

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072424\
 Data File : VN083030.D
 Acq On : 24 Jul 2024 15:42
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 25 02:40:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

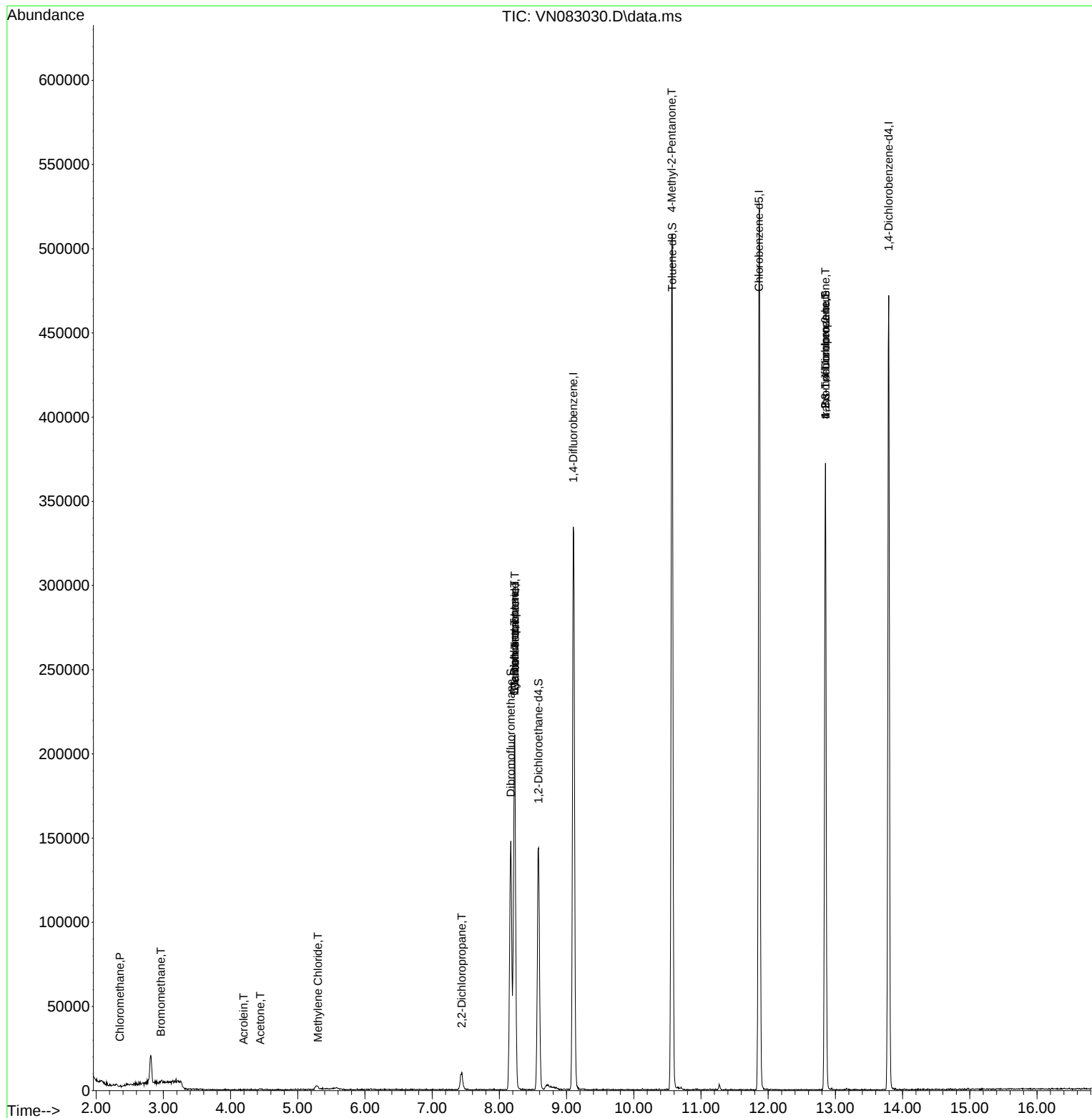
Internal Standards						
1) Pentafluorobenzene	8.230	168	146463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118674	57.802	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.600%	
35) Dibromofluoromethane	8.171	113	100366	54.249	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.500%	
50) Toluene-d8	10.571	98	343857	50.321	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.640%	
62) 4-Bromofluorobenzene	12.853	95	113376	46.190	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	382	0.212	ug/l #	43
5) Bromomethane	2.965	94	668	0.491	ug/l #	56
13) Acrolein	4.195	56	71	0.285	ug/l #	14
16) Acetone	4.442	43	912	1.262	ug/l #	48
20) Methylene Chloride	5.300	84	1730	0.991	ug/l #	64
26) 2,2-Dichloropropane	7.441	77	674	0.245	ug/l #	56
31) Cyclohexane	8.224	56	4235	1.578	ug/l #	41
36) 1,1-Dichloropropene	8.224	75	12879	5.049	ug/l #	48
38) Carbon Tetrachloride	8.230	117	15949	5.193	ug/l #	17
43) Isopropyl Acetate	8.712	43	2230	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1748	0.679	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	66043	31.682	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	66043	62.309	ug/l #	6

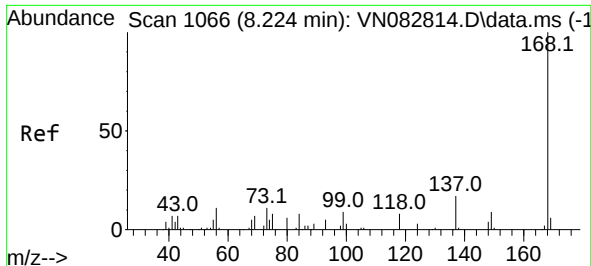
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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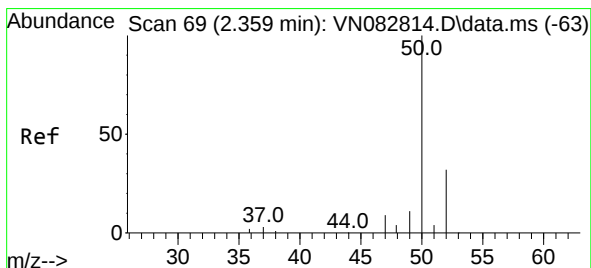
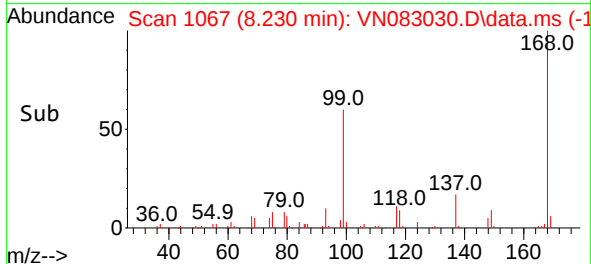
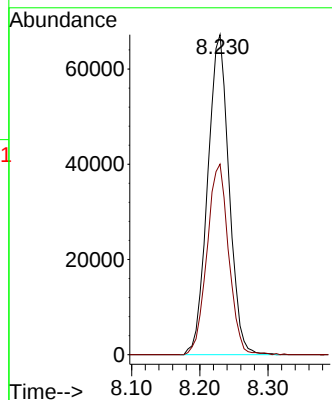
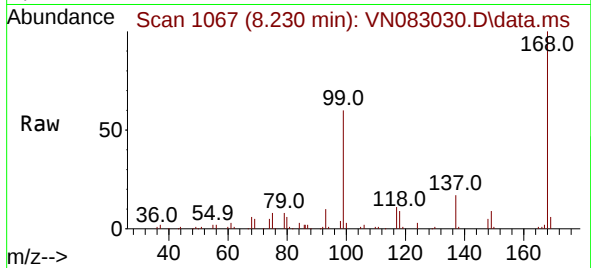




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN083030.D
Acq: 24 Jul 2024 15:42

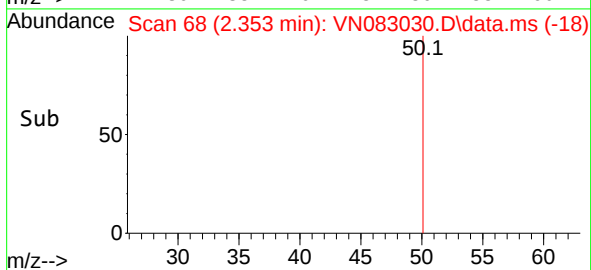
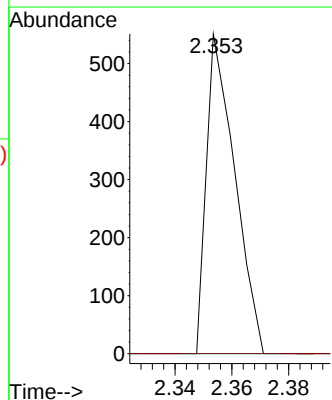
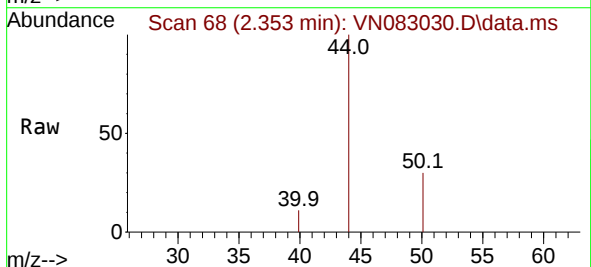
Instrument :
MSVOA_N
ClientSampleId :
IBLK

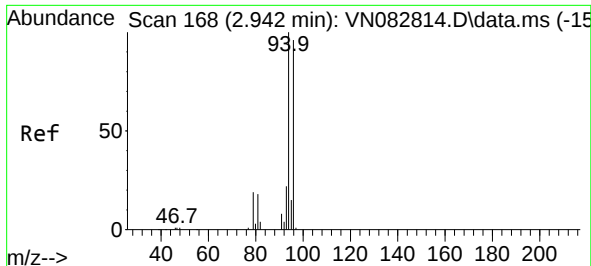
Tgt Ion:168 Resp: 146463
Ion Ratio Lower Upper
168 100
99 59.5 48.2 72.4



#3
Chloromethane
Concen: 0.212 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083030.D
Acq: 24 Jul 2024 15:42

Tgt Ion: 50 Resp: 382
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

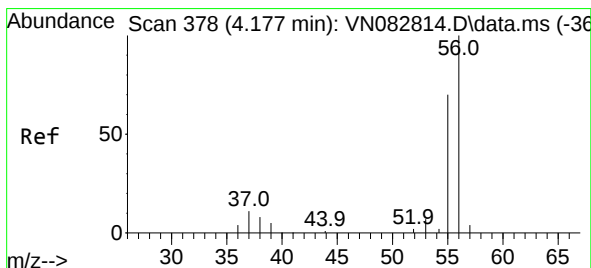
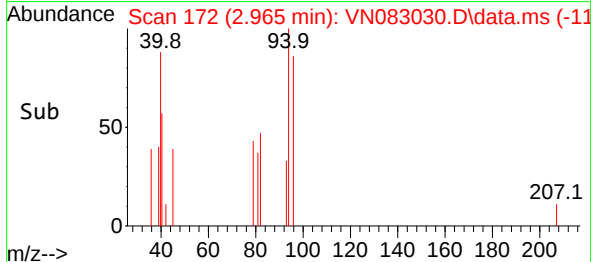
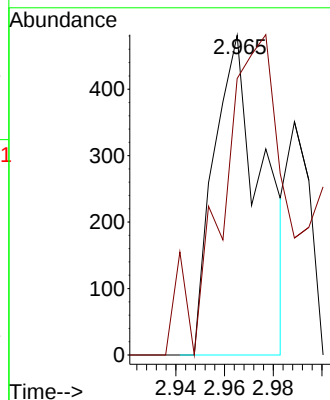
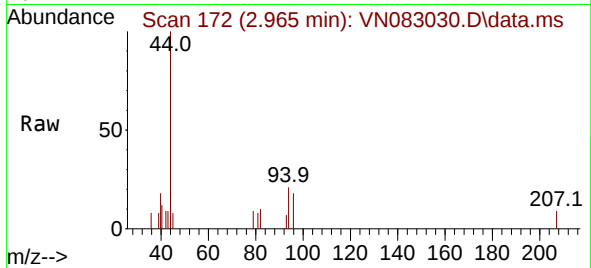




#5
Bromomethane
Concen: 0.491 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN083030.D
Acq: 24 Jul 2024 15:42

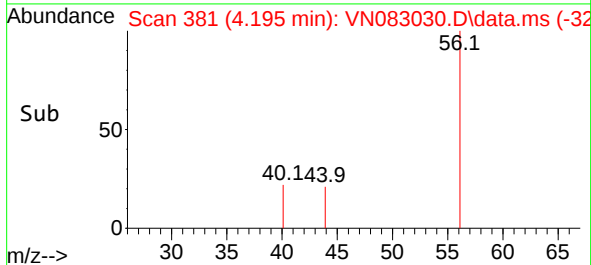
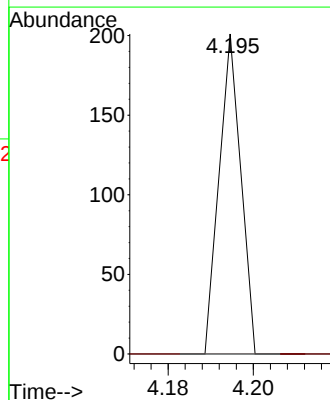
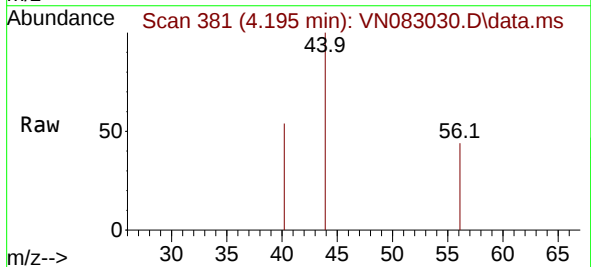
Instrument :
MSVOA_N
ClientSampleId :
IBLK

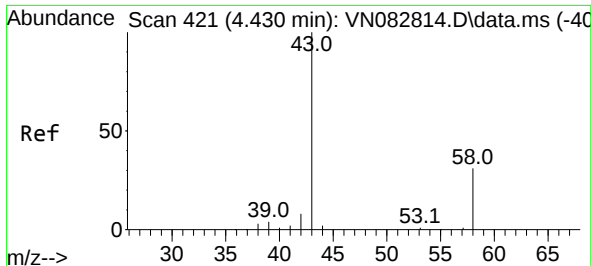
Tgt Ion: 94 Resp: 668
Ion Ratio Lower Upper
94 100
96 54.3 78.0 117.0#



#13
Acrolein
Concen: 0.285 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN083030.D
Acq: 24 Jul 2024 15:42

Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

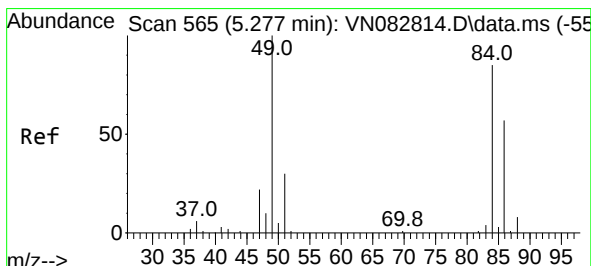
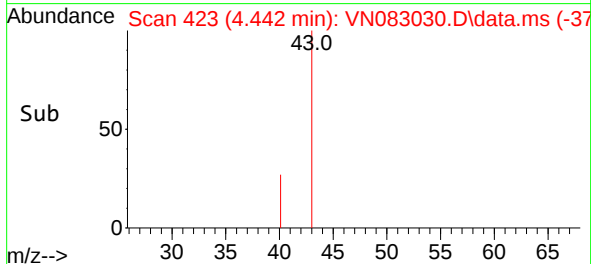
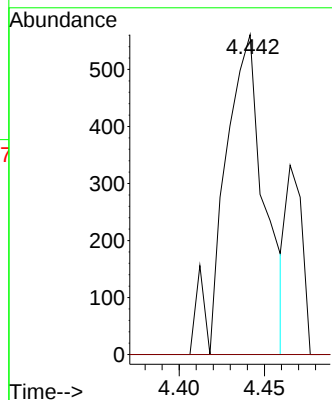
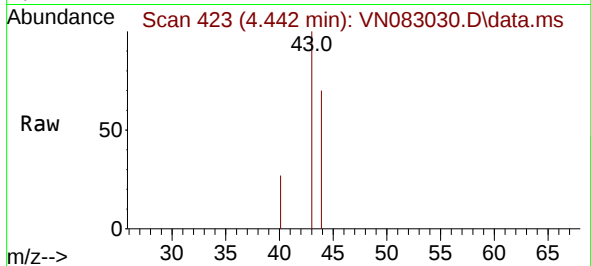




#16
Acetone
Concen: 1.262 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083030.D
Acq: 24 Jul 2024 15:42

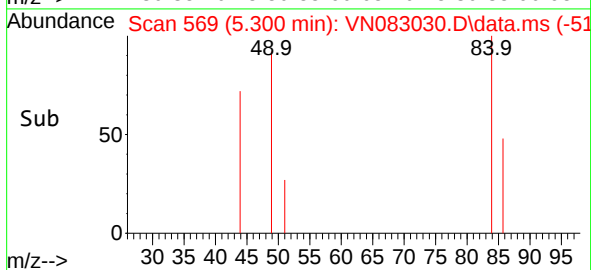
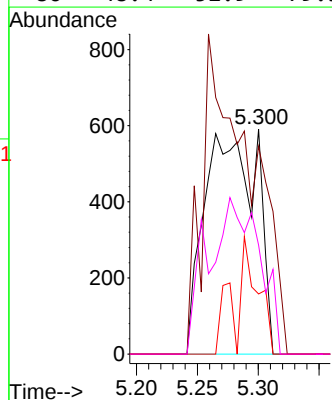
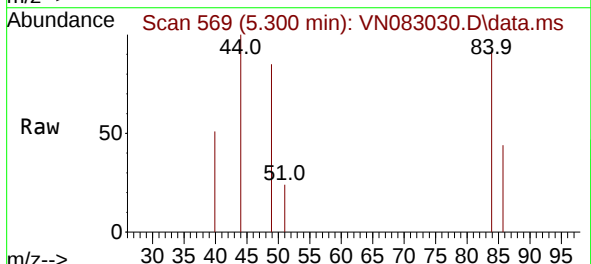
Instrument :
MSVOA_N
ClientSampleId :
IBLK

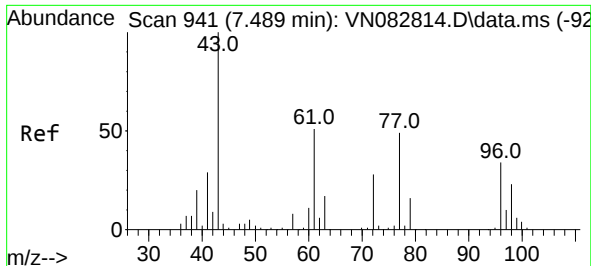
Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#20
Methylene Chloride
Concen: 0.991 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.023 min
Lab File: VN083030.D
Acq: 24 Jul 2024 15:42

Tgt Ion: 84 Resp: 1730
Ion Ratio Lower Upper
84 100
49 92.4 119.6 179.4#
51 26.7 34.8 52.2#
86 48.4 52.9 79.3#

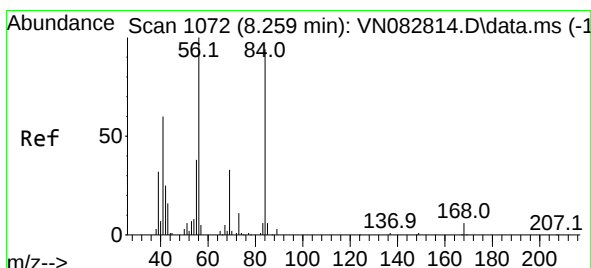
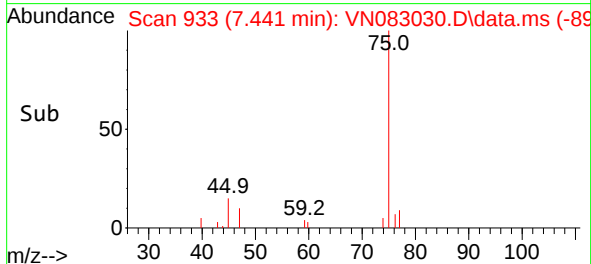
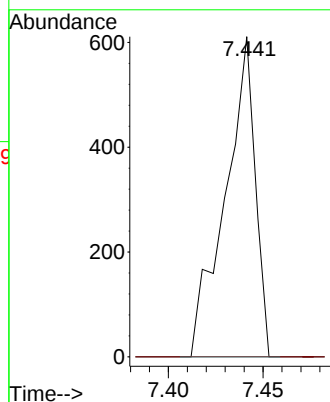
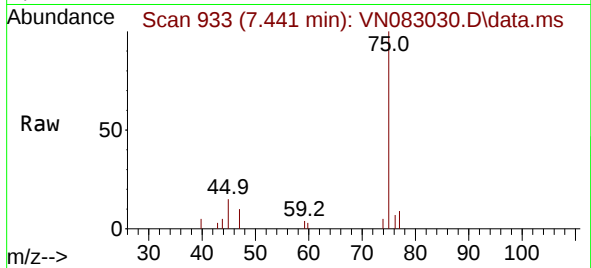




#26
2,2-Dichloropropane
Concen: 0.245 ug/l
RT: 7.441 min Scan# 91
Delta R.T. -0.053 min
Lab File: VN083030.D
Acq: 24 Jul 2024 15:42

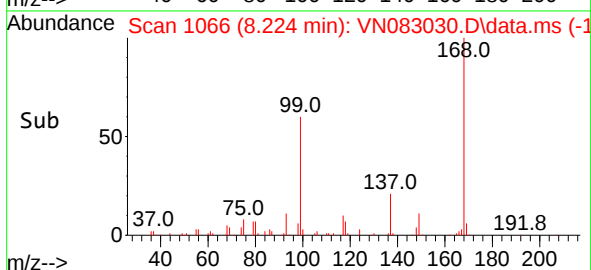
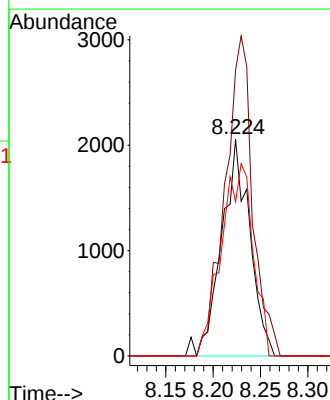
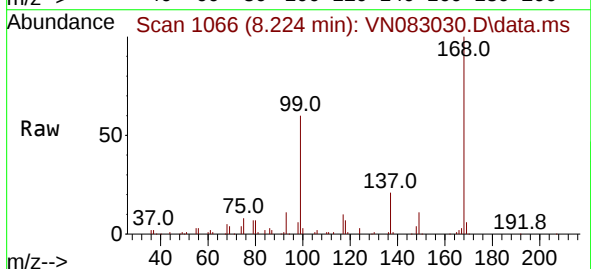
Instrument :
MSVOA_N
ClientSampleId :
IBLK

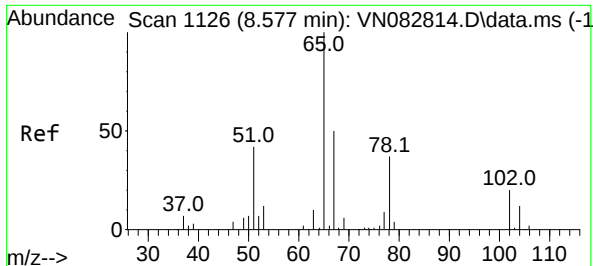
Tgt Ion: 77 Resp: 674
Ion Ratio Lower Upper
77 100
97 0.0 10.3 30.9#



#31
Cyclohexane
Concen: 1.578 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083030.D
Acq: 24 Jul 2024 15:42

Tgt Ion: 56 Resp: 4235
Ion Ratio Lower Upper
56 100
69 131.9 24.5 36.7#
84 71.1 66.0 99.0





#33

1,2-Dichloroethane-d4

Concen: 57.802 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083030.D

Acq: 24 Jul 2024 15:42

Instrument :

MSVOA_N

ClientSampleId :

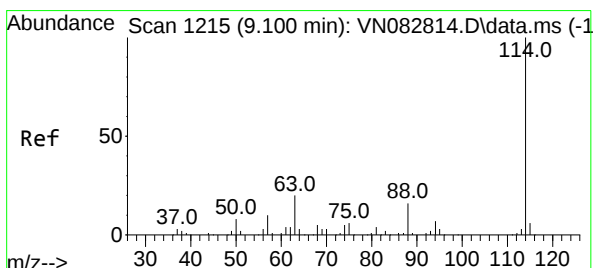
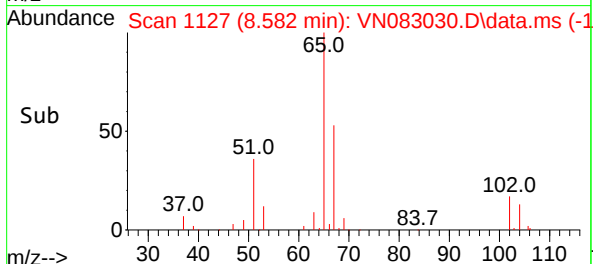
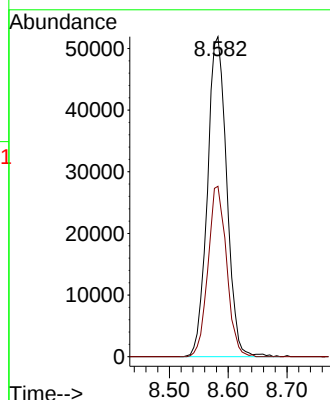
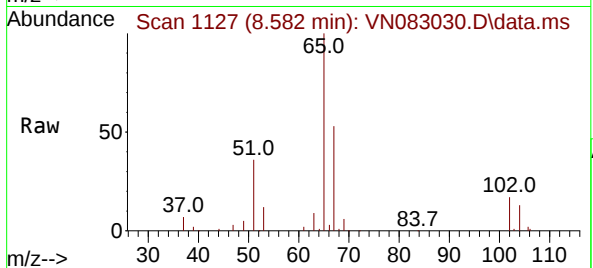
IBLK

Tgt Ion: 65 Resp: 118674

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN083030.D

Acq: 24 Jul 2024 15:42

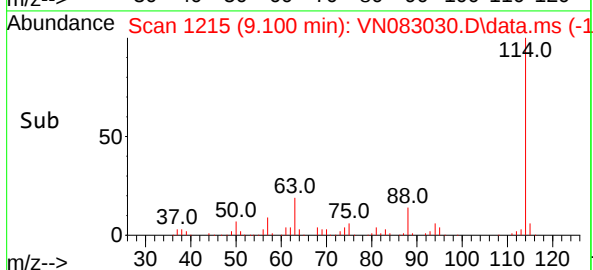
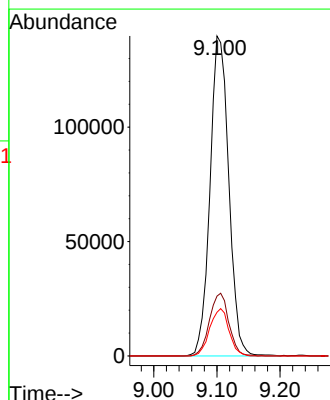
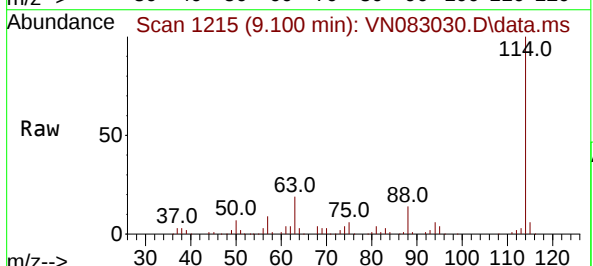
Tgt Ion: 114 Resp: 288321

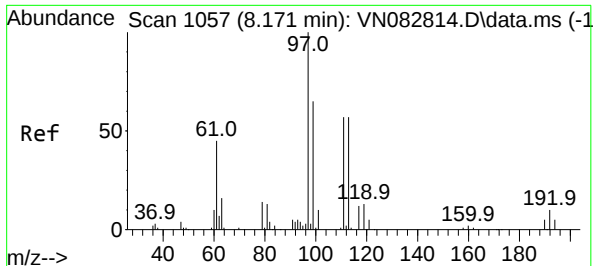
Ion Ratio Lower Upper

114 100

63 18.7 0.0 44.6

88 13.6 0.0 31.4

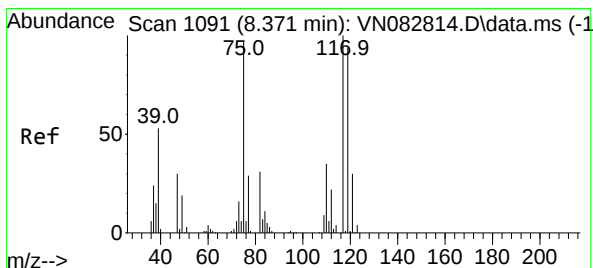
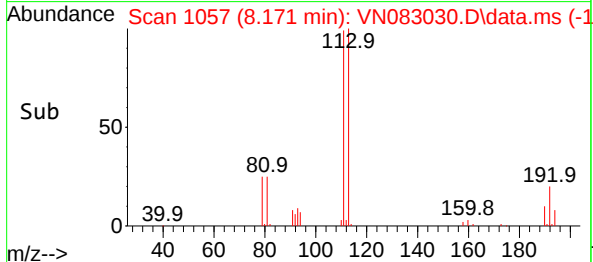
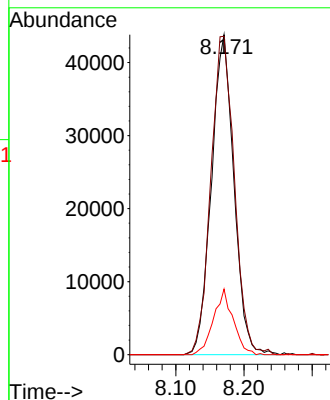
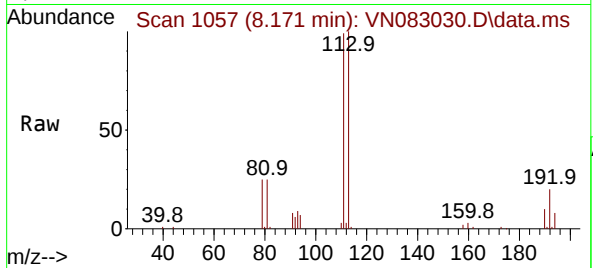




#35
Dibromofluoromethane
Concen: 54.249 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083030.D
Acq: 24 Jul 2024 15:42

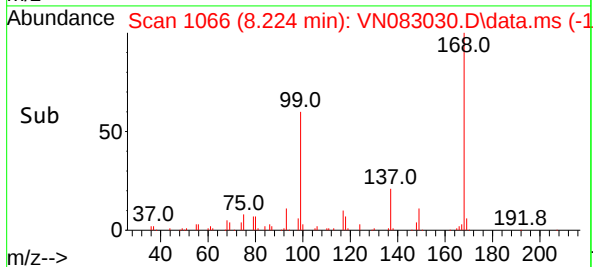
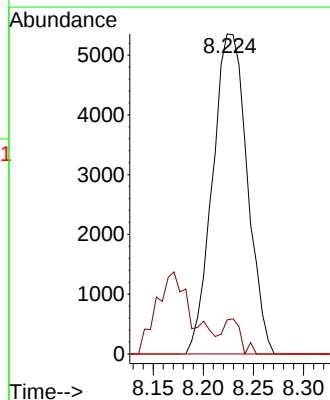
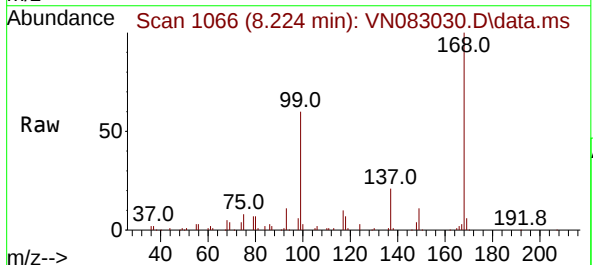
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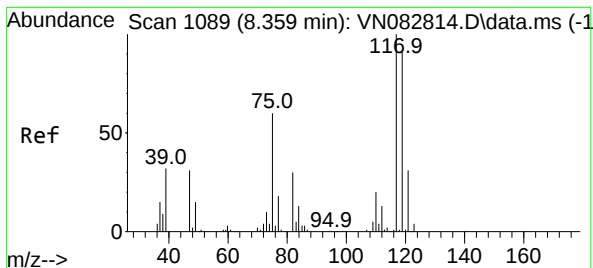
Tgt Ion:113 Resp: 100366
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 18.0 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.049 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083030.D
Acq: 24 Jul 2024 15:42

Tgt Ion: 75 Resp: 12879
Ion Ratio Lower Upper
75 100
110 5.9 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.193 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN083030.D

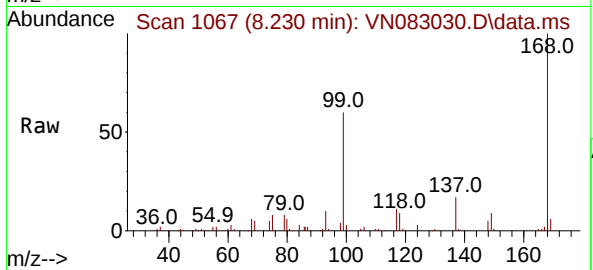
Acq: 24 Jul 2024 15:42

Instrument :

MSVOA_N

ClientSampleId :

IBLK



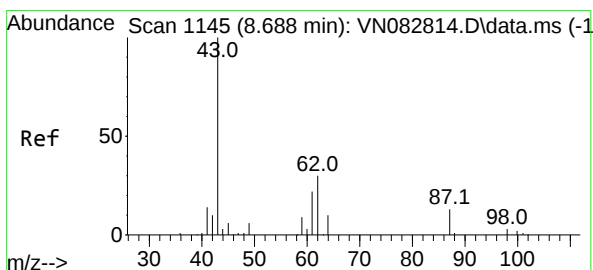
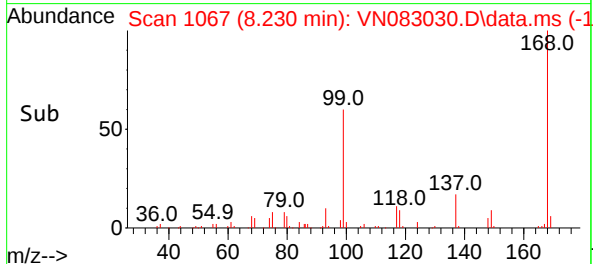
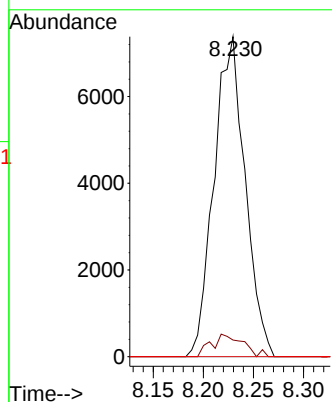
Tgt Ion:117 Resp: 15949

Ion Ratio Lower Upper

117 100

119 5.2 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.712 min Scan# 1149

Delta R.T. 0.018 min

Lab File: VN083030.D

Acq: 24 Jul 2024 15:42

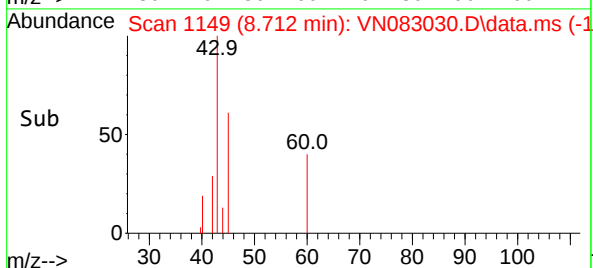
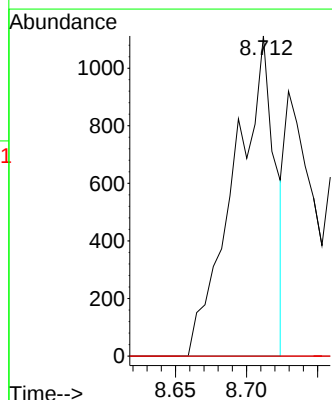
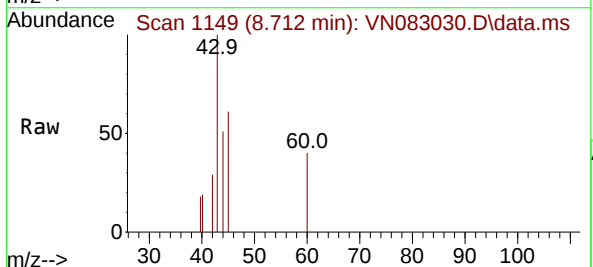
Tgt Ion: 43 Resp: 2230

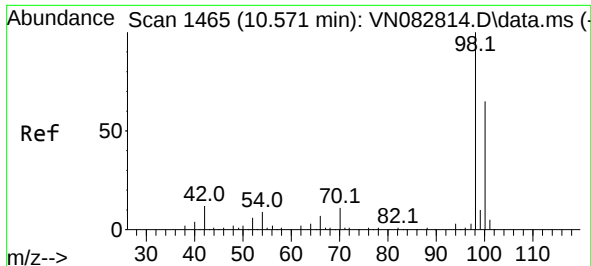
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

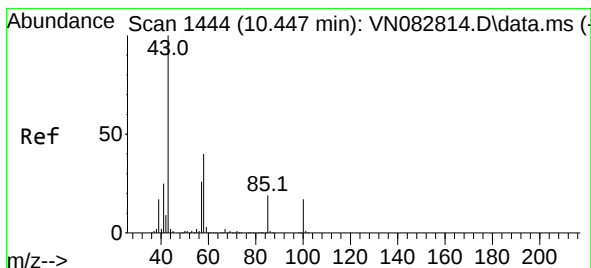
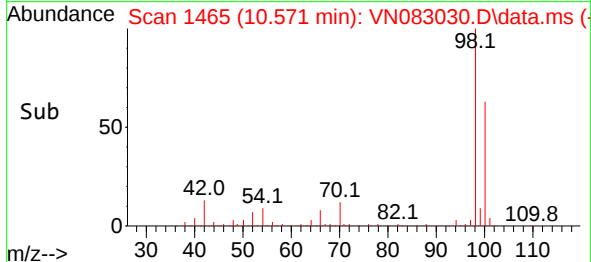
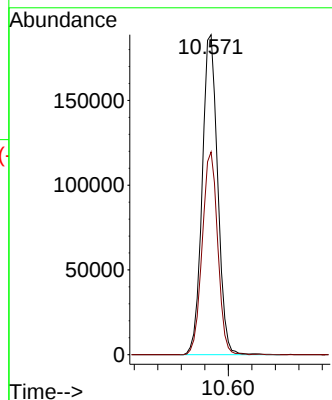
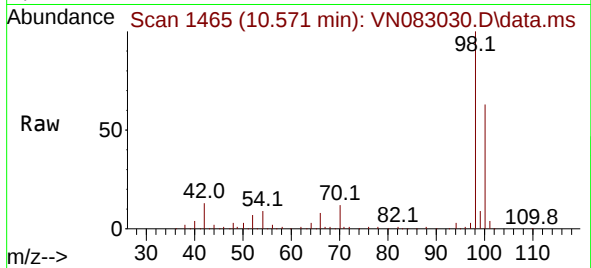




#50
Toluene-d8
Concen: 50.321 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083030.D
Acq: 24 Jul 2024 15:42

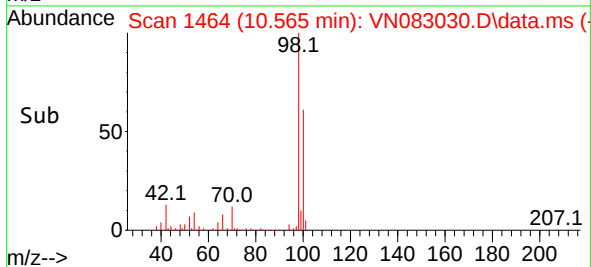
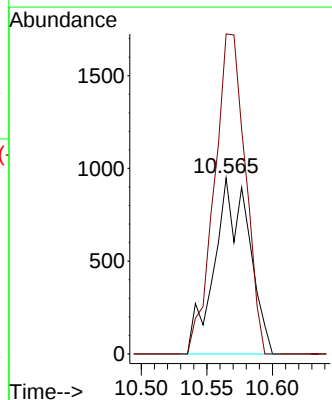
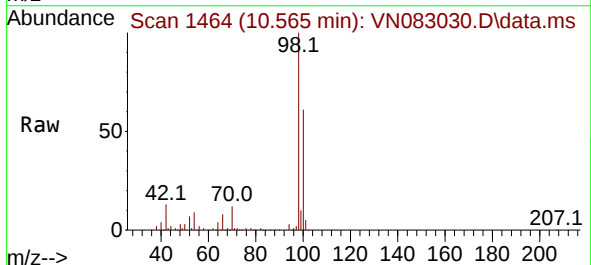
Instrument :
MSVOA_N
ClientSampleId :
IBLK

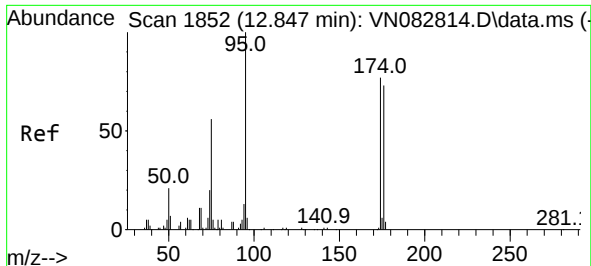
Tgt Ion: 98 Resp: 343857
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.679 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083030.D
Acq: 24 Jul 2024 15:42

Tgt Ion: 43 Resp: 1748
Ion Ratio Lower Upper
43 100
58 162.2 28.2 42.4#

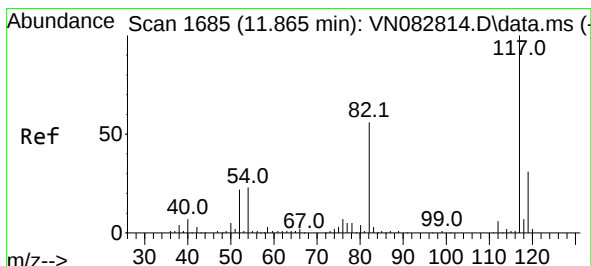
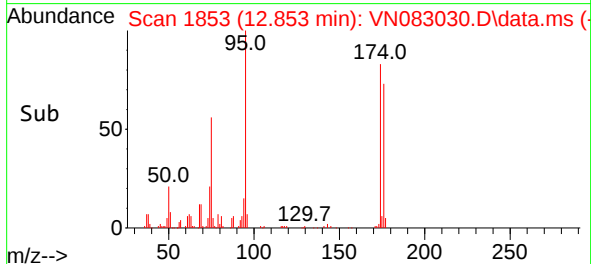
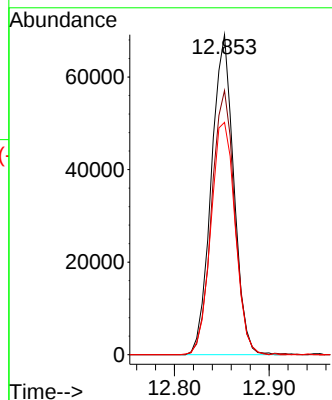
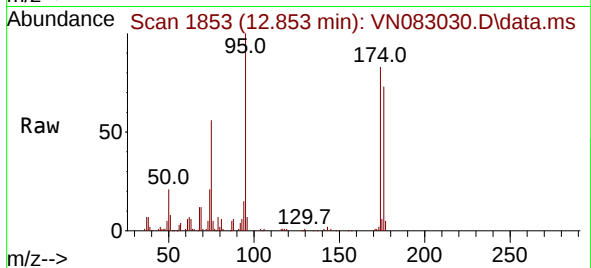




#62
4-Bromofluorobenzene
Concen: 46.190 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083030.D
Acq: 24 Jul 2024 15:42

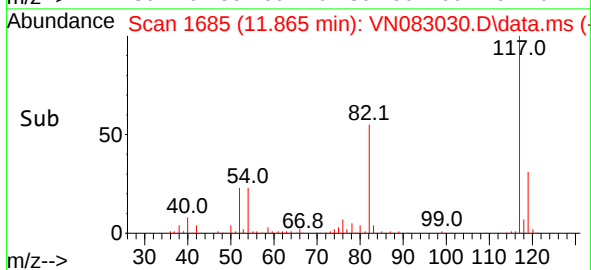
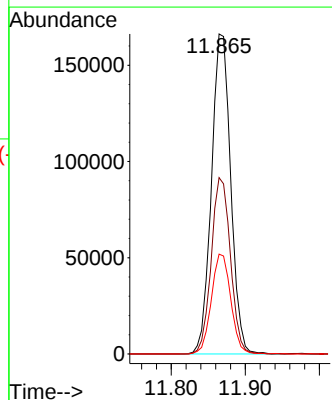
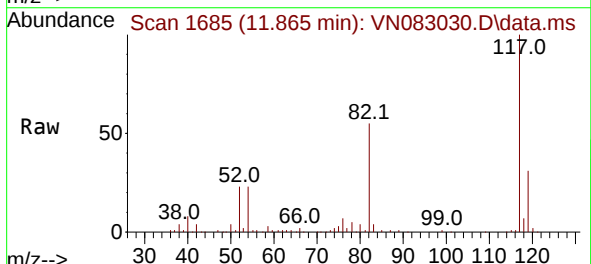
Instrument :
MSVOA_N
ClientSampleId :
IBLK

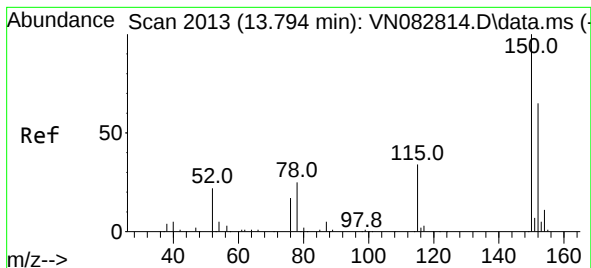
Tgt Ion: 95 Resp: 113376
Ion Ratio Lower Upper
95 100
174 84.8 0.0 159.2
176 78.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083030.D
Acq: 24 Jul 2024 15:42

Tgt Ion: 117 Resp: 300026
Ion Ratio Lower Upper
117 100
82 55.1 47.5 71.3
119 31.2 25.6 38.4

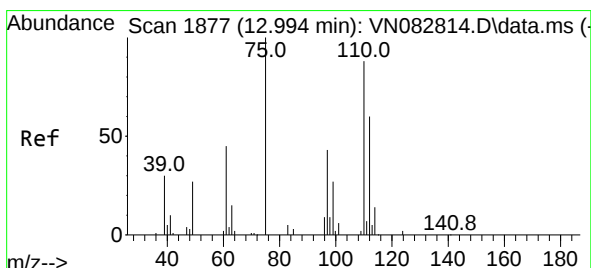
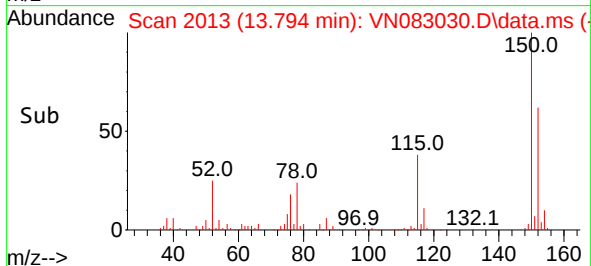
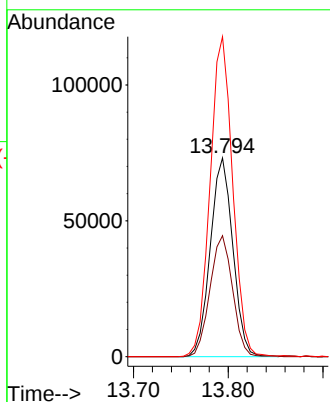
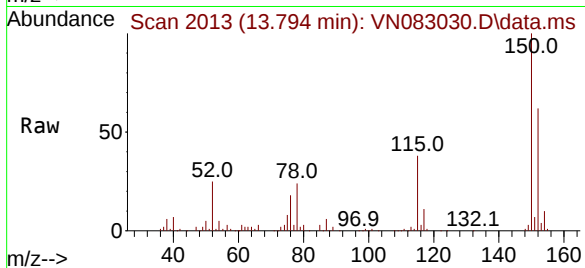




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083030.D
Acq: 24 Jul 2024 15:42

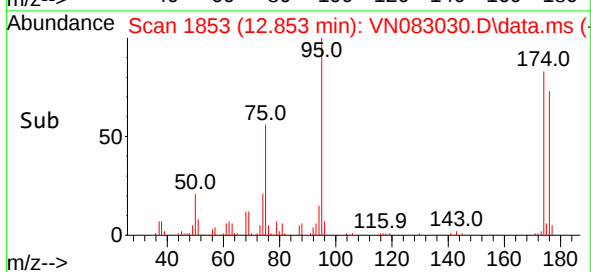
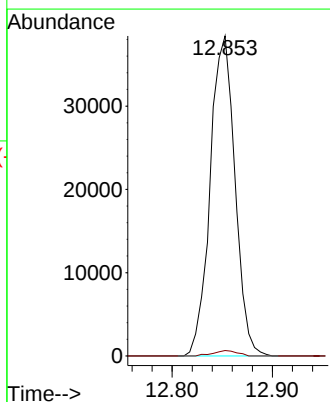
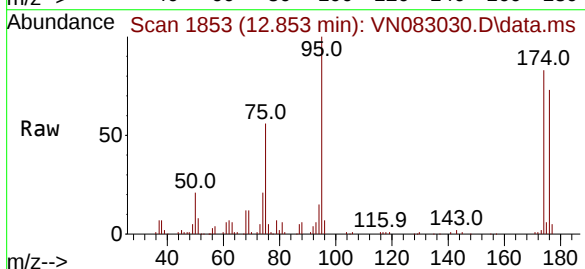
Instrument :
MSVOA_N
ClientSampleId :
IBLK

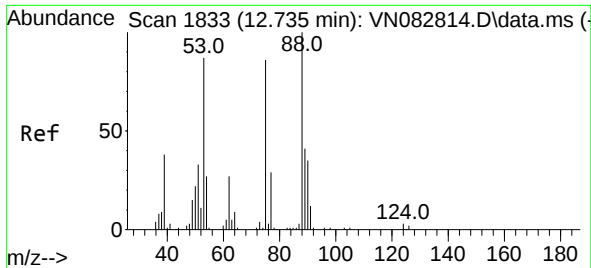
Tgt Ion:152 Resp: 120911
Ion Ratio Lower Upper
152 100
115 61.2 30.6 91.6
150 160.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 31.682 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083030.D
Acq: 24 Jul 2024 15:42

Tgt Ion: 75 Resp: 66043
Ion Ratio Lower Upper
75 100
77 1.6 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.309 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083030.D
 Acq: 24 Jul 2024 15:42

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 66043
 Ion Ratio Lower Upper
 75 100
 53 0.2 88.4 132.6#
 89 0.0 36.3 54.5#

