

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072224\
 Data File : VN083006.D
 Acq On : 22 Jul 2024 16:00
 Operator : JC\MD
 Sample : P3323-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

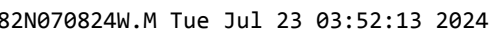
Quant Time: Jul 23 03:52:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

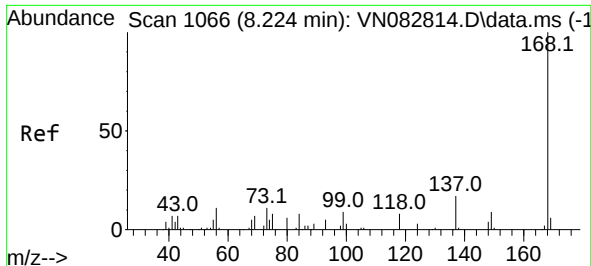
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	70356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	137379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	141583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	55028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	55178	55.947	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.900%
35) Dibromofluoromethane	8.165	113	47179	53.520	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.040%
50) Toluene-d8	10.571	98	159267	48.916	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.847	95	52184	44.619	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.240%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	319	0.369	ug/l #	43
16) Acetone	4.436	43	806	2.321	ug/l #	48
20) Methylene Chloride	5.283	84	486	0.580	ug/l #	61
31) Cyclohexane	8.224	56	1824	1.415	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	6397	5.263	ug/l #	50
38) Carbon Tetrachloride	8.230	117	7735	5.286	ug/l #	19
43) Isopropyl Acetate	8.694	43	678	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	681	0.555	ug/l #	1
71) Bromoform	12.853	173	659	0.776	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	31053	32.732	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	31053	64.374	ug/l #	6

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

Quant Time: Jul 23 03:52:01 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

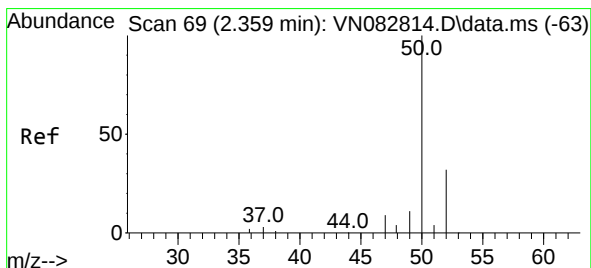
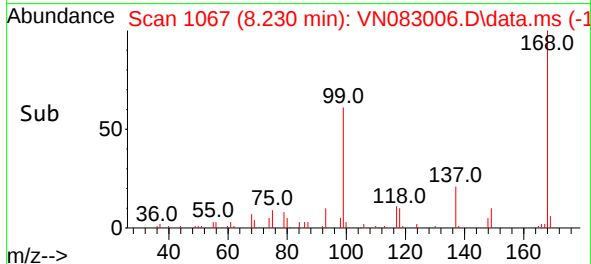
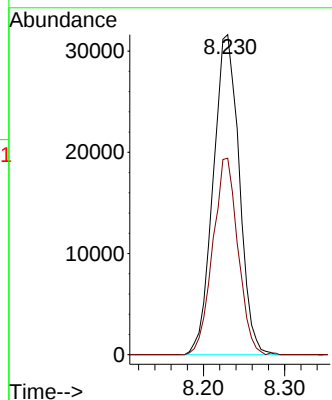
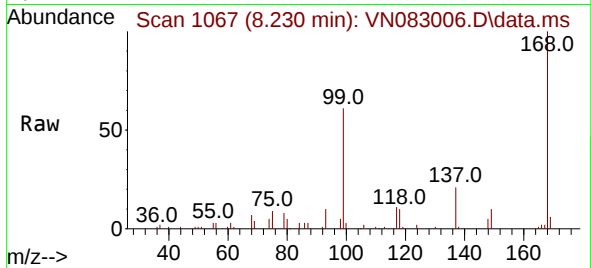




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN083006.D
Acq: 22 Jul 2024 16:00

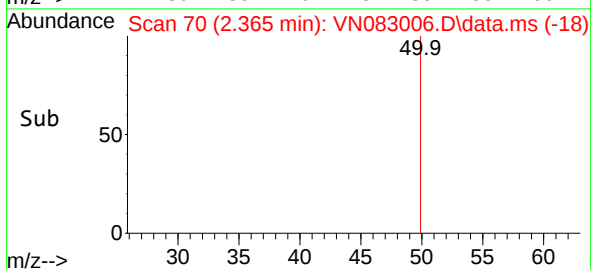
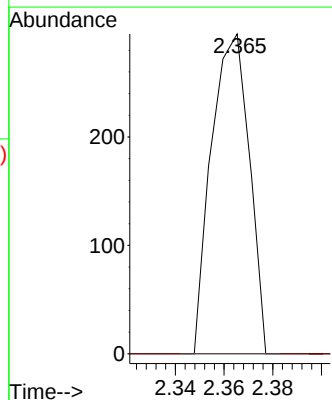
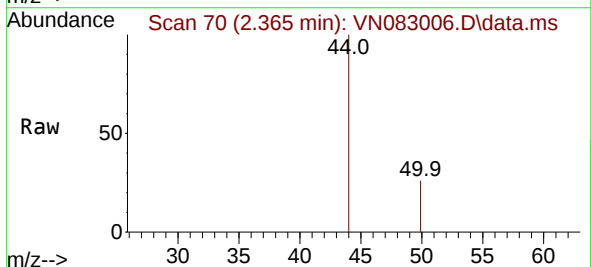
Instrument :
MSVOA_N
ClientSampleId :

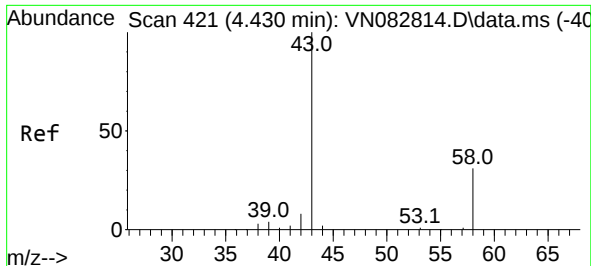
Tgt Ion:168 Resp: 70356
Ion Ratio Lower Upper
168 100
99 61.4 48.2 72.4



#3
Chloromethane
Concen: 0.369 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083006.D
Acq: 22 Jul 2024 16:00

Tgt Ion: 50 Resp: 319
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

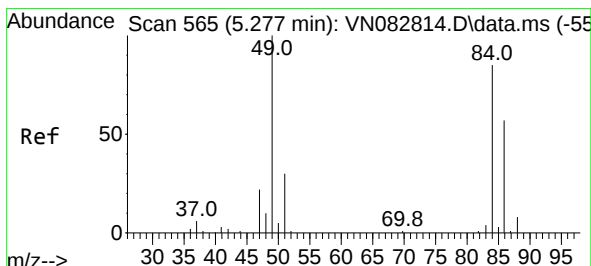
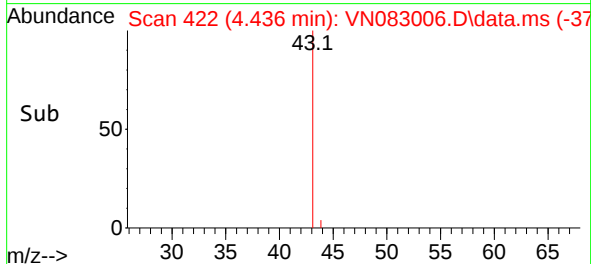
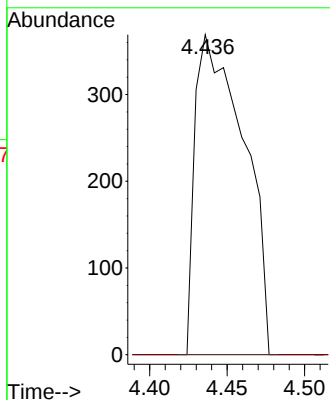
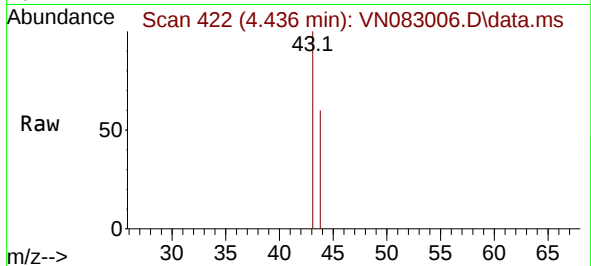




#16
Acetone
Concen: 2.321 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083006.D
Acq: 22 Jul 2024 16:00

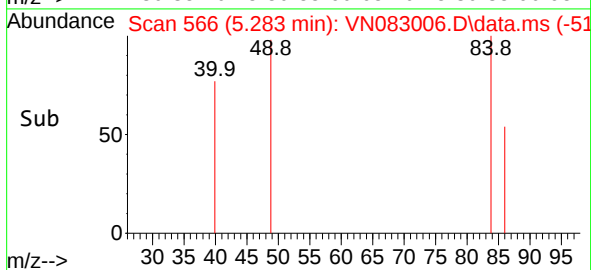
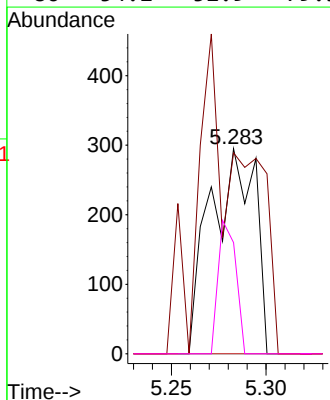
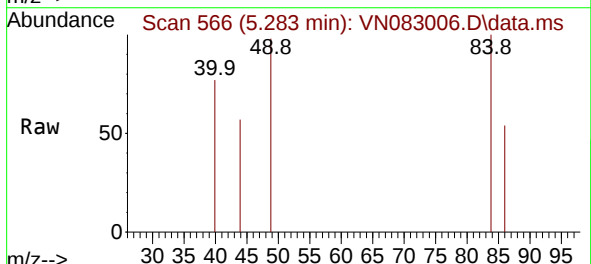
Instrument :
MSVOA_N
ClientSampleId :

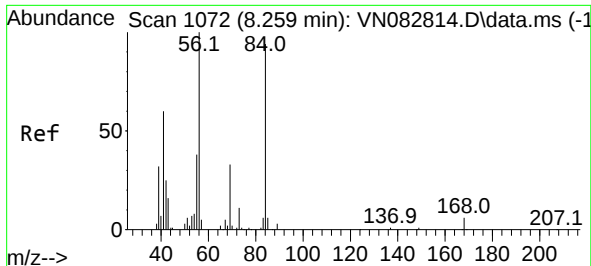
Tgt Ion: 43 Resp: 806
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#20
Methylene Chloride
Concen: 0.580 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083006.D
Acq: 22 Jul 2024 16:00

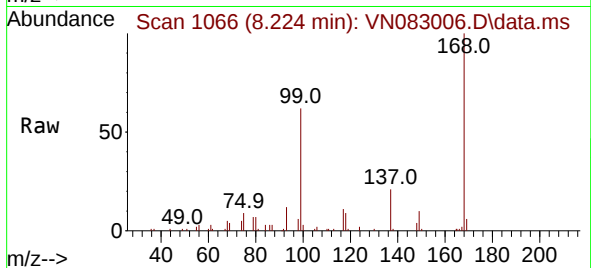
Tgt Ion: 84 Resp: 486
Ion Ratio Lower Upper
84 100
49 98.0 119.6 179.4#
51 0.0 34.8 52.2#
86 54.2 52.9 79.3



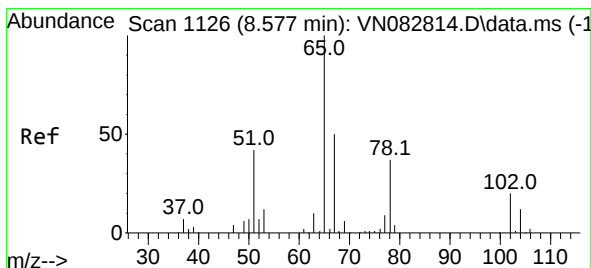
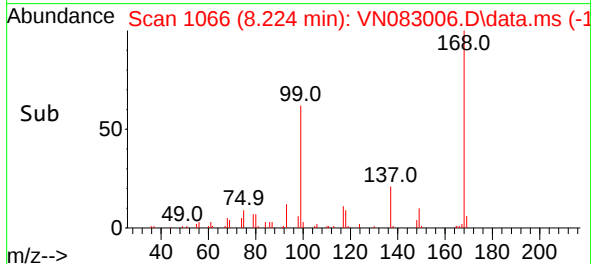
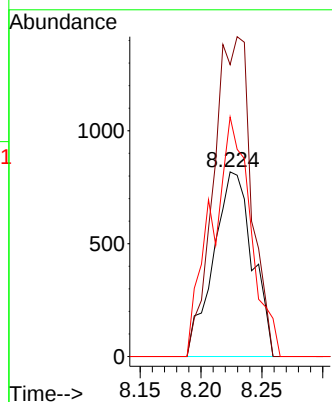


#31
Cyclohexane
Concen: 1.415 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083006.D
Acq: 22 Jul 2024 16:00

Instrument :
MSVOA_N
ClientSampleId :

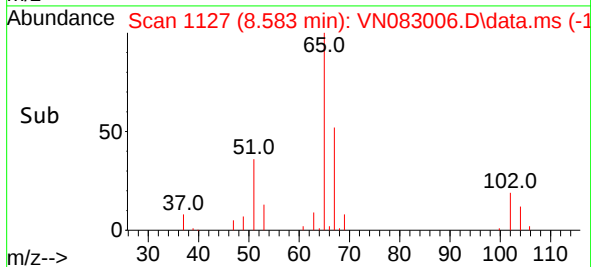
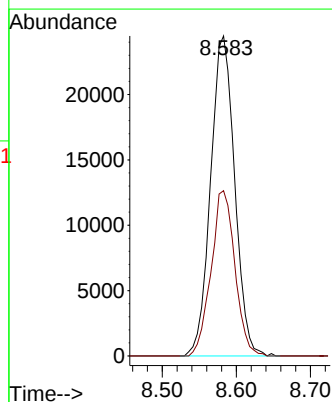
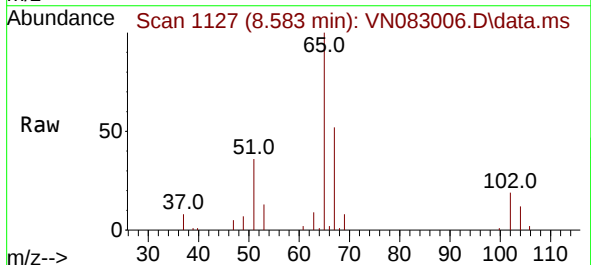


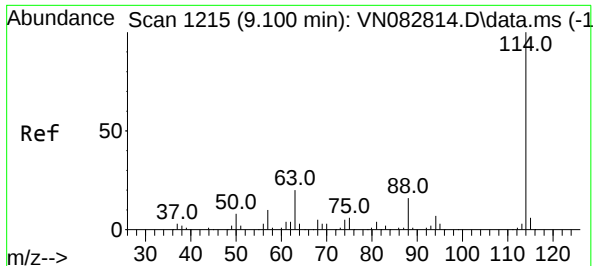
Tgt Ion: 56 Resp: 1824
Ion Ratio Lower Upper
56 100
69 158.1 24.5 36.7#
84 129.7 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 55.947 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083006.D
Acq: 22 Jul 2024 16:00

Tgt Ion: 65 Resp: 55178
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083006.D

Acq: 22 Jul 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :

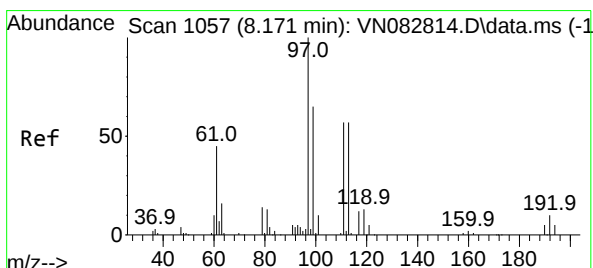
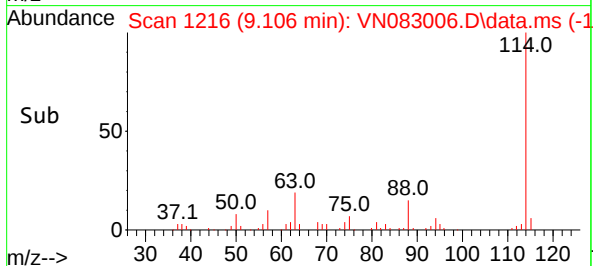
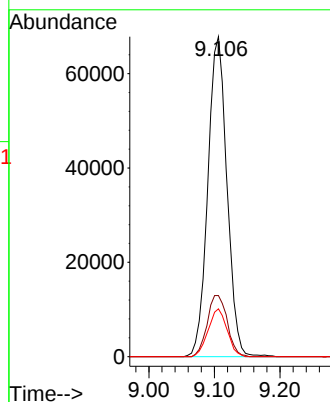
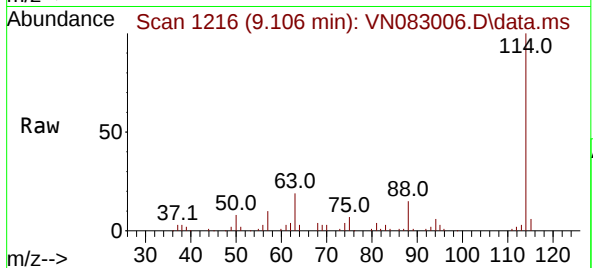
Tgt Ion:114 Resp: 137379

Ion Ratio Lower Upper

114 100

63 19.1 0.0 44.6

88 15.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.520 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083006.D

Acq: 22 Jul 2024 16:00

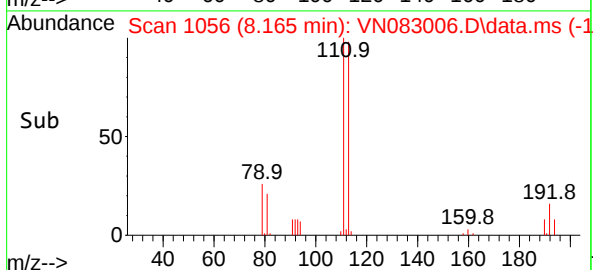
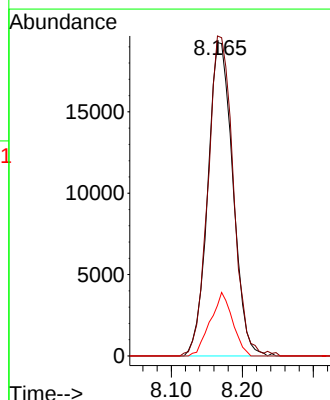
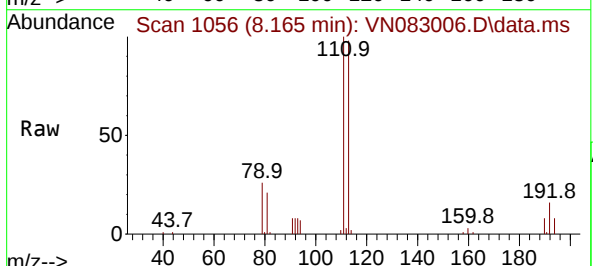
Tgt Ion:113 Resp: 47179

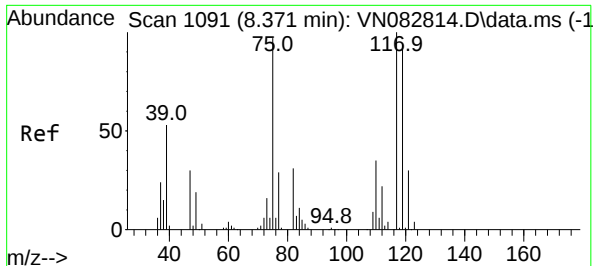
Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

192 18.0 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.263 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083006.D

Acq: 22 Jul 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :

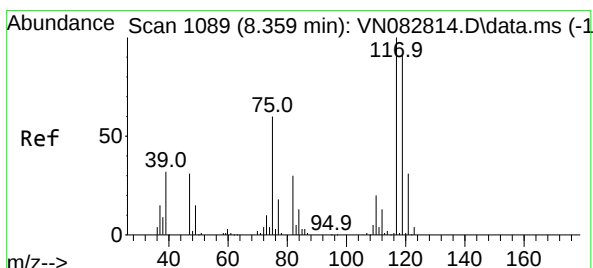
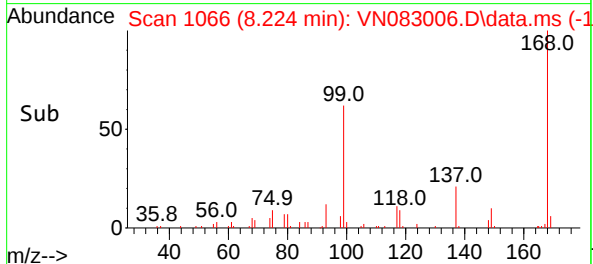
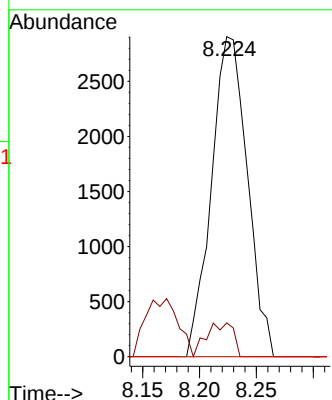
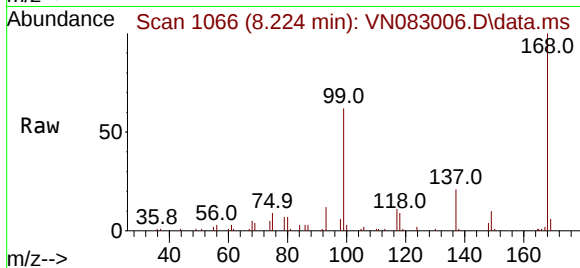
Tgt Ion: 75 Resp: 6397

Ion Ratio Lower Upper

75 100

110 7.9 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.286 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN083006.D

Acq: 22 Jul 2024 16:00

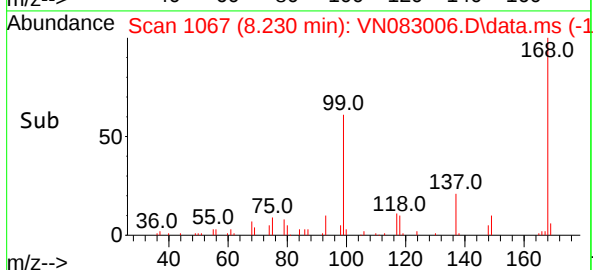
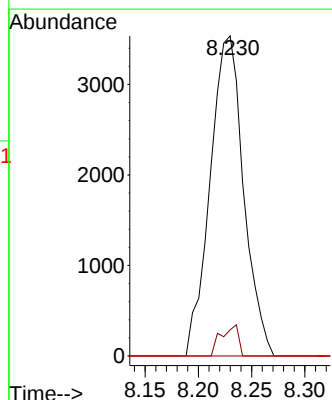
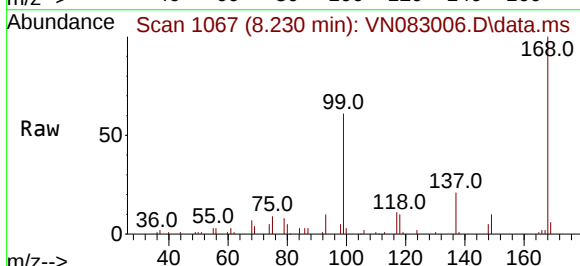
Tgt Ion: 117 Resp: 7735

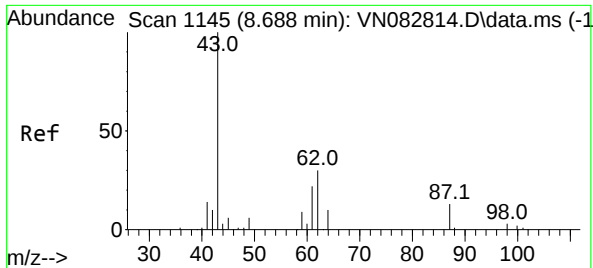
Ion Ratio Lower Upper

117 100

119 8.1 74.9 112.3#

121 0.0 24.3 36.5#

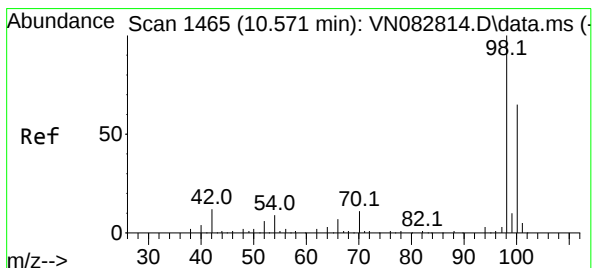
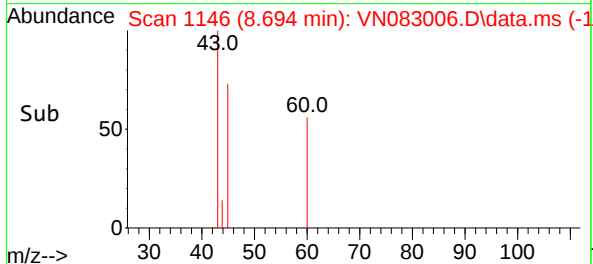
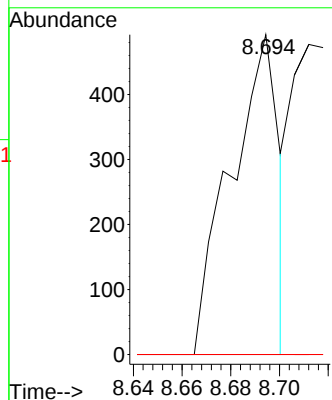
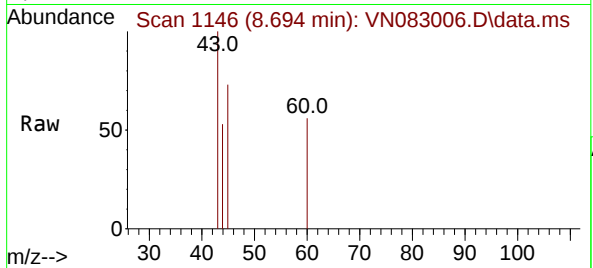




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN083006.D
Acq: 22 Jul 2024 16:00

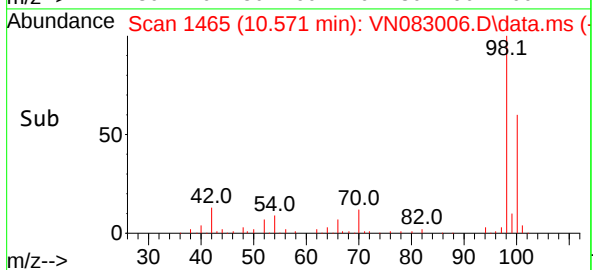
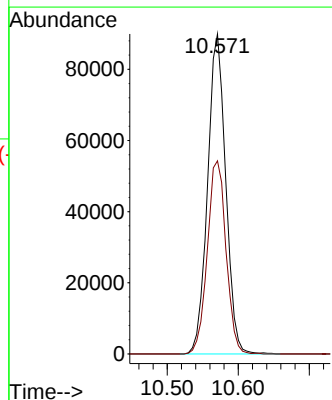
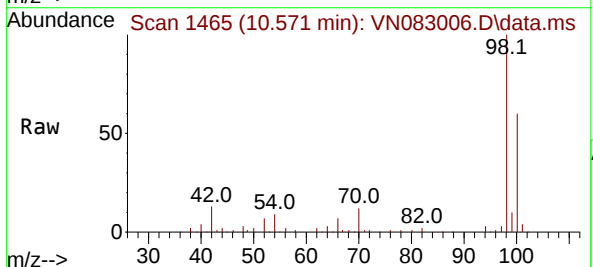
Instrument :
MSVOA_N
ClientSampleId :

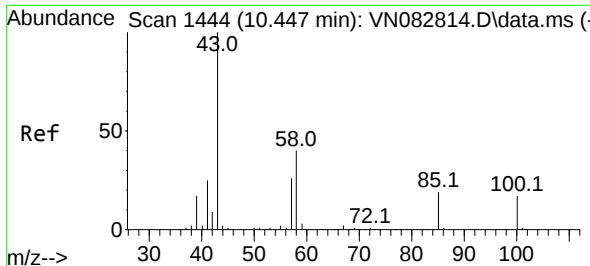
Tgt Ion: 43 Resp: 678
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 48.916 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083006.D
Acq: 22 Jul 2024 16:00

Tgt Ion: 98 Resp: 159267
Ion Ratio Lower Upper
98 100
100 62.4 51.5 77.3

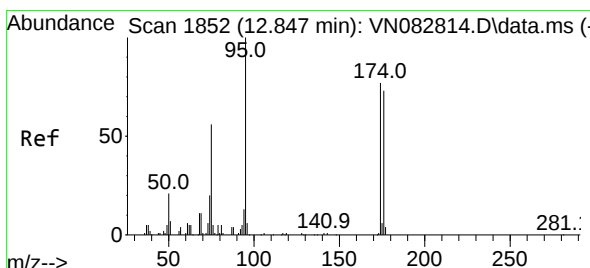
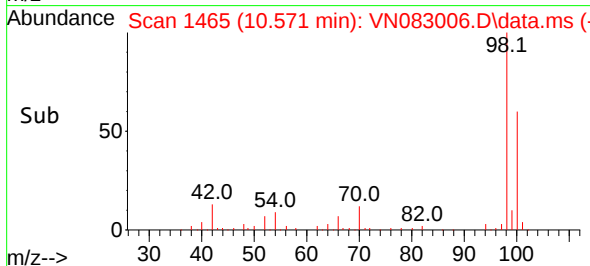
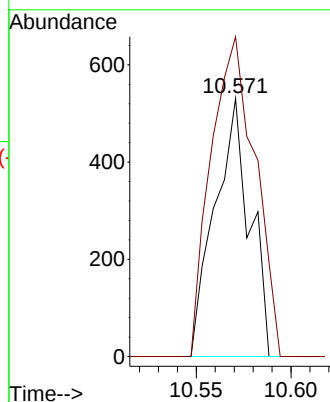
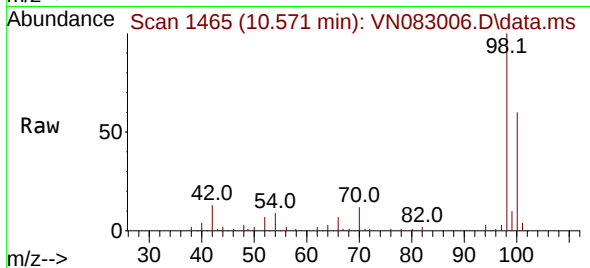




#51
4-Methyl-2-Pentanone
Concen: 0.555 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN083006.D
Acq: 22 Jul 2024 16:00

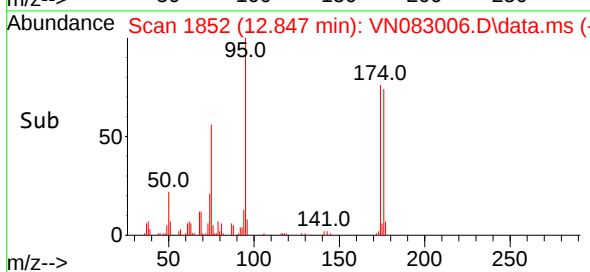
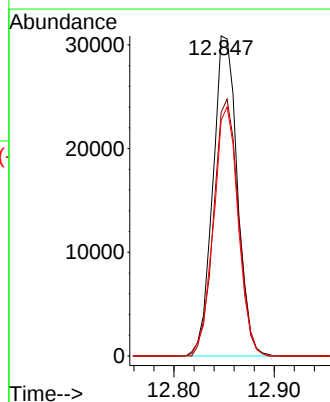
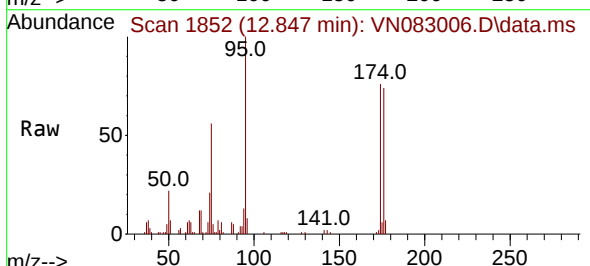
Instrument :
MSVOA_N
ClientSampleId :

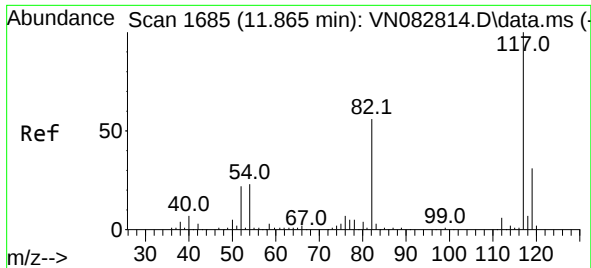
Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
58 156.4 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 44.619 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083006.D
Acq: 22 Jul 2024 16:00

Tgt Ion: 95 Resp: 52184
Ion Ratio Lower Upper
95 100
174 81.0 0.0 159.2
176 78.3 0.0 147.6

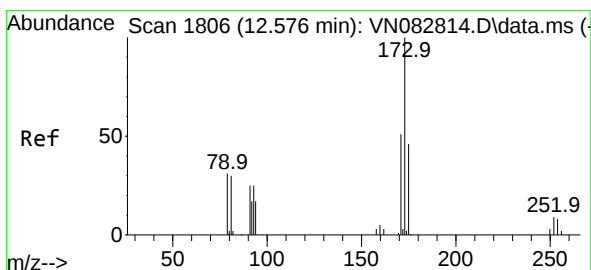
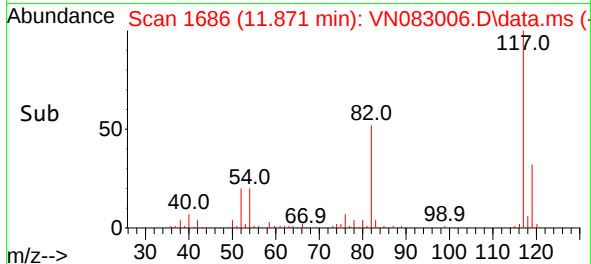
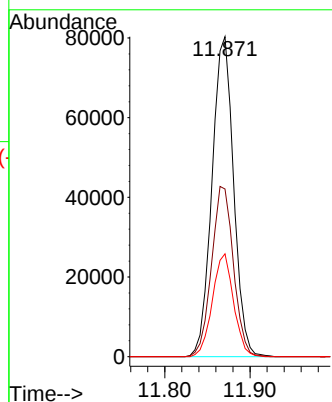
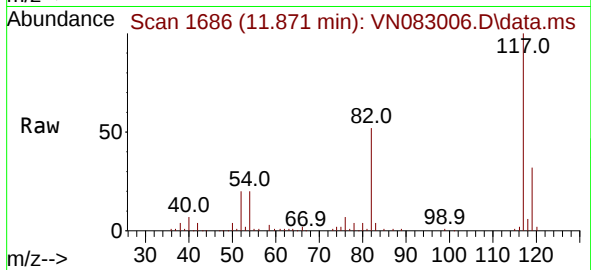




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN083006.D
Acq: 22 Jul 2024 16:00

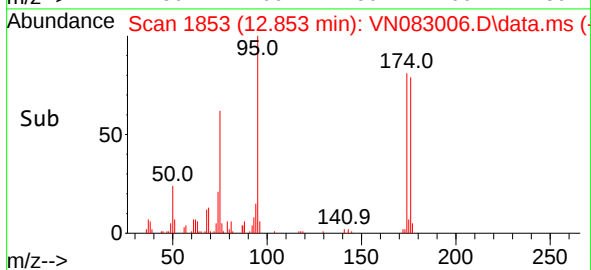
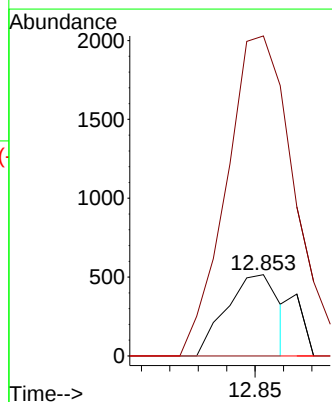
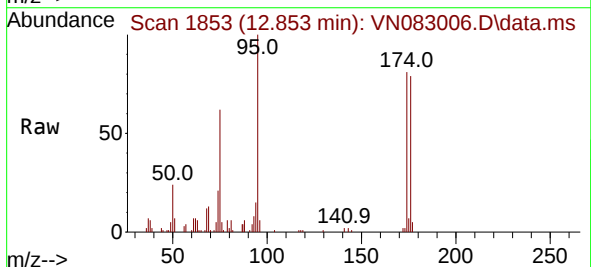
Instrument :
MSVOA_N
ClientSampleId :

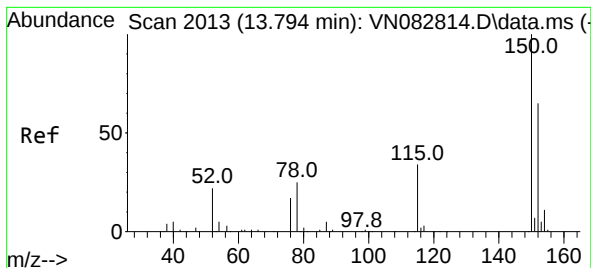
Tgt Ion:117 Resp: 141583
Ion Ratio Lower Upper
117 100
82 52.4 47.5 71.3
119 32.1 25.6 38.4



#71
Bromoform
Concen: 0.776 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN083006.D
Acq: 22 Jul 2024 16:00

Tgt Ion:173 Resp: 659
Ion Ratio Lower Upper
173 100
175 419.0 24.0 72.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN083006.D

Acq: 22 Jul 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :

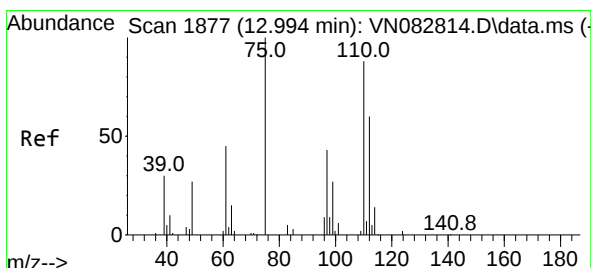
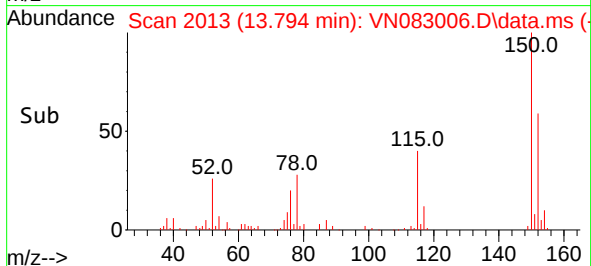
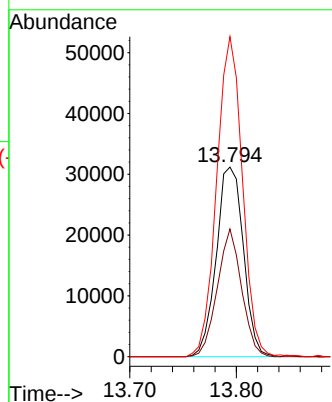
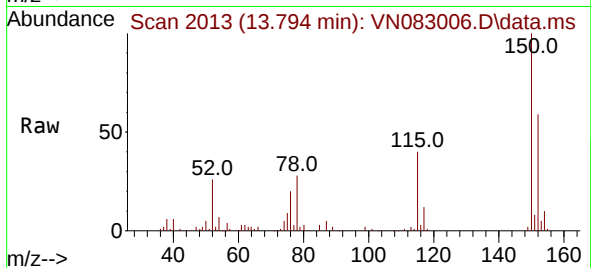
Tgt Ion:152 Resp: 55028

Ion Ratio Lower Upper

152 100

115 60.2 30.6 91.6

150 160.2 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 32.732 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN083006.D

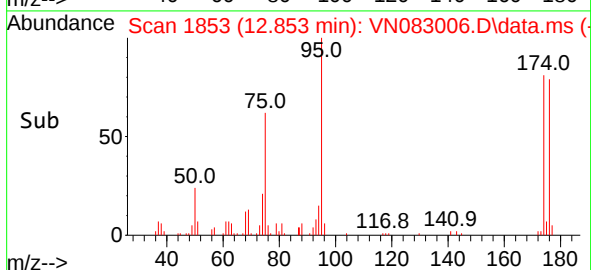
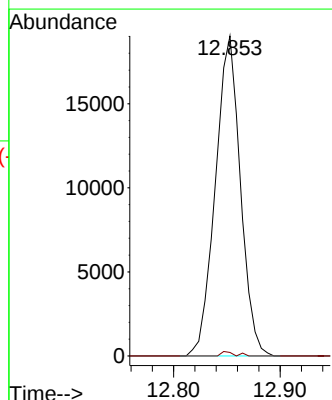
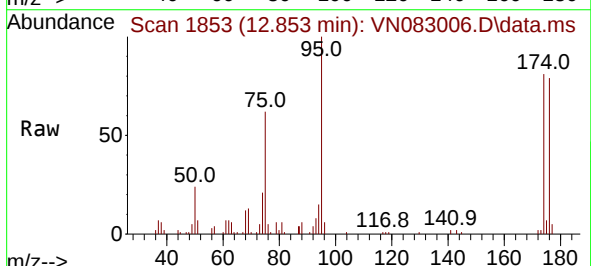
Acq: 22 Jul 2024 16:00

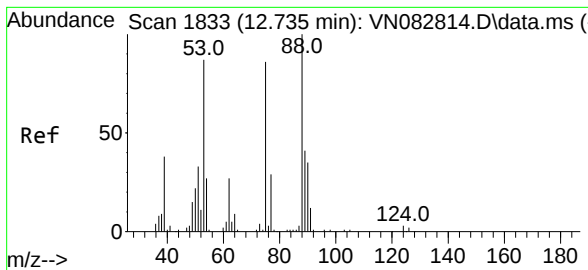
Tgt Ion: 75 Resp: 31053

Ion Ratio Lower Upper

75 100

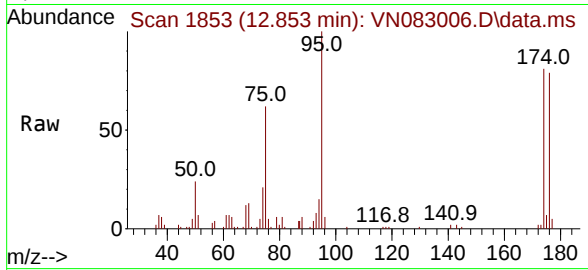
77 0.7 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.374 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083006.D
Acq: 22 Jul 2024 16:00

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 31053
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

