

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083052.D
 Acq On : 26 Jul 2024 15:23
 Operator : JC\MD
 Sample : P3375-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 26 23:07:54 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)

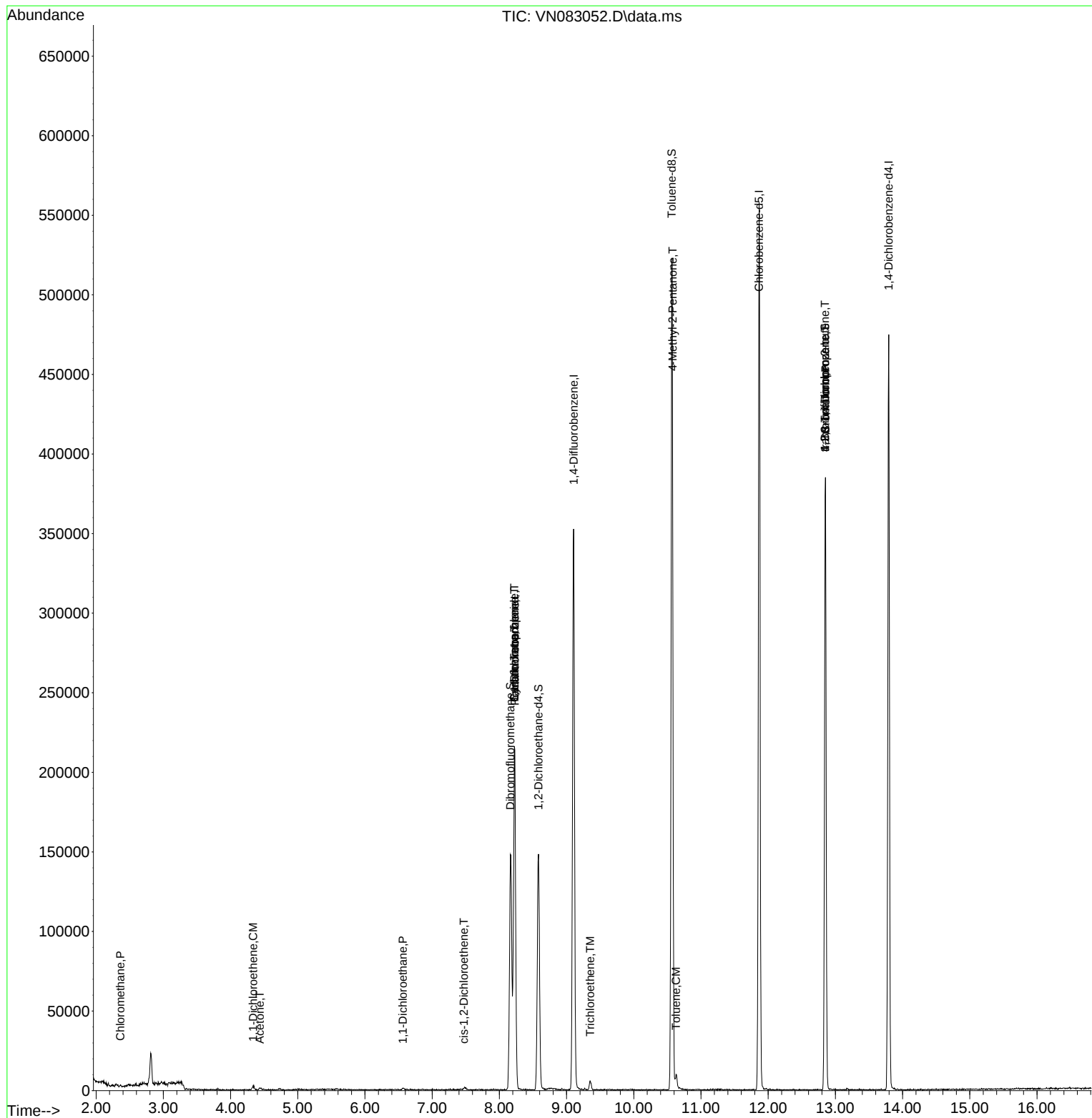
Internal Standards						
1) Pentafluorobenzene	8.230	168	146881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	292001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	124475	60.455	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.900%	
35) Dibromofluoromethane	8.165	113	104134	55.577	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.160%	
50) Toluene-d8	10.565	98	355650	51.391	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.780%	
62) 4-Bromofluorobenzene	12.847	95	117663	47.332	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 94.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1142	0.633	ug/l #	43
12) 1,1-Dichloroethene	4.336	96	679	0.453	ug/l #	56
16) Acetone	4.436	43	2279	3.144	ug/l	91
24) 1,1-Dichloroethane	6.565	63	1879	0.633	ug/l #	83
27) cis-1,2-Dichloroethene	7.471	96	1321	0.695	ug/l #	1
31) Cyclohexane	8.224	56	4068	1.511	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14299	5.535	ug/l #	50
38) Carbon Tetrachloride	8.224	117	16271	5.231	ug/l #	19
43) Isopropyl Acetate	8.706	43	194	Below Cal	#	60
44) Trichloroethene	9.353	130	2444	1.200	ug/l	75
51) 4-Methyl-2-Pentanone	10.576	43	1651	0.633	ug/l #	1
52) Toluene	10.629	92	3524	0.710	ug/l	85
71) Bromoform	12.853	173	1559	0.846	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	66835	31.249	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66835	61.458	ug/l #	6

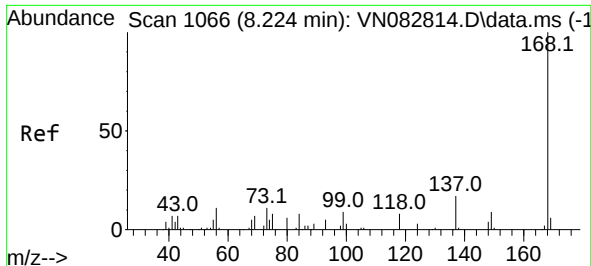
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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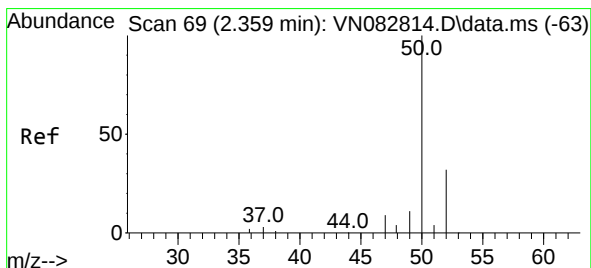
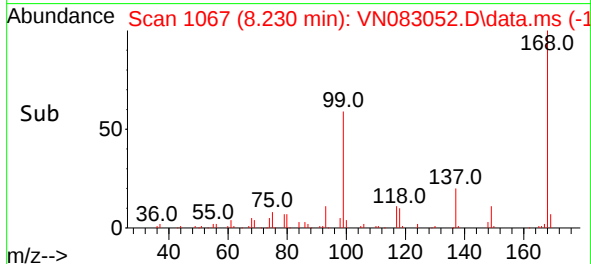
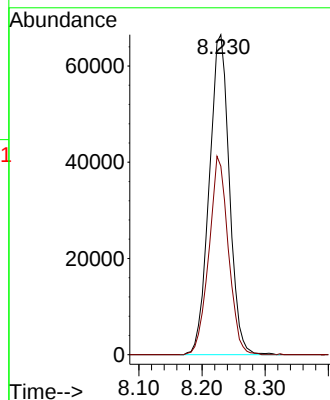
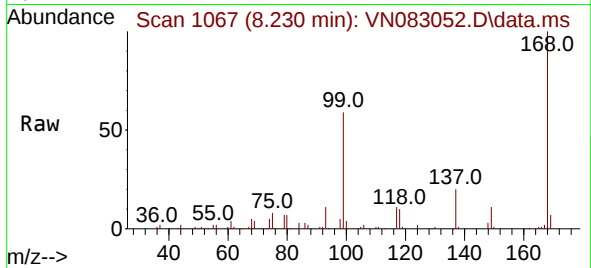




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN083052.D
Acq: 26 Jul 2024 15:23

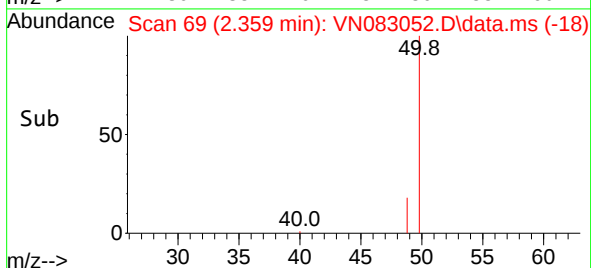
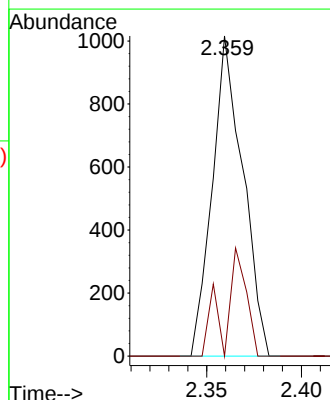
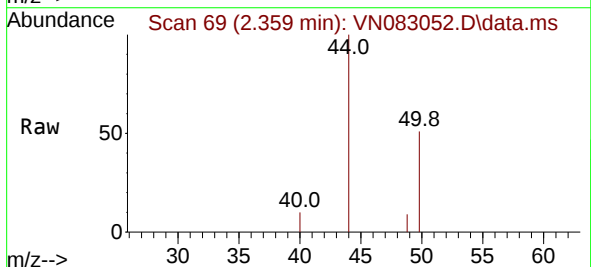
Instrument :
MSVOA_N
ClientSampleId :

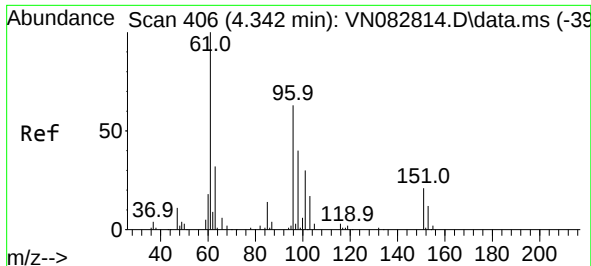
Tgt Ion:168 Resp: 146881
Ion Ratio Lower Upper
168 100
99 58.9 48.2 72.4



#3
Chloromethane
Concen: 0.633 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083052.D
Acq: 26 Jul 2024 15:23

Tgt Ion: 50 Resp: 1142
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#12

1,1-Dichloroethene

Concen: 0.453 ug/l

RT: 4.336 min Scan# 406

Delta R.T. -0.005 min

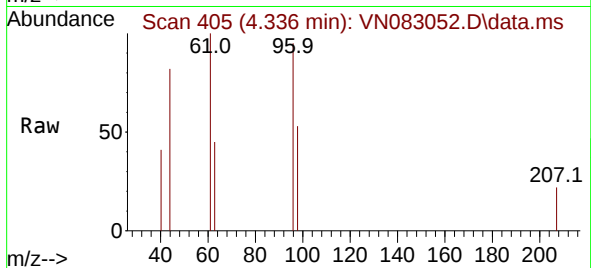
Lab File: VN083052.D

Acq: 26 Jul 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :



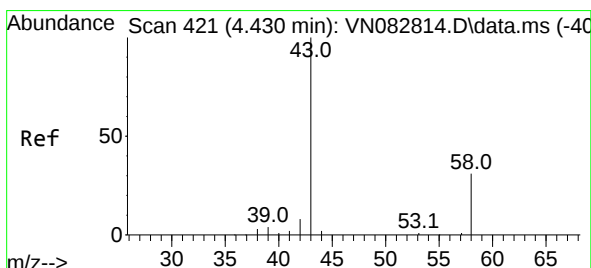
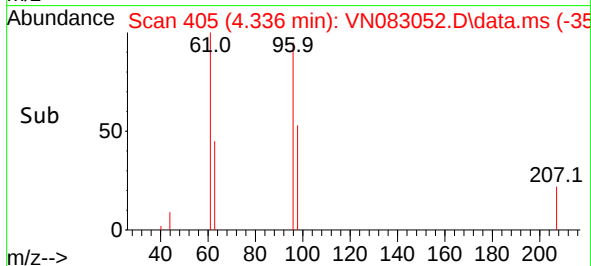
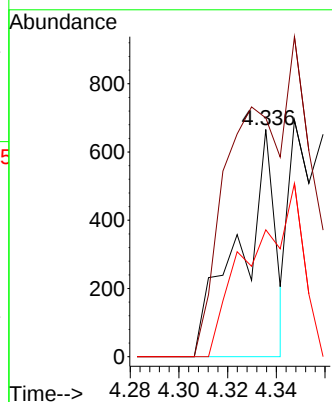
Tgt Ion: 96 Resp: 679

Ion Ratio Lower Upper

96 100

61 105.1 149.7 224.5#

98 55.9 50.1 75.1



#16

Acetone

Concen: 3.144 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.006 min

Lab File: VN083052.D

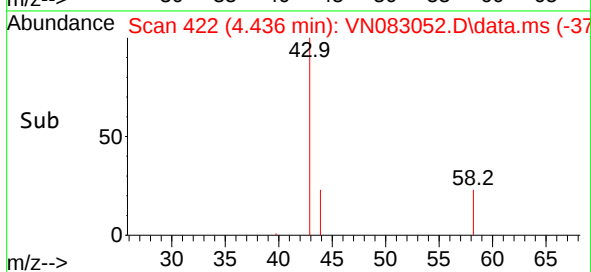
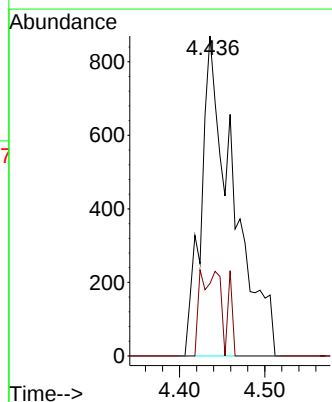
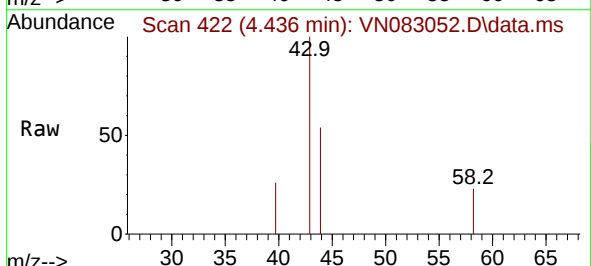
Acq: 26 Jul 2024 15:23

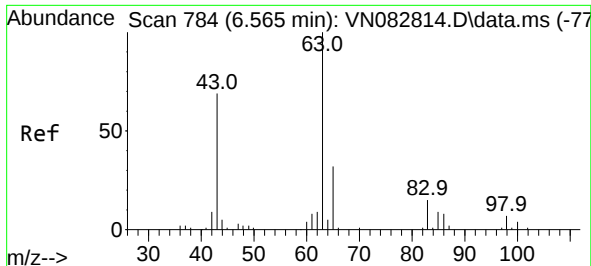
Tgt Ion: 43 Resp: 2279

Ion Ratio Lower Upper

43 100

58 22.6 21.8 32.6

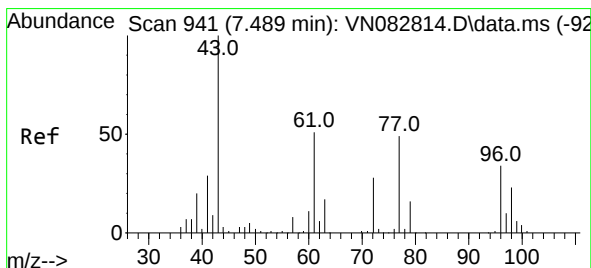
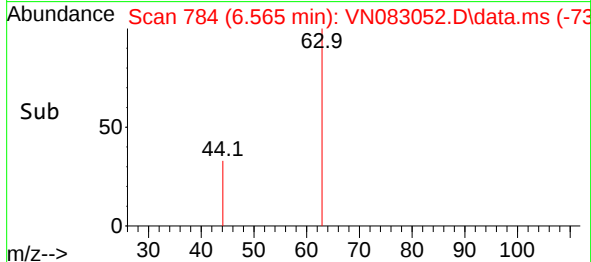
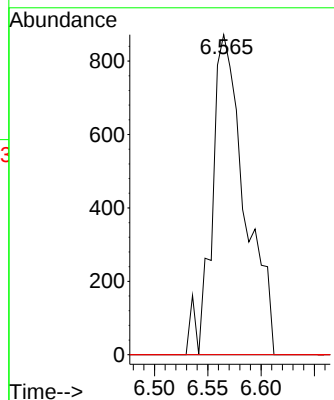
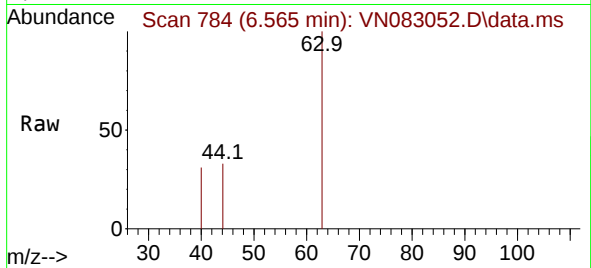




#24
1,1-Dichloroethane
Concen: 0.633 ug/l
RT: 6.565 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN083052.D
Acq: 26 Jul 2024 15:23

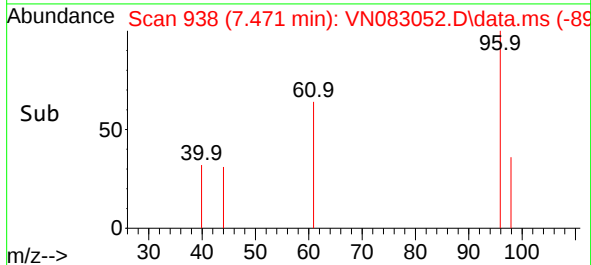
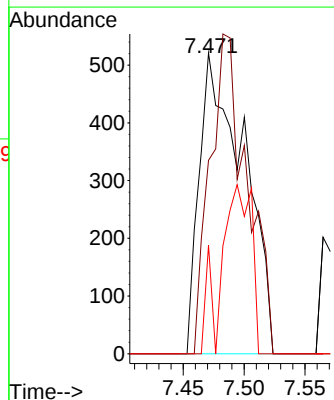
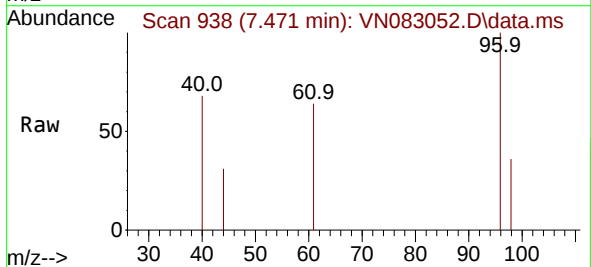
Instrument :
MSVOA_N
ClientSampleId :

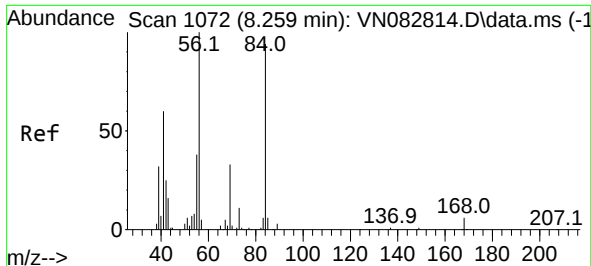
Tgt Ion: 63 Resp: 1879
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.0 6.0#



#27
cis-1,2-Dichloroethene
Concen: 0.695 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.017 min
Lab File: VN083052.D
Acq: 26 Jul 2024 15:23

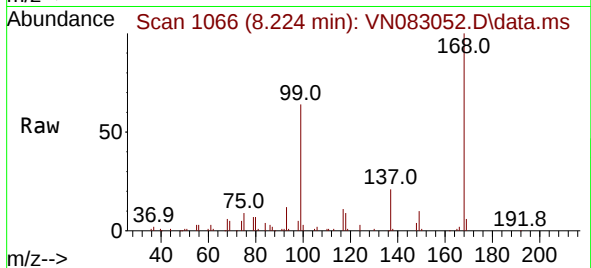
Tgt Ion: 96 Resp: 1321
Ion Ratio Lower Upper
96 100
61 0.0 0.0 329.6
98 0.0 0.0 128.6



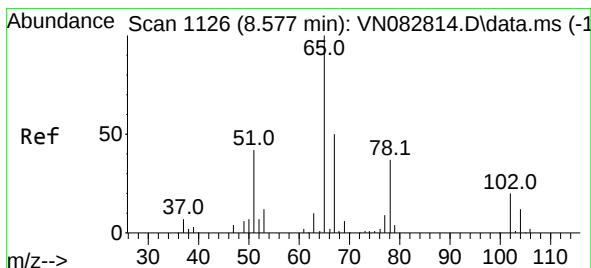
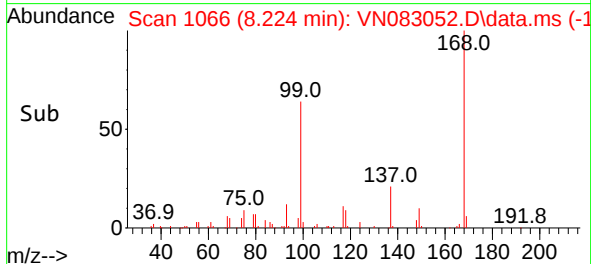
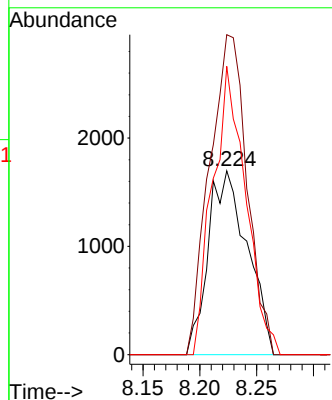


#31
Cyclohexane
Concen: 1.511 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083052.D
Acq: 26 Jul 2024 15:23

Instrument :
MSVOA_N
ClientSampleId :

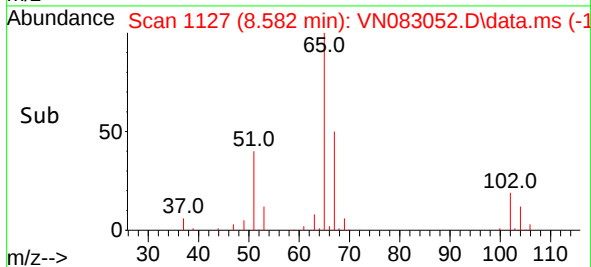
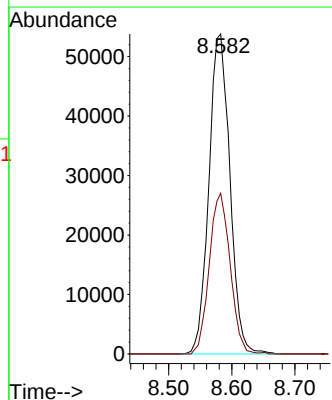
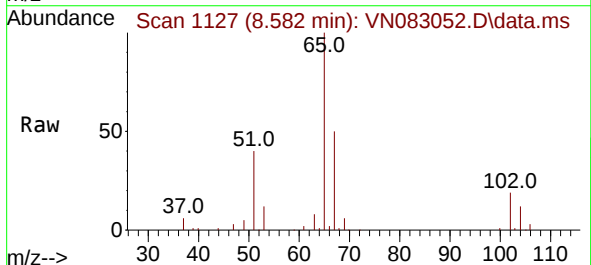


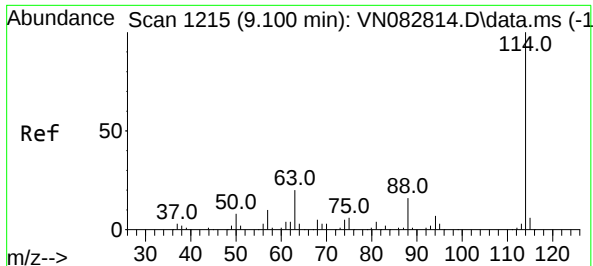
Tgt Ion: 56 Resp: 4068
Ion Ratio Lower Upper
56 100
69 174.0 24.5 36.7#
84 156.8 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 60.455 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083052.D
Acq: 26 Jul 2024 15:23

Tgt Ion: 65 Resp: 124475
Ion Ratio Lower Upper
65 100
67 49.9 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: VN083052.D

Acq: 26 Jul 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

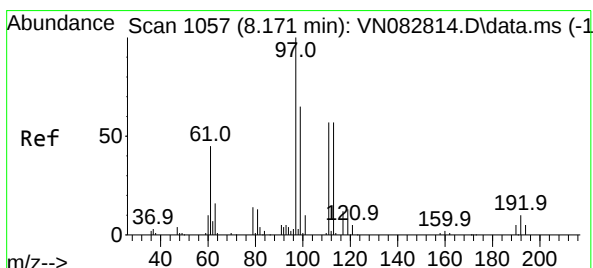
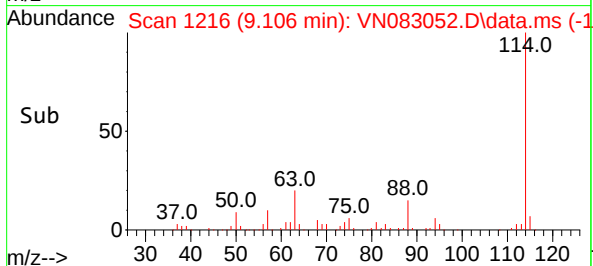
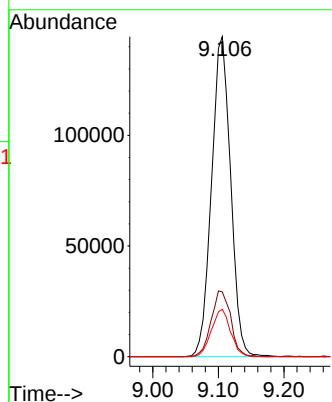
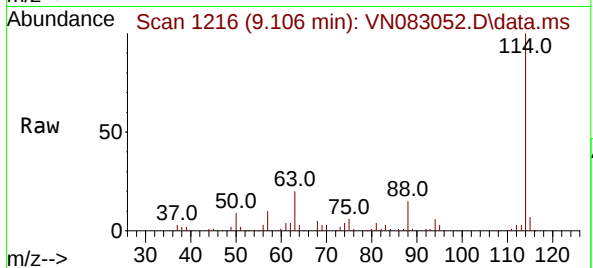
Tgt Ion:114 Resp: 292001

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.6

88 14.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.577 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083052.D

Acq: 26 Jul 2024 15:23

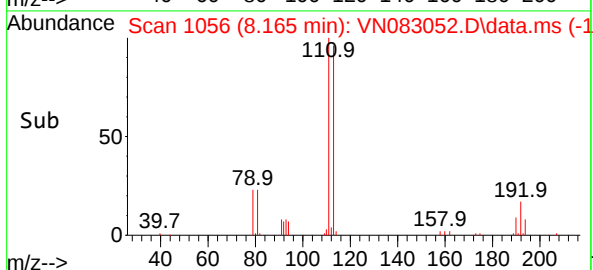
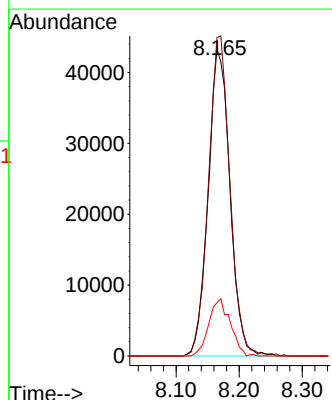
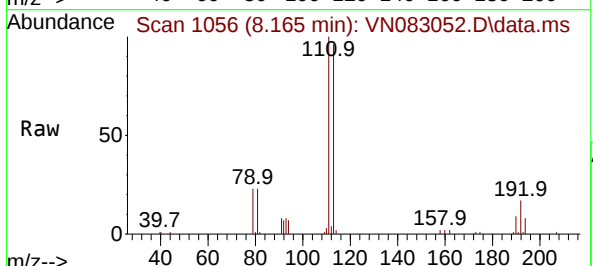
Tgt Ion:113 Resp: 104134

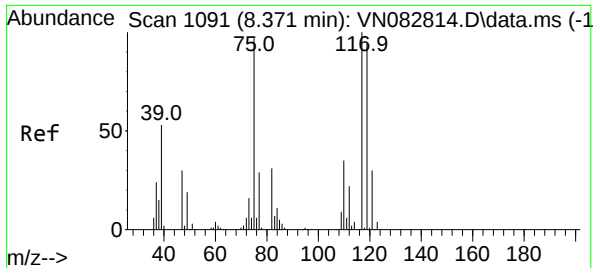
Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 18.3 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.535 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083052.D

Acq: 26 Jul 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

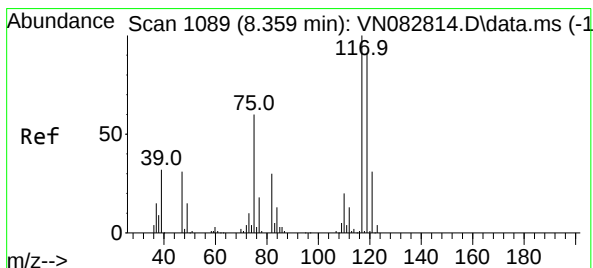
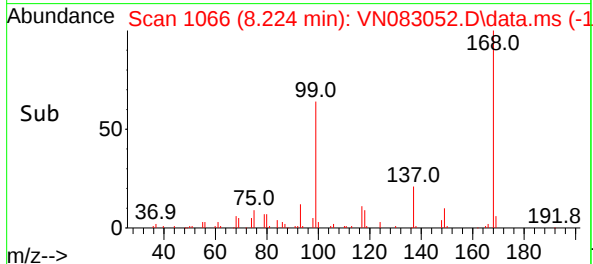
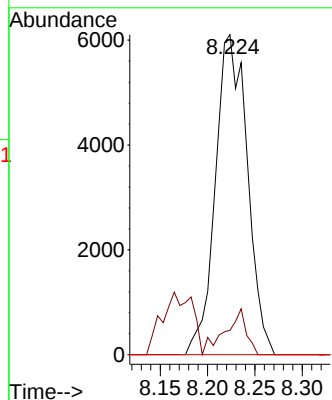
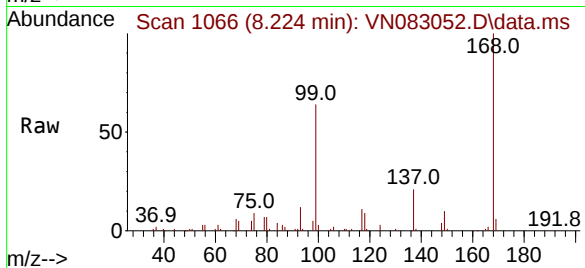
Tgt Ion: 75 Resp: 14299

Ion Ratio Lower Upper

75 100

110 8.3 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.231 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN083052.D

Acq: 26 Jul 2024 15:23

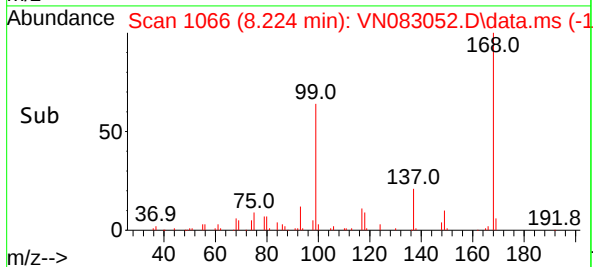
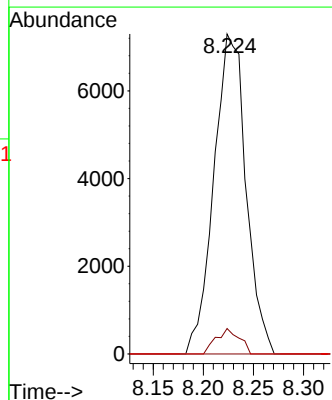
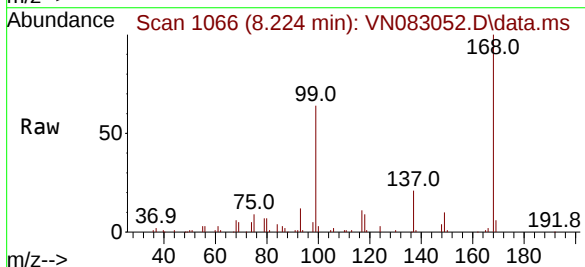
Tgt Ion: 117 Resp: 16271

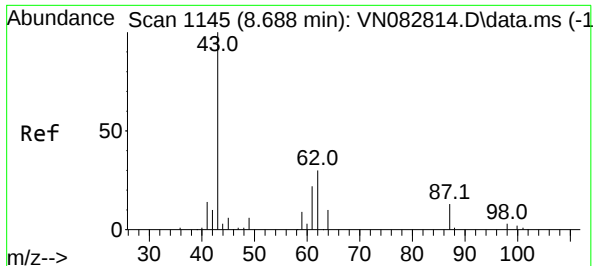
Ion Ratio Lower Upper

117 100

119 7.9 74.9 112.3#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.706 min Scan# 1145

Delta R.T. 0.012 min

Lab File: VN083052.D

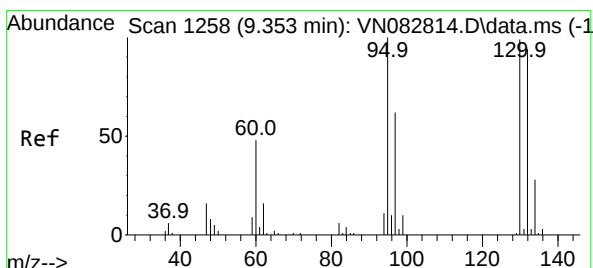
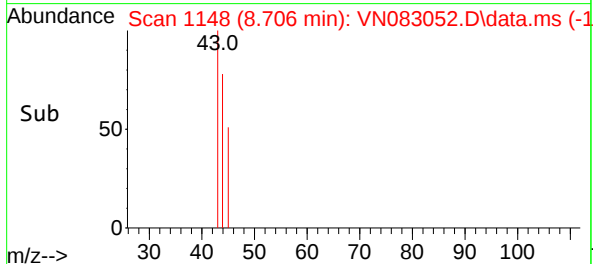
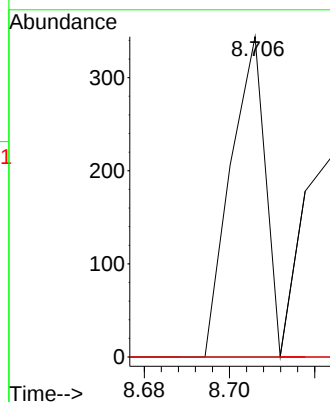
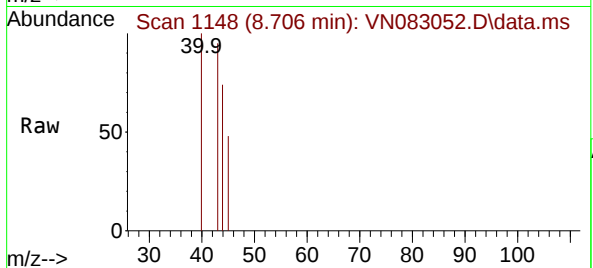
Acq: 26 Jul 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp:	194
Ion Ratio	Lower	Upper
43	100	
61	0.0	17.8
87	0.0	8.2



#44

Trichloroethene

Concen: 1.200 ug/l

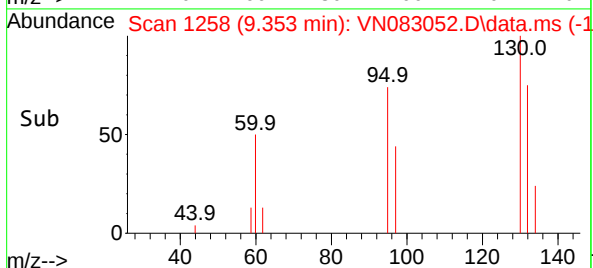
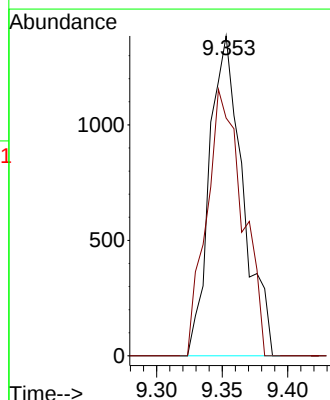
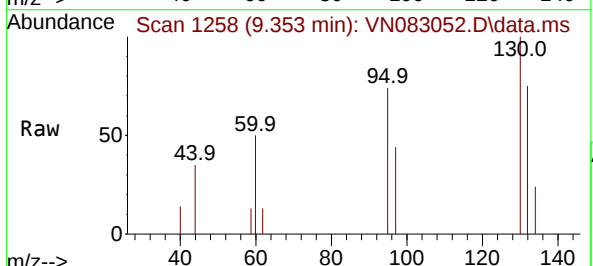
RT: 9.353 min Scan# 1258

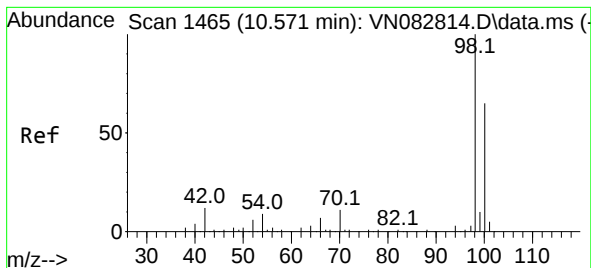
Delta R.T. 0.000 min

Lab File: VN083052.D

Acq: 26 Jul 2024 15:23

Tgt Ion: 130	Resp:	2444
Ion Ratio	Lower	Upper
130	100	
95	74.4	0.0

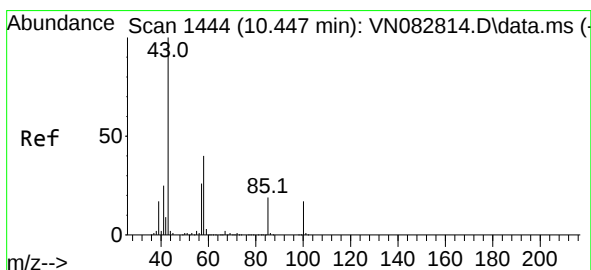
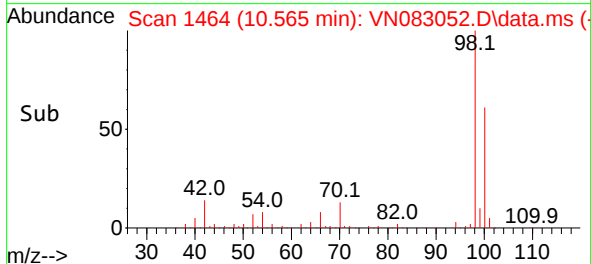
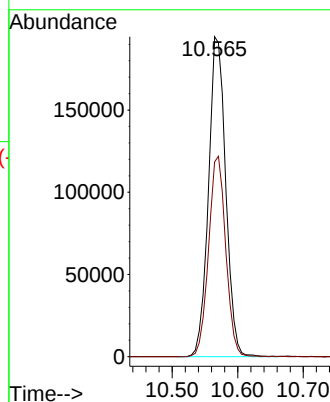
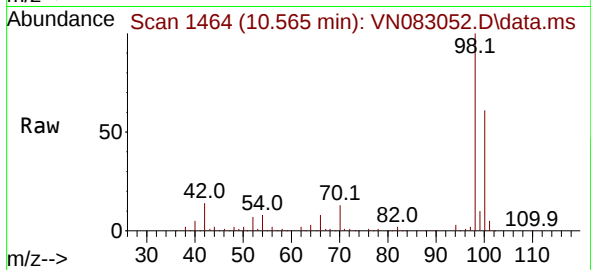




#50
Toluene-d8
Concen: 51.391 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.005 min
Lab File: VN083052.D
Acq: 26 Jul 2024 15:23

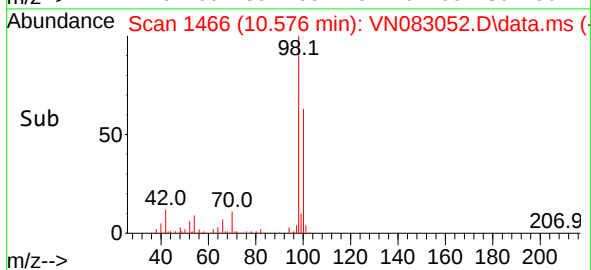
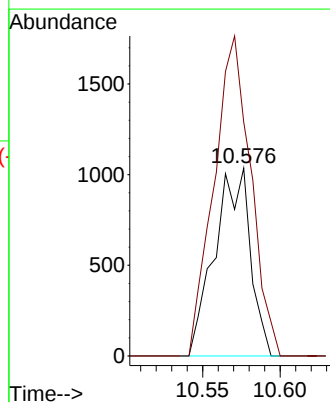
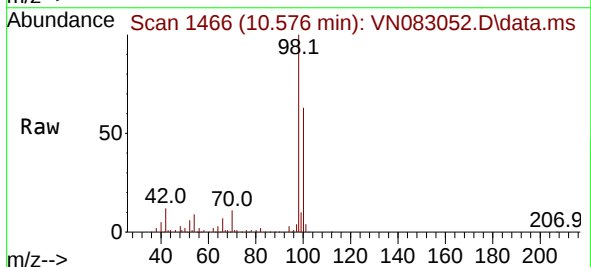
Instrument :
MSVOA_N
ClientSampleId :

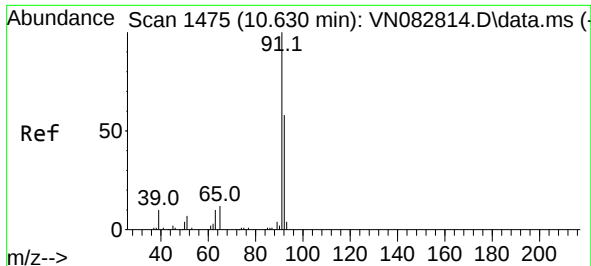
Tgt Ion: 98 Resp: 355650
Ion Ratio Lower Upper
98 100
100 62.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.633 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.129 min
Lab File: VN083052.D
Acq: 26 Jul 2024 15:23

Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
58 176.3 28.2 42.4#

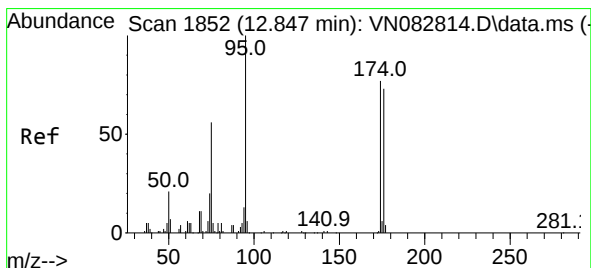
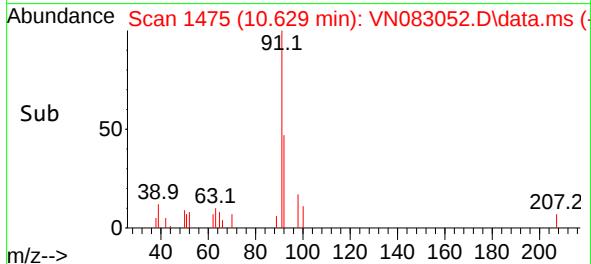
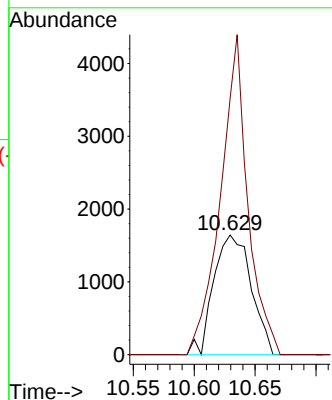
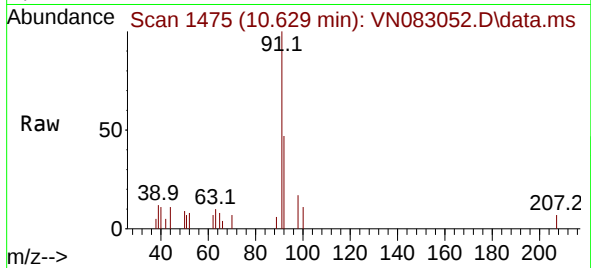




#52
Toluene
Concen: 0.710 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083052.D
Acq: 26 Jul 2024 15:23

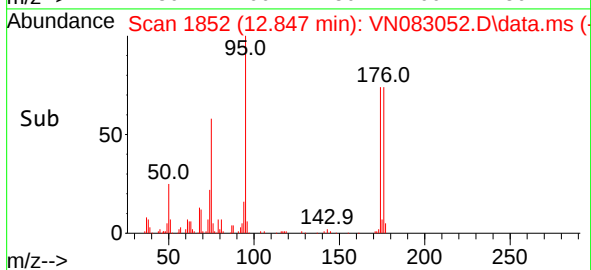
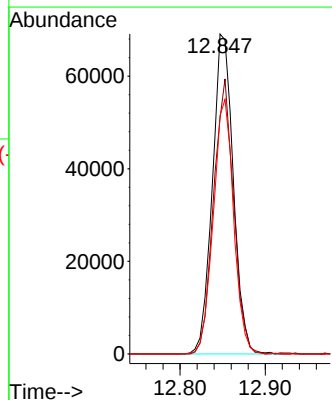
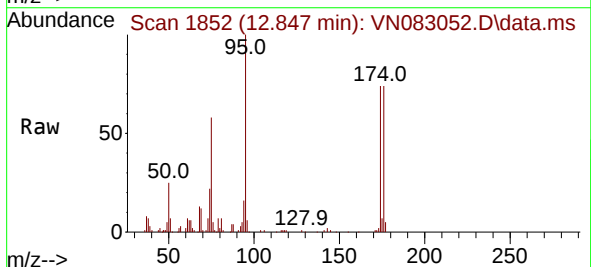
Instrument :
MSVOA_N
ClientSampleId :

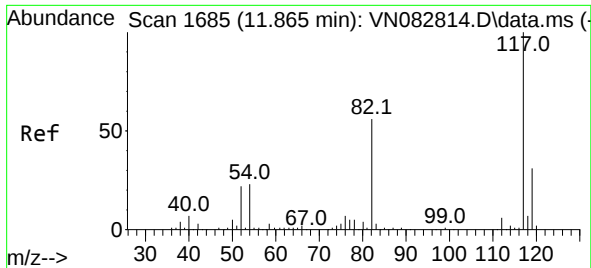
Tgt Ion: 92 Resp: 3524
Ion Ratio Lower Upper
92 100
91 195.3 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 47.332 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083052.D
Acq: 26 Jul 2024 15:23

Tgt Ion: 95 Resp: 117663
Ion Ratio Lower Upper
95 100
174 82.8 0.0 159.2
176 77.5 0.0 147.6

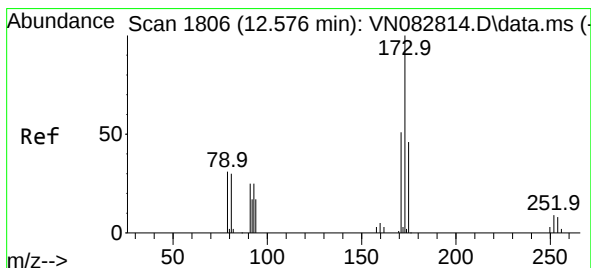
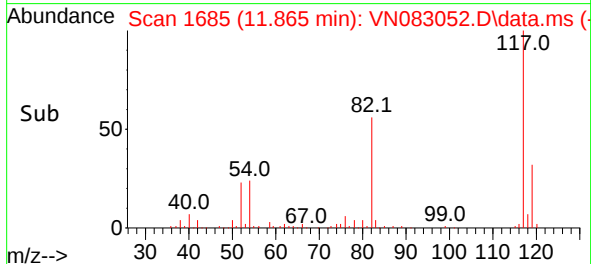
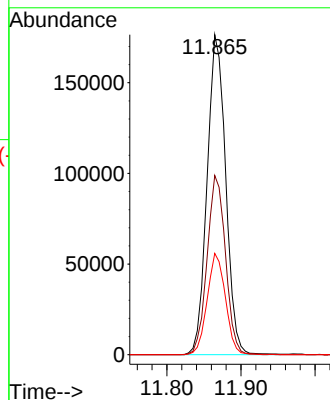
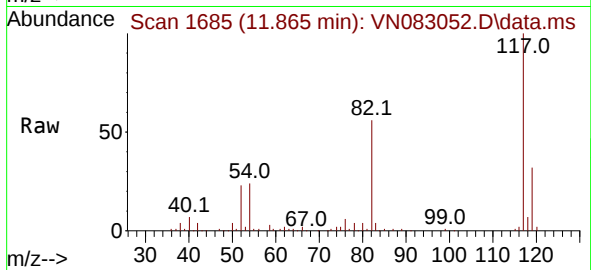




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN083052.D
Acq: 26 Jul 2024 15:23

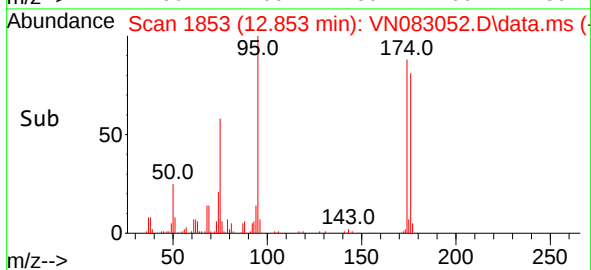
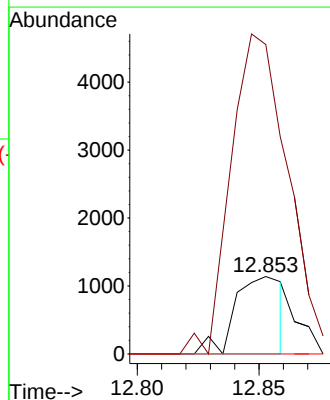
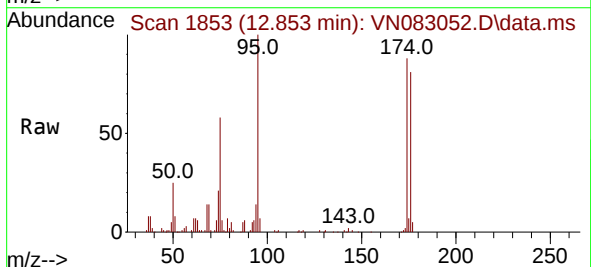
Instrument :
MSVOA_N
ClientSampleId :

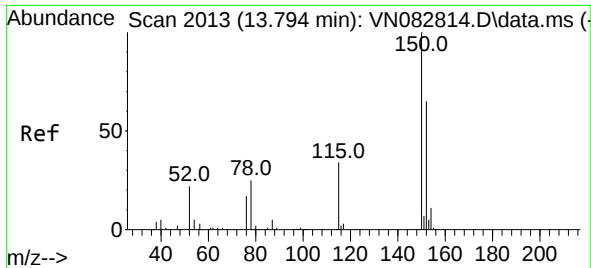
Tgt Ion:117 Resp: 307490
Ion Ratio Lower Upper
117 100
82 56.0 47.5 71.3
119 31.6 25.6 38.4



#71
Bromoform
Concen: 0.846 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN083052.D
Acq: 26 Jul 2024 15:23

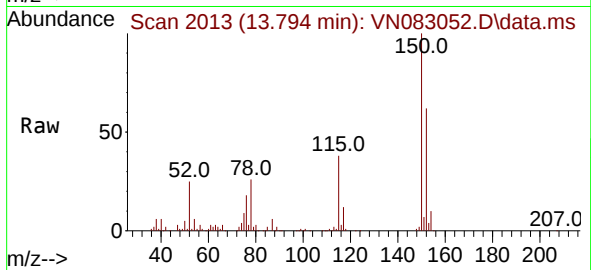
Tgt Ion:173 Resp: 1559
Ion Ratio Lower Upper
173 100
175 411.0 24.0 72.0#
254 0.0 0.0 0.0



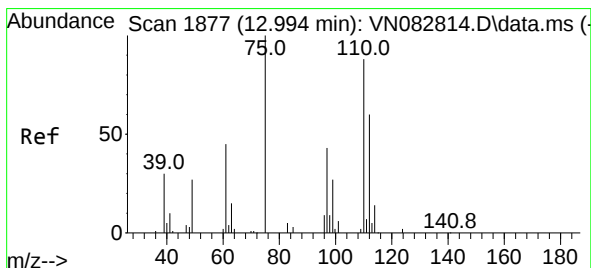
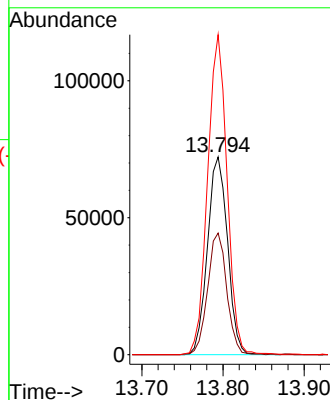
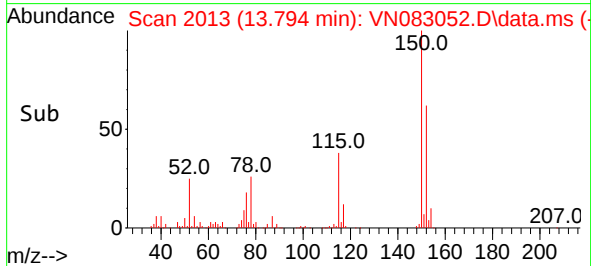


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN083052.D
 Acq: 26 Jul 2024 15:23

Instrument :
 MSVOA_N
 ClientSampleId :

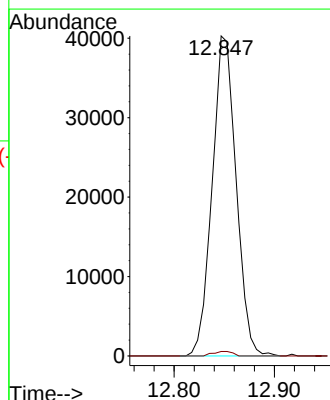
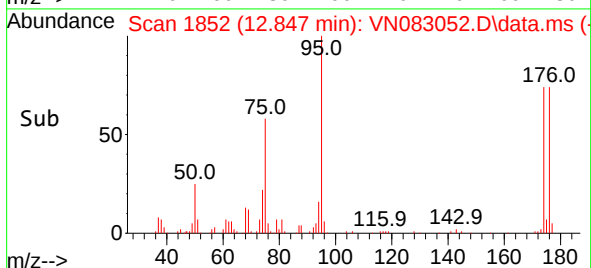
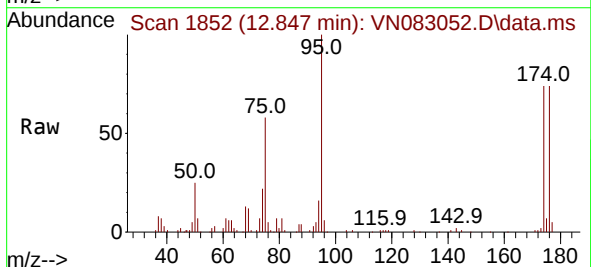


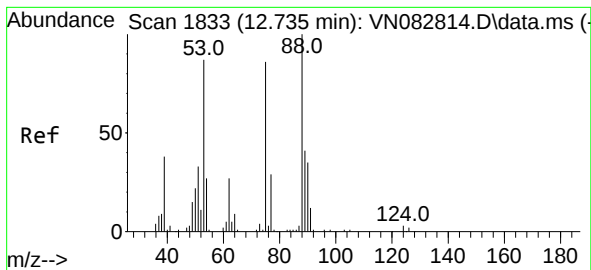
Tgt Ion:152 Resp: 124055
 Ion Ratio Lower Upper
 152 100
 115 58.7 30.6 91.6
 150 156.7 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 31.249 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083052.D
 Acq: 26 Jul 2024 15:23

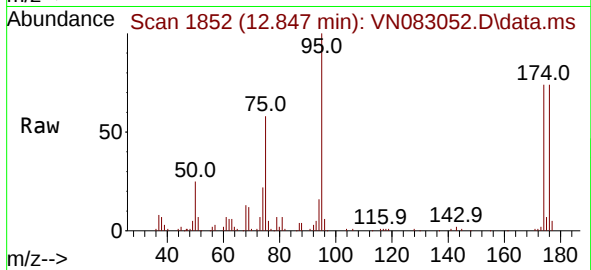
Tgt Ion: 75 Resp: 66835
 Ion Ratio Lower Upper
 75 100
 77 1.2 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 61.458 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN083052.D
Acq: 26 Jul 2024 15:23

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 66835
Ion Ratio Lower Upper
75 100
53 0.2 88.4 132.6#
89 0.0 36.3 54.5#

