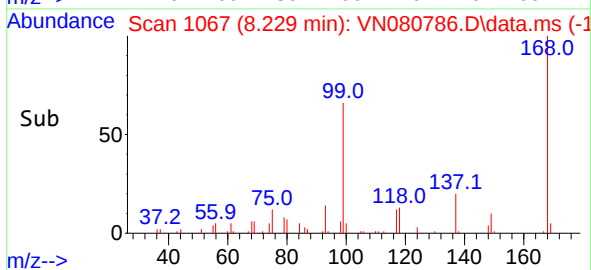
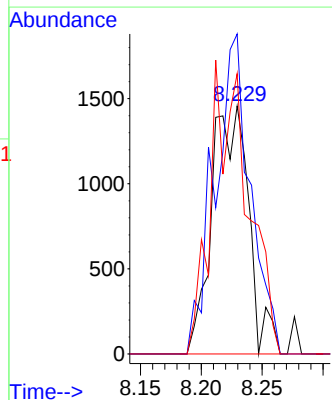
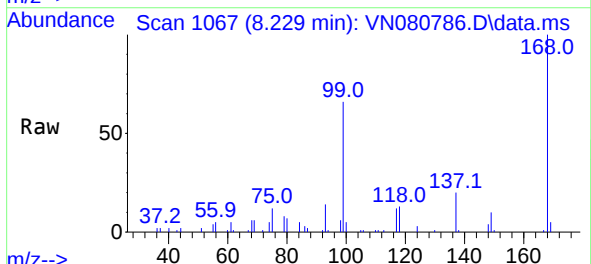
Instrument :
MSVOA_N
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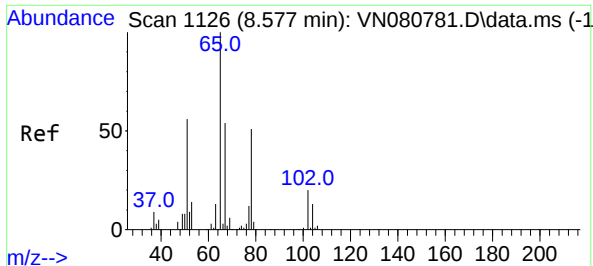
Tgt Ion: 43 Resp: 492
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



#31
Cyclohexane
Concen: 1.532 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

Tgt Ion: 56 Resp: 3093
Ion Ratio Lower Upper
56 100
69 129.0 20.1 30.1#
84 113.0 56.9 85.3#

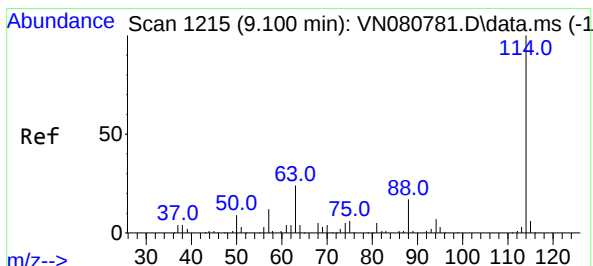
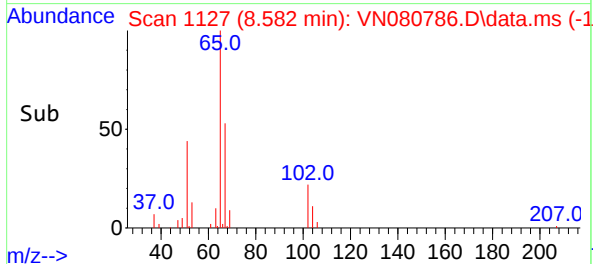
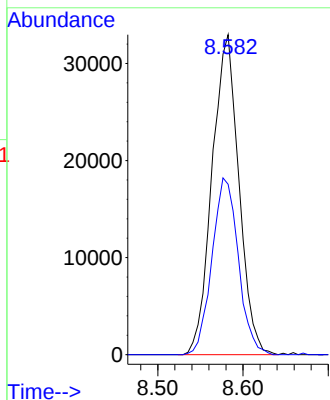
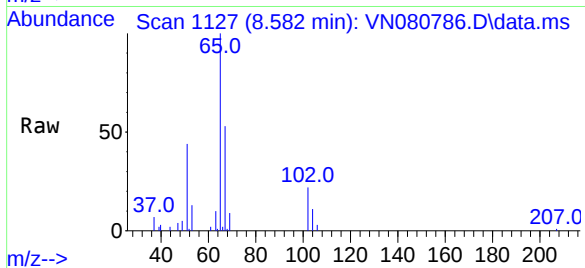




#33
1,2-Dichloroethane-d4
Concen: 61.160 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

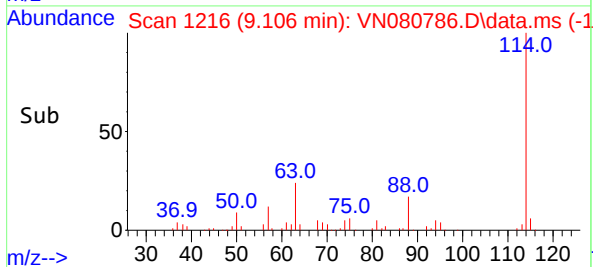
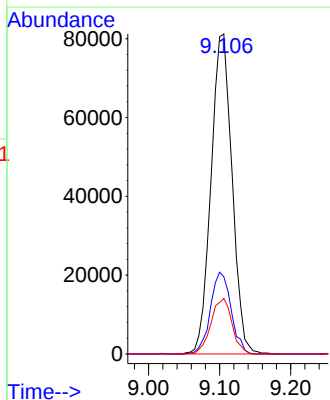
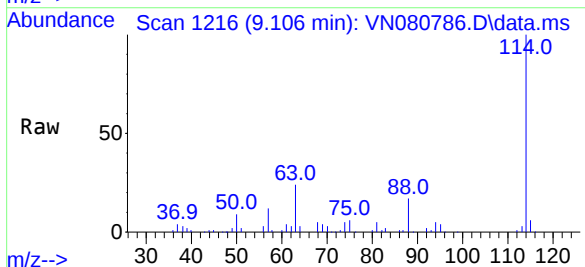
Instrument :
MSVOA_N
ClientSampleId :
IBLK

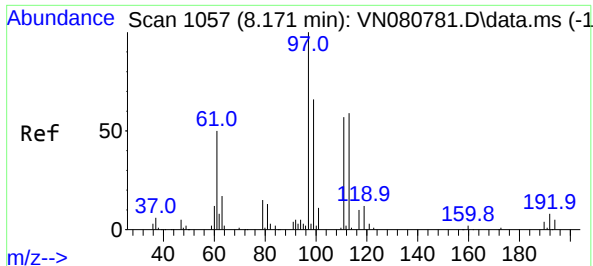
Tgt Ion: 65 Resp: 71994
Ion Ratio Lower Upper
65 100
67 54.3 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

Tgt Ion: 114 Resp: 166867
Ion Ratio Lower Upper
114 100
63 24.2 0.0 48.0
88 17.3 0.0 34.8

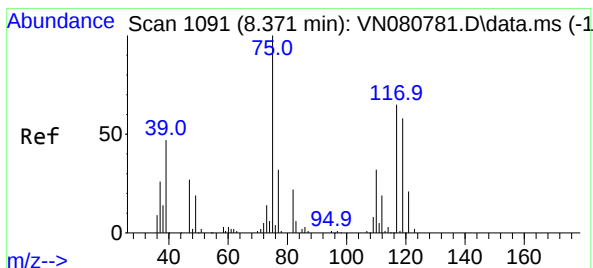
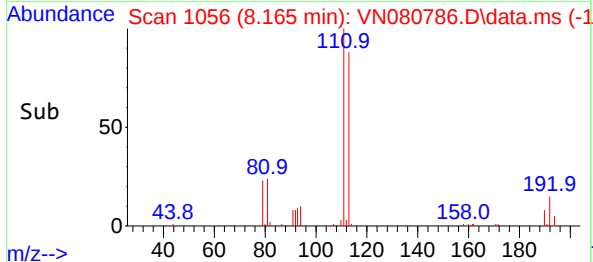
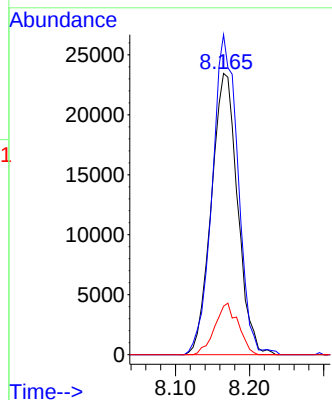
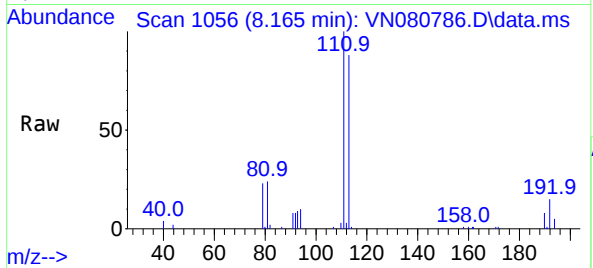




#35
Dibromofluoromethane
Concen: 56.453 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

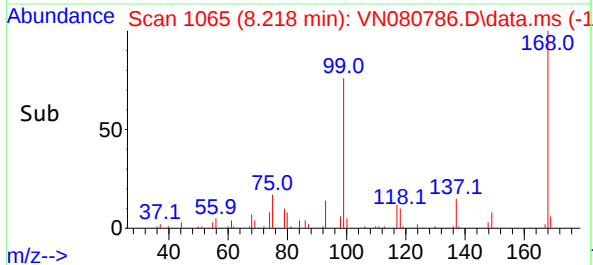
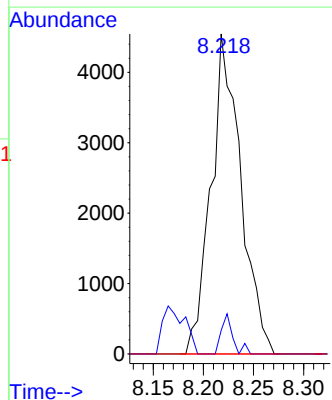
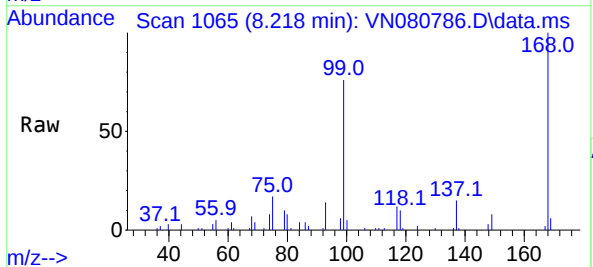
Instrument :
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ClientSampleId :
IBLK

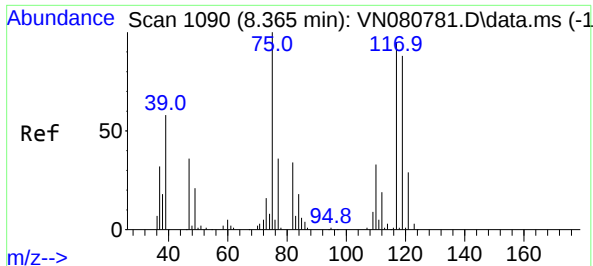
Tgt Ion:113 Resp: 57633
Ion Ratio Lower Upper
113 100
111 110.9 82.2 123.4
192 16.4 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.937 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

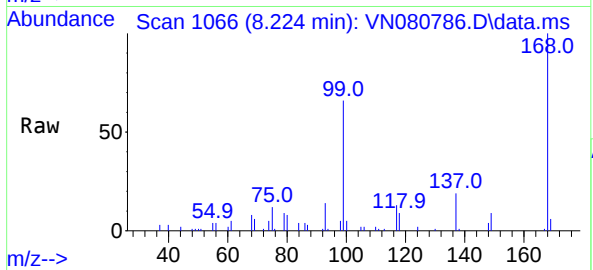
Tgt Ion: 75 Resp: 9368
Ion Ratio Lower Upper
75 100
110 4.8 16.0 48.0#
77 0.0 25.8 38.6#



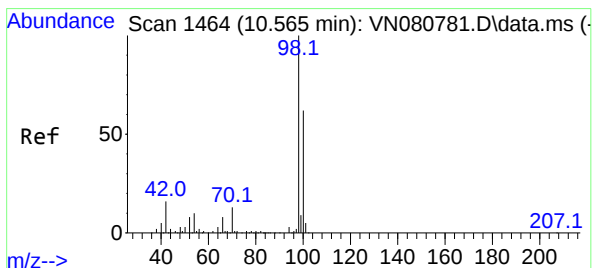
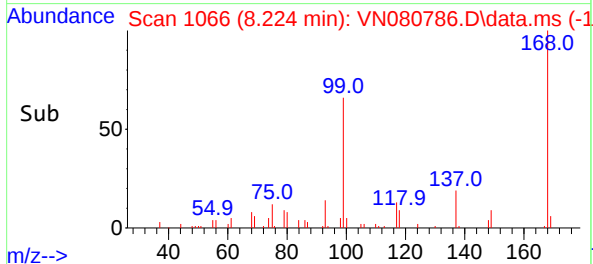
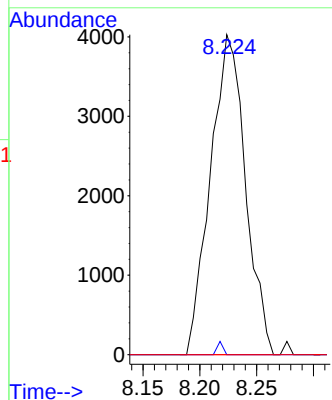


#38
Carbon Tetrachloride
Concen: 5.658 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

Instrument :
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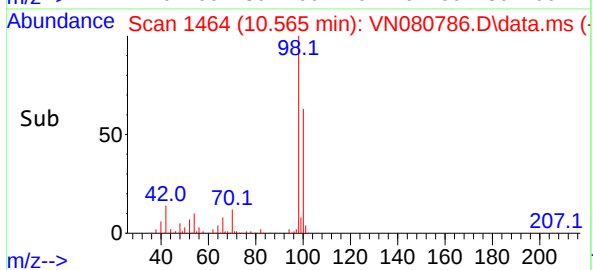
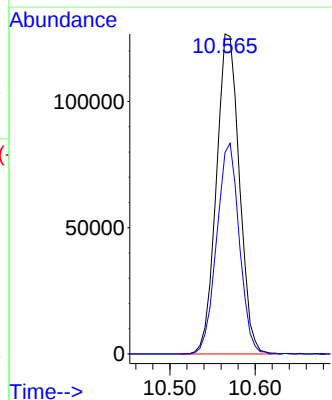
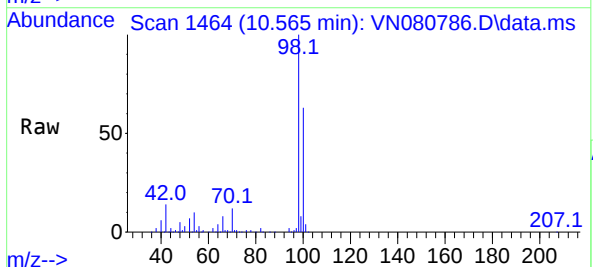


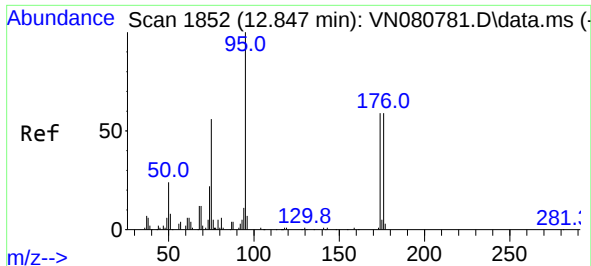
Tgt Ion:117 Resp: 8650
Ion Ratio Lower Upper
117 100
119 0.0 73.4 110.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 59.420 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

Tgt Ion: 98 Resp: 237428
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0

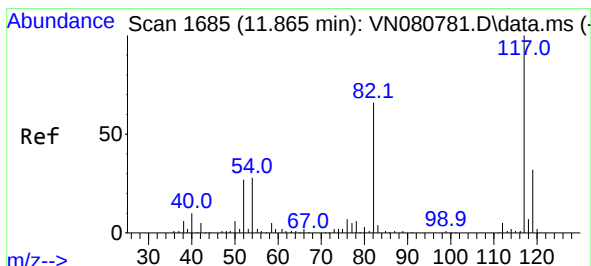
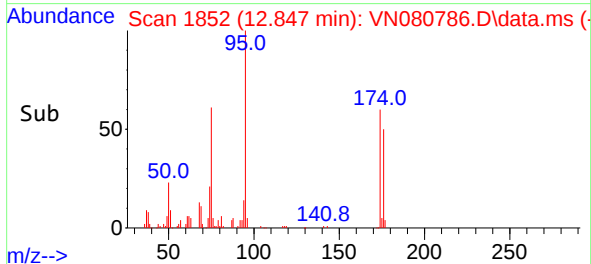
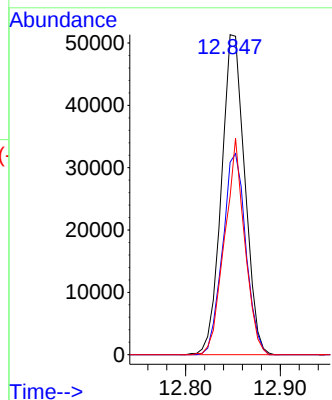
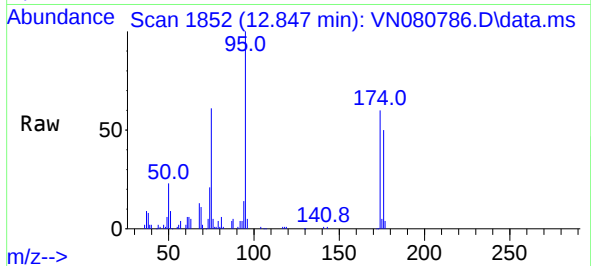




#62
4-Bromofluorobenzene
Concen: 63.265 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

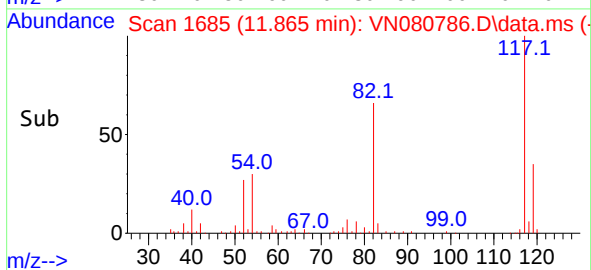
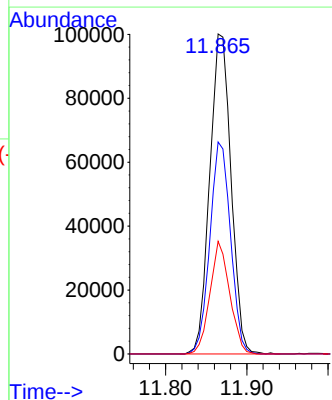
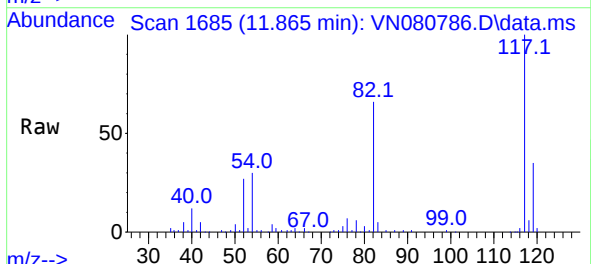
Instrument :
MSVOA_N
ClientSampleId :
IBLK

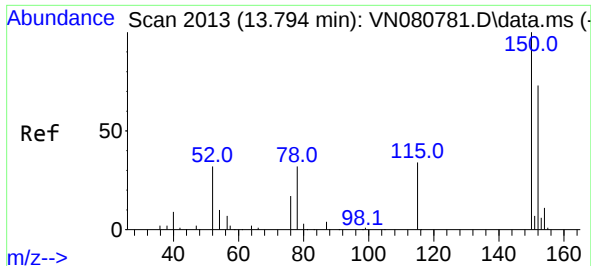
Tgt Ion: 95 Resp: 88090
Ion Ratio Lower Upper
95 100
174 62.4 0.0 120.4
176 58.4 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

Tgt Ion: 117 Resp: 182359
Ion Ratio Lower Upper
117 100
82 66.3 52.7 79.1
119 35.2 25.3 37.9

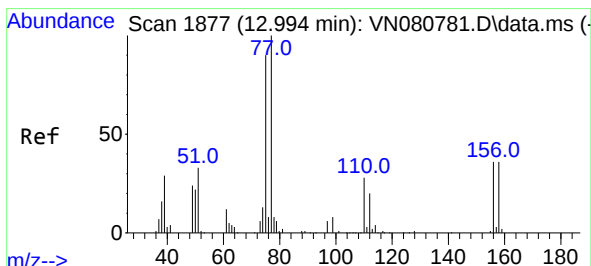
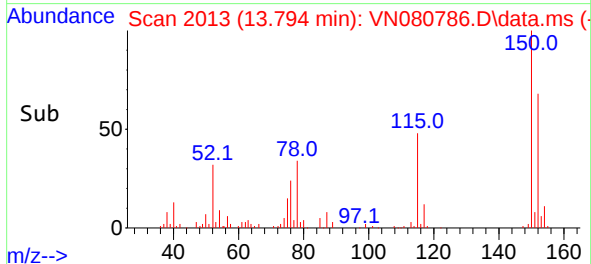
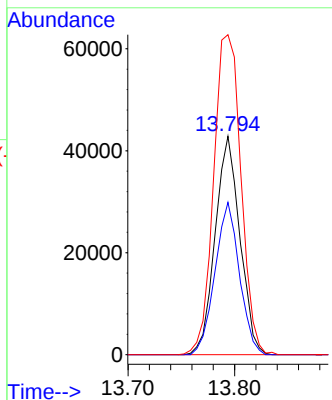
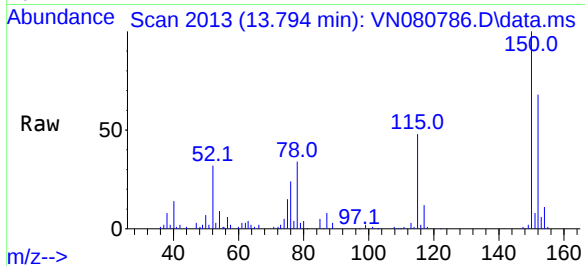




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

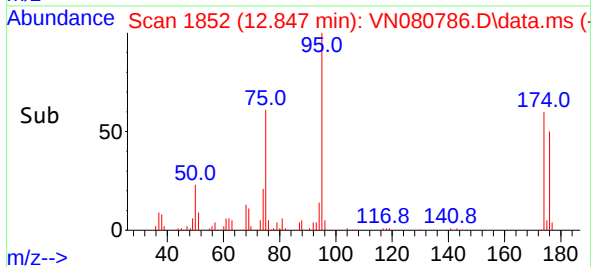
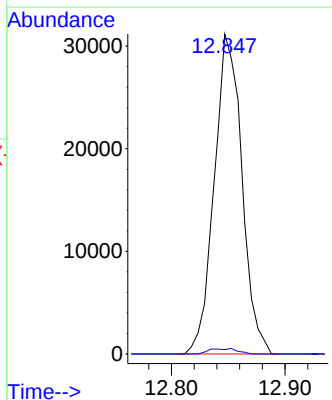
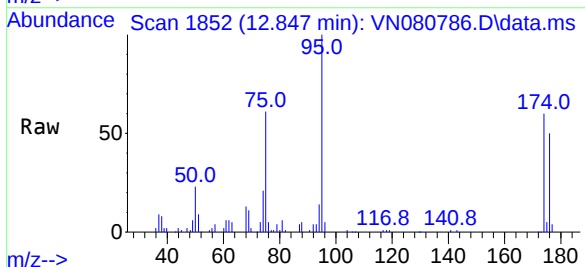
Instrument :
MSVOA_N
ClientSampleId :
IBLK

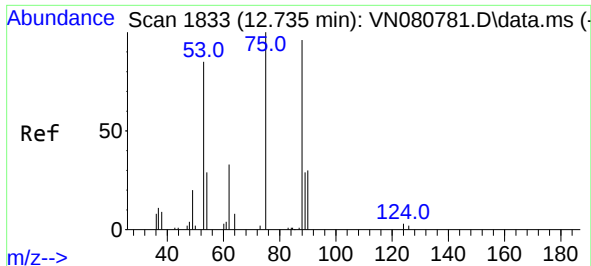
Tgt Ion:152 Resp: 69052
Ion Ratio Lower Upper
152 100
115 68.7 32.3 96.8
150 161.8 0.0 339.8



#76
1,2,3-Trichloropropane
Concen: 25.284 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

Tgt Ion: 75 Resp: 52656
Ion Ratio Lower Upper
75 100
77 1.7 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.135 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 52656
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 33.4 50.0#

