

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082984.D
 Acq On : 19 Jul 2024 13:21
 Operator : JC\MD
 Sample : P3306-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 22 02:04:39 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)

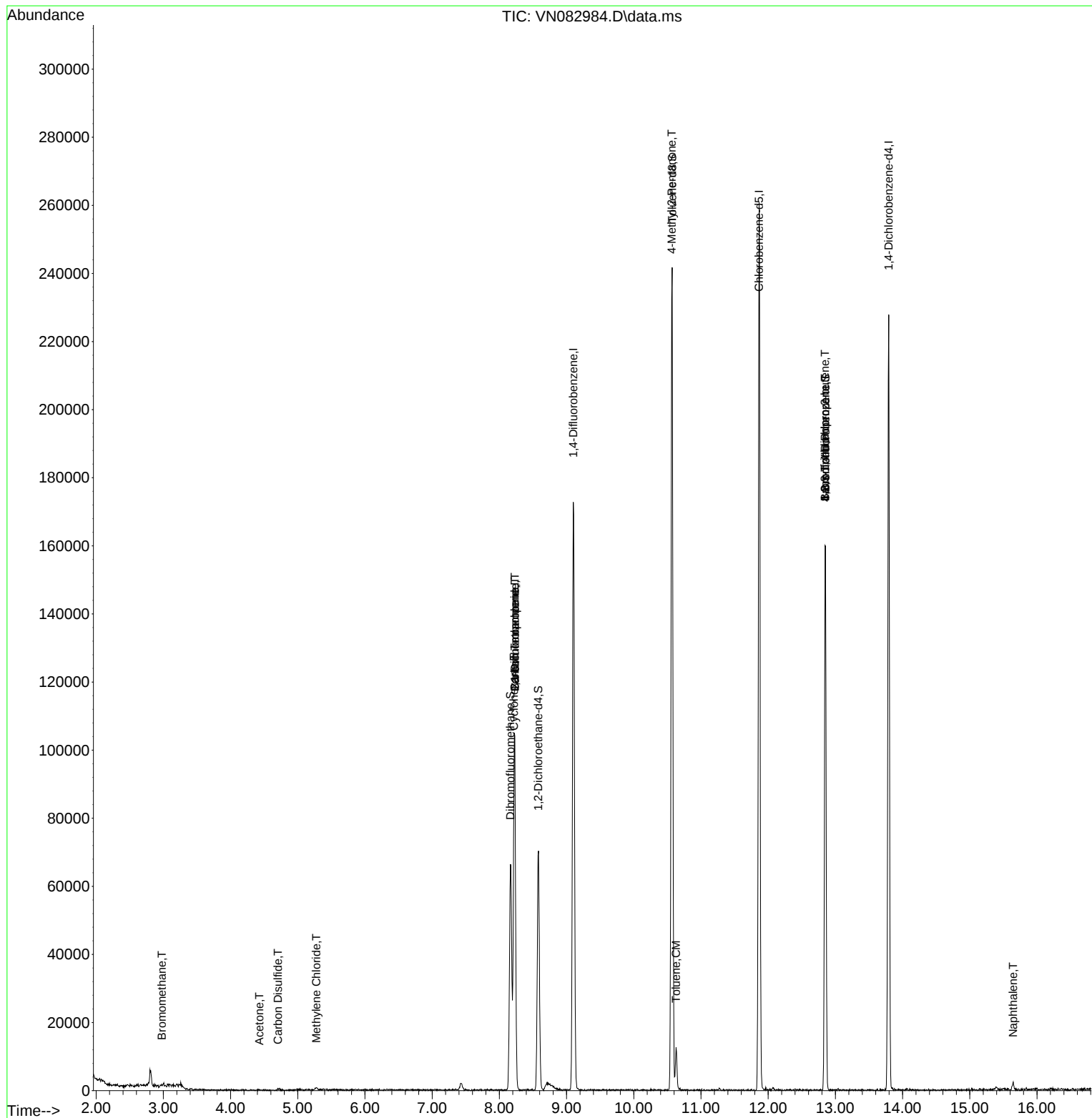
Internal Standards						
1) Pentafluorobenzene	8.230	168	74310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	146568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	143228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	58340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	57458	55.159	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.320%
35) Dibromofluoromethane	8.165	113	46293	49.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.440%
50) Toluene-d8	10.571	98	165731	47.711	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.420%
62) 4-Bromofluorobenzene	12.853	95	51169	41.008	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	82.020%
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	275	0.398	ug/l	99
16) Acetone	4.430	43	124	0.338	ug/l #	48
17) Carbon Disulfide	4.706	76	755	0.333	ug/l #	75
20) Methylene Chloride	5.277	84	412	0.465	ug/l #	30
31) Cyclohexane	8.218	56	1998	1.467	ug/l #	18
36) 1,1-Dichloropropene	8.230	75	6375	4.916	ug/l #	49
38) Carbon Tetrachloride	8.230	117	8250	5.284	ug/l #	20
43) Isopropyl Acetate	8.712	43	1771	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	643	0.491	ug/l #	1
52) Toluene	10.629	92	5224	2.097	ug/l	97
71) Bromoform	12.847	173	399	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	29059	28.891	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	29059	56.820	ug/l #	6
95) Naphthalene	15.647	128	2707	0.765	ug/l #	88

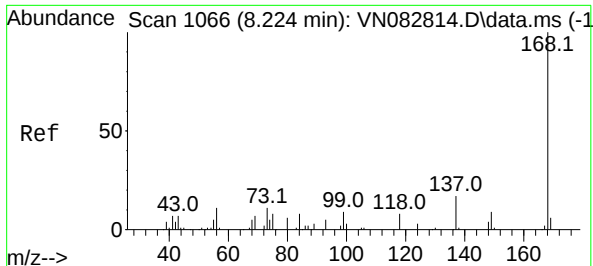
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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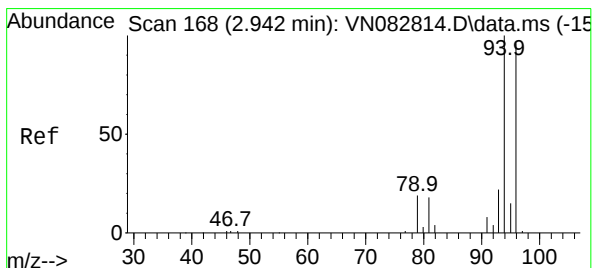
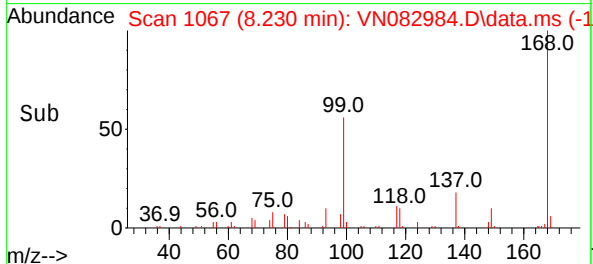
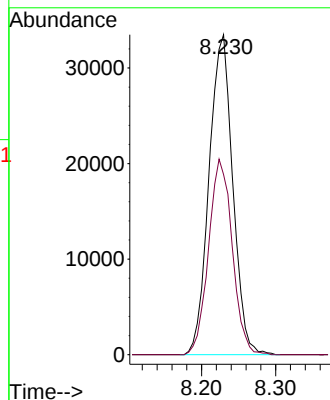
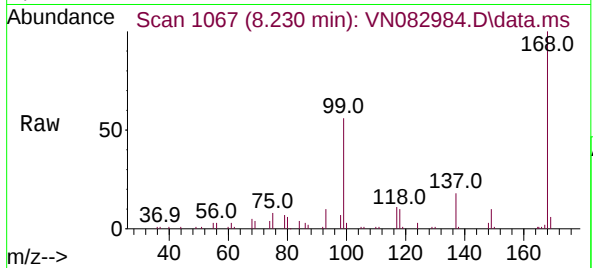




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

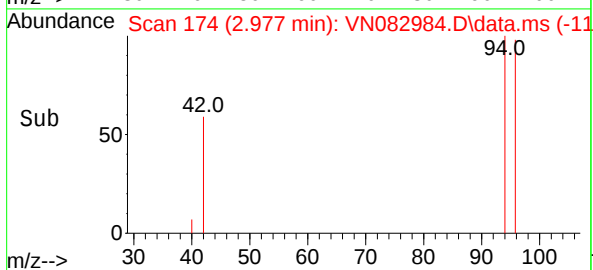
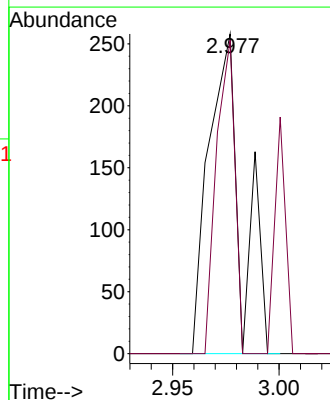
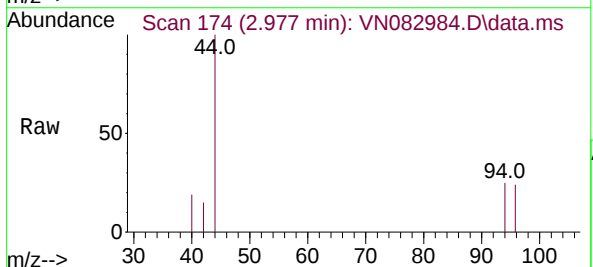
Instrument :
MSVOA_N
ClientSampleId :

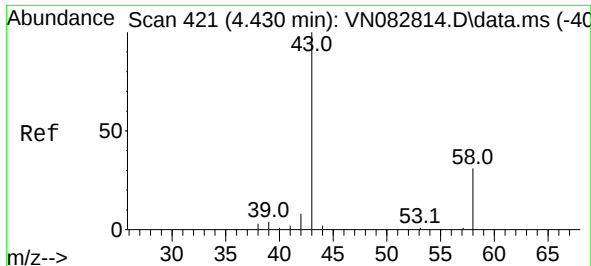
Tgt Ion:168 Resp: 74310
Ion Ratio Lower Upper
168 100
99 56.3 48.2 72.4



#5
Bromomethane
Concen: 0.398 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.030 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

Tgt Ion: 94 Resp: 275
Ion Ratio Lower Upper
94 100
96 98.1 78.0 117.0

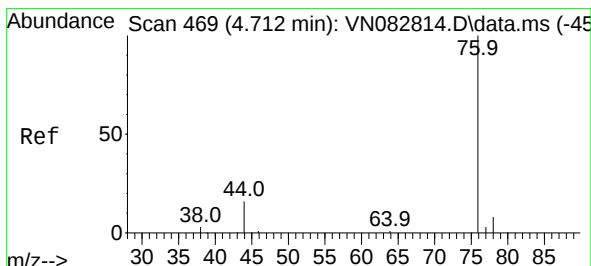
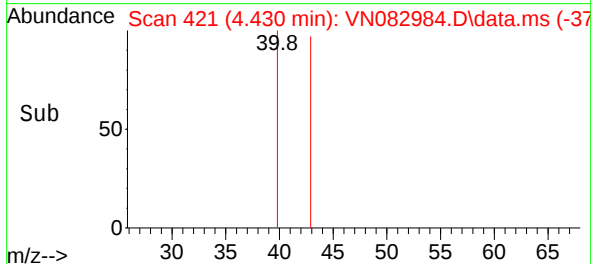
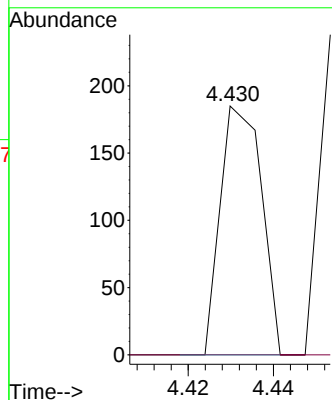
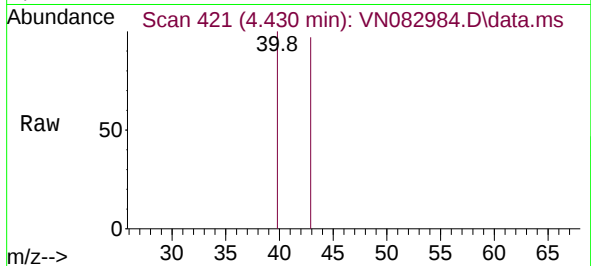




#16
Acetone
Concen: 0.338 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

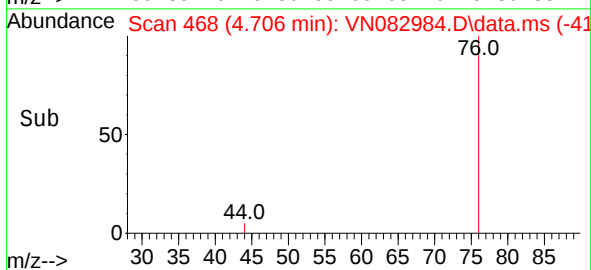
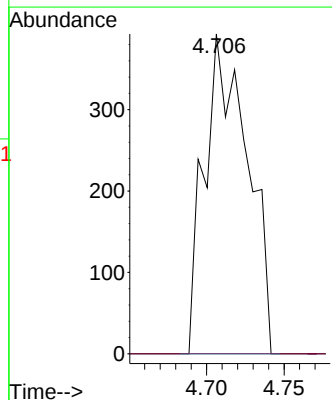
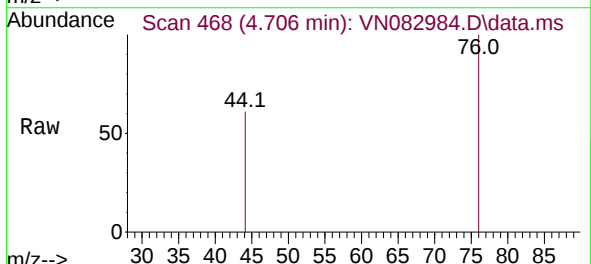
Instrument :
MSVOA_N
ClientSampleId :

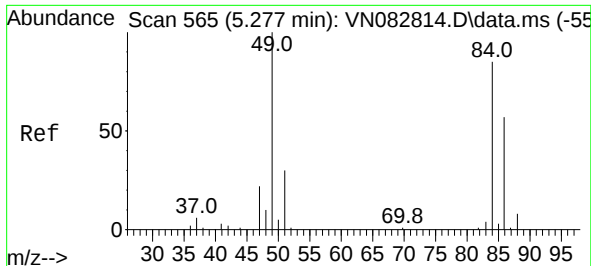
Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.333 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

Tgt Ion: 76 Resp: 755
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.465 ug/l

RT: 5.277 min Scan# 5

Delta R.T. -0.000 min

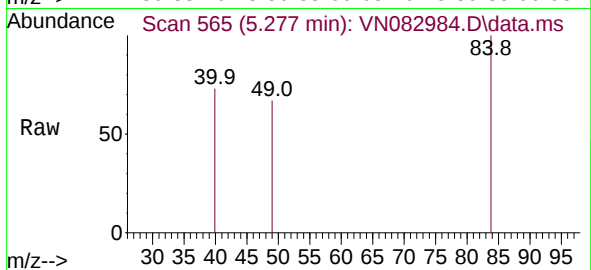
Lab File: VN082984.D

Acq: 19 Jul 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 412

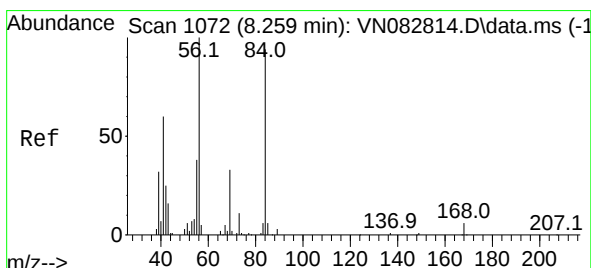
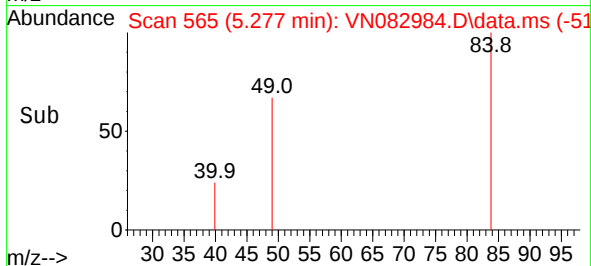
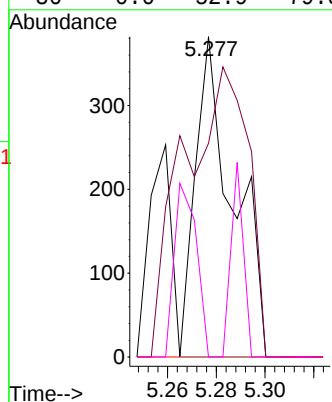
Ion Ratio Lower Upper

84 100

49 66.8 119.6 179.4#

51 0.0 34.8 52.2#

86 0.0 52.9 79.3#



#31

Cyclohexane

Concen: 1.467 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

Lab File: VN082984.D

Acq: 19 Jul 2024 13:21

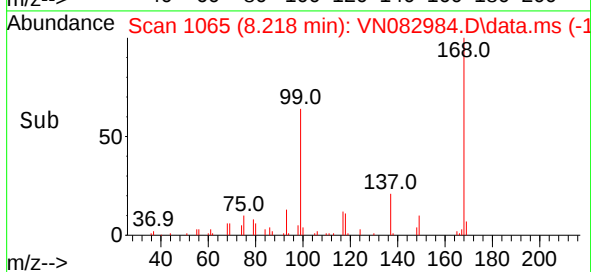
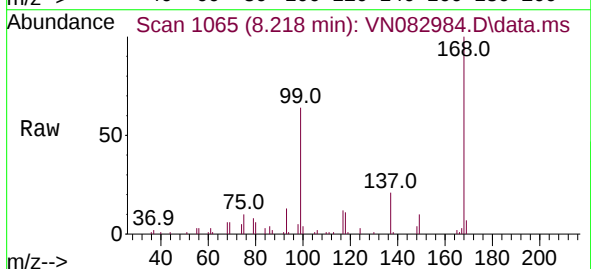
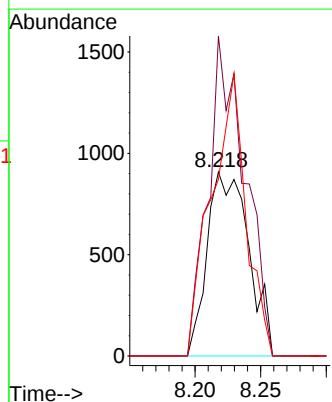
Tgt Ion: 56 Resp: 1998

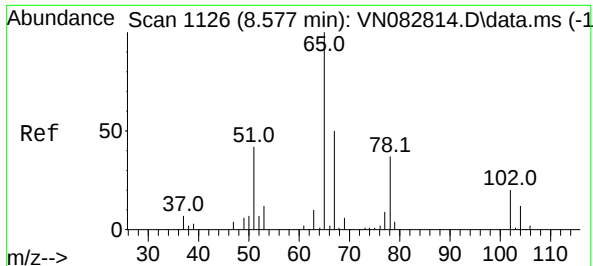
Ion Ratio Lower Upper

56 100

69 173.9 24.5 36.7#

84 96.0 66.0 99.0

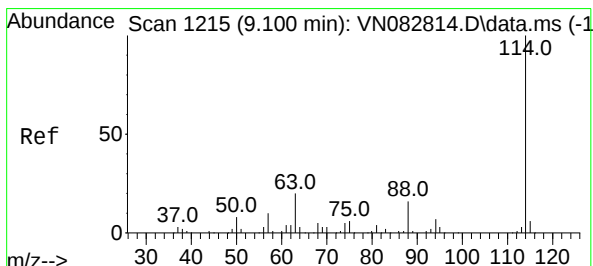
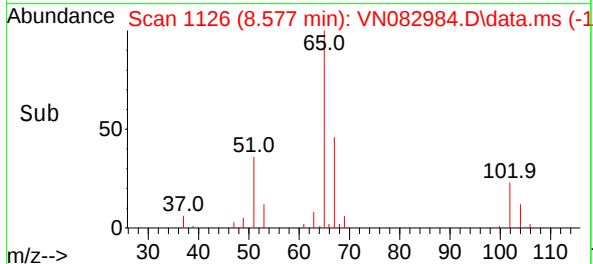
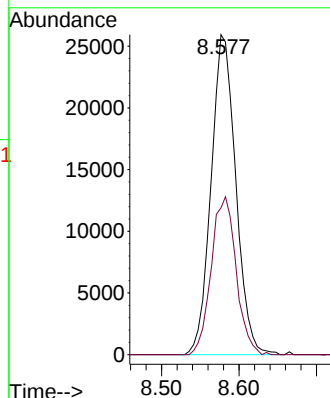
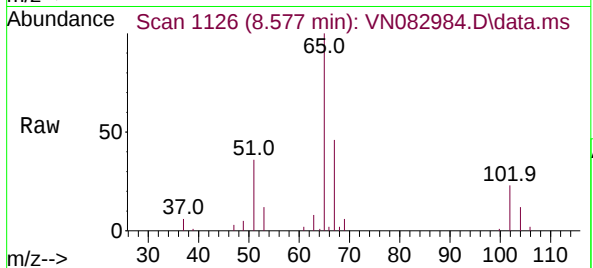




#33
1,2-Dichloroethane-d4
Concen: 55.159 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

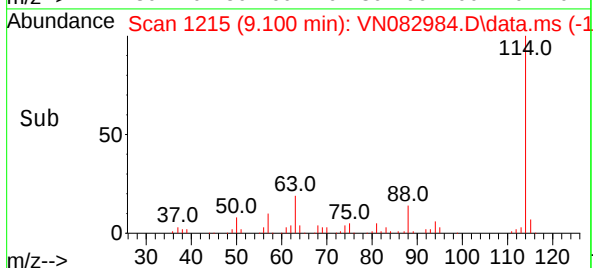
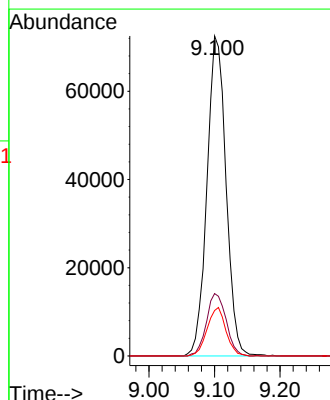
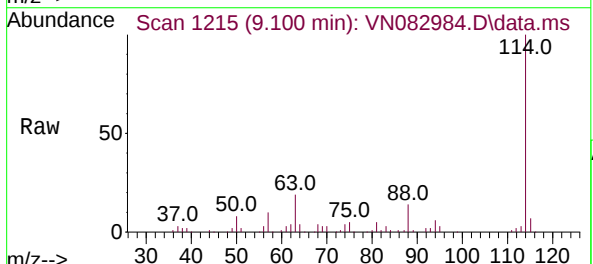
Instrument :
MSVOA_N
ClientSampleId :

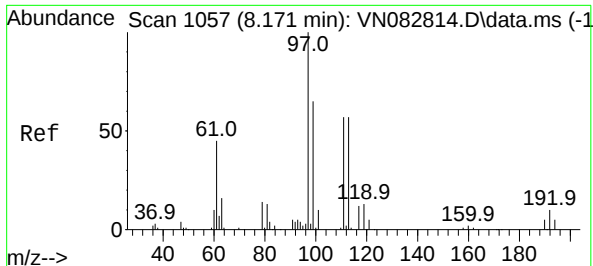
Tgt Ion: 65 Resp: 57458
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

Tgt Ion:114 Resp: 146568
Ion Ratio Lower Upper
114 100
63 19.5 0.0 44.6
88 14.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.222 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

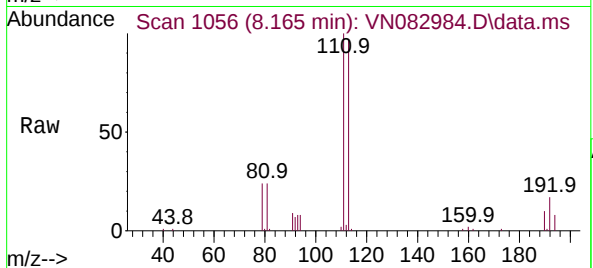
Lab File: VN082984.D

Acq: 19 Jul 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :



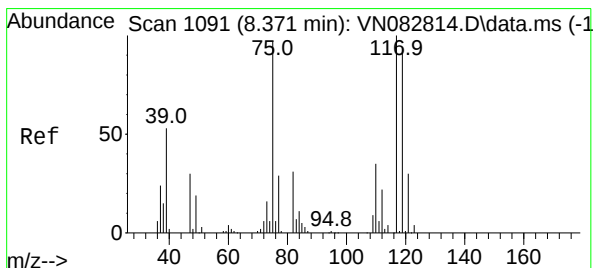
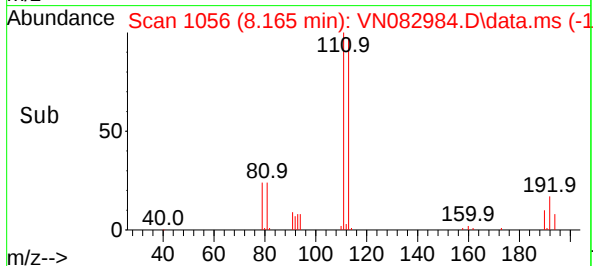
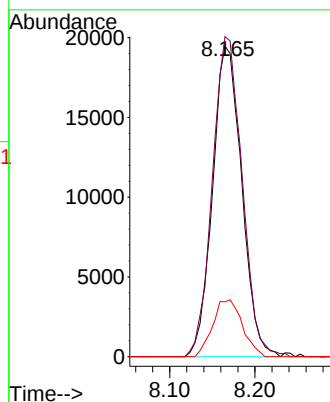
Tgt Ion:113 Resp: 46293

Ion Ratio Lower Upper

113 100

111 104.7 82.4 123.6

192 18.6 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.916 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN082984.D

Acq: 19 Jul 2024 13:21

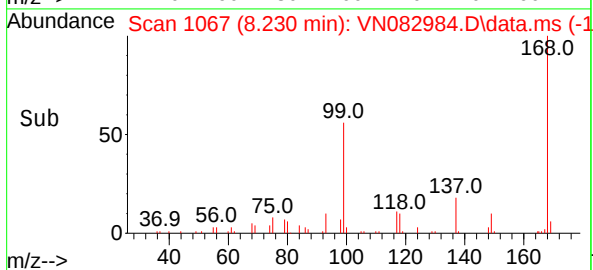
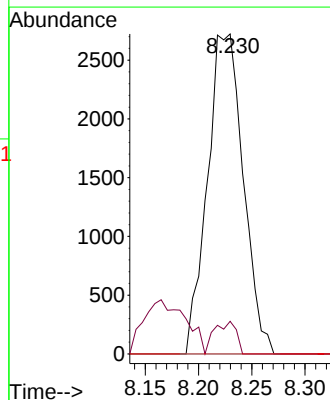
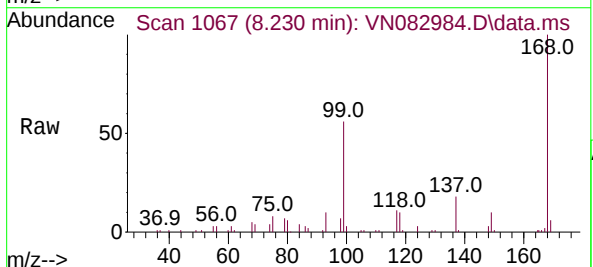
Tgt Ion: 75 Resp: 6375

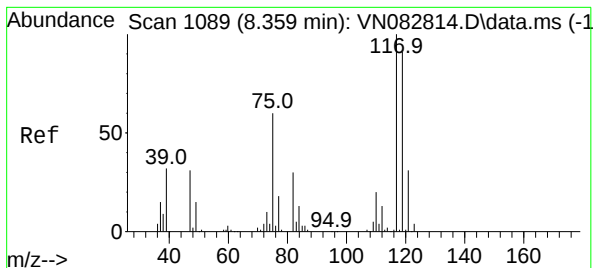
Ion Ratio Lower Upper

75 100

110 6.2 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.284 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.135 min

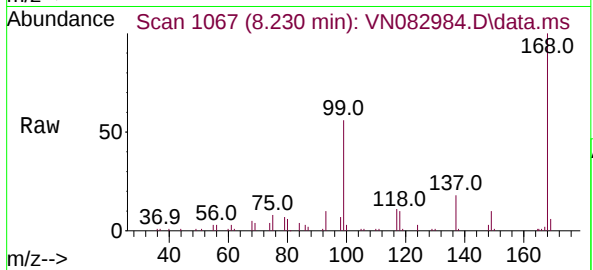
Lab File: VN082984.D

Acq: 19 Jul 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :



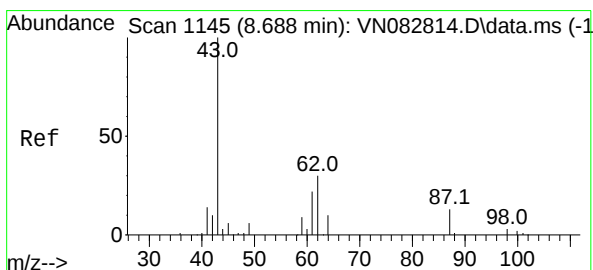
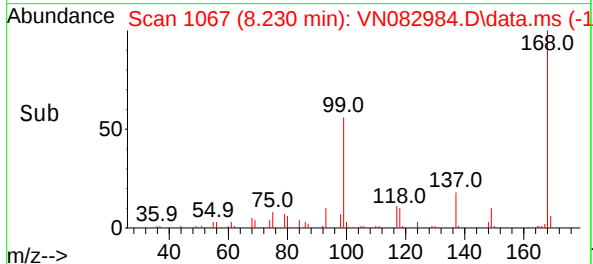
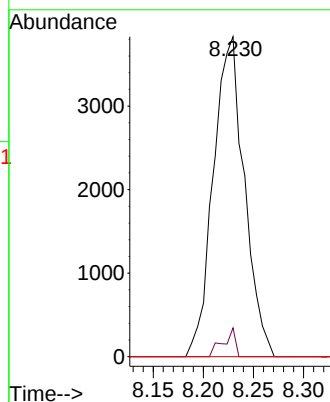
Tgt Ion:117 Resp: 8250

Ion Ratio Lower Upper

117 100

119 9.0 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: VN082984.D

Acq: 19 Jul 2024 13:21

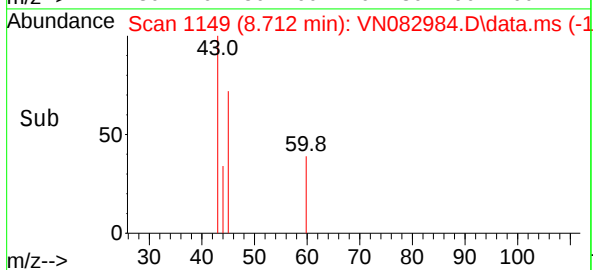
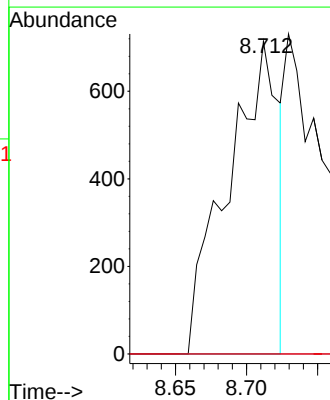
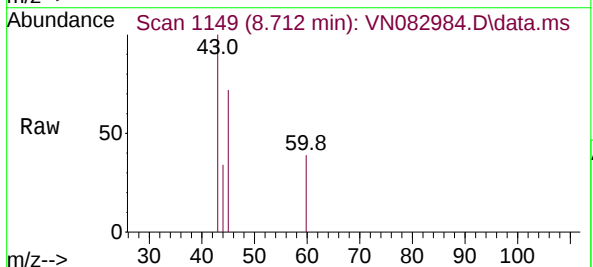
Tgt Ion: 43 Resp: 1771

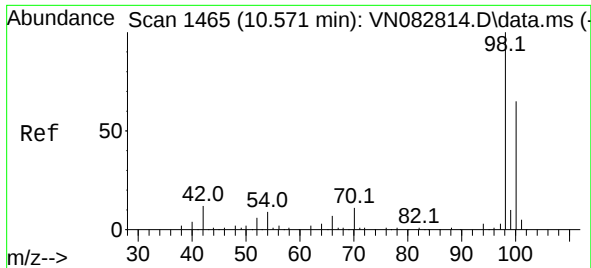
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

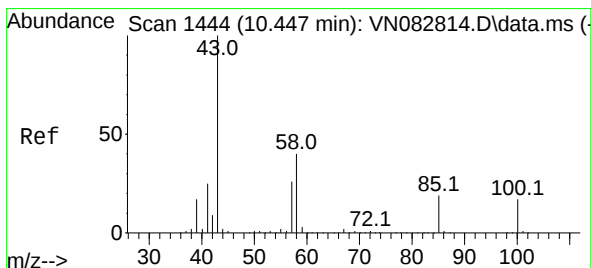
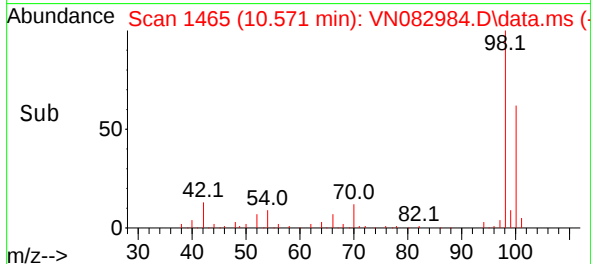
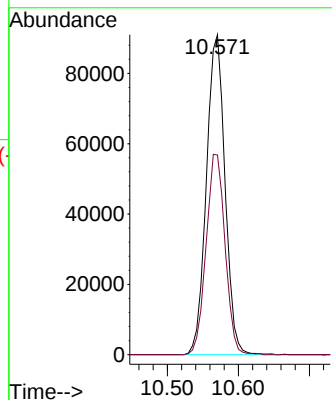
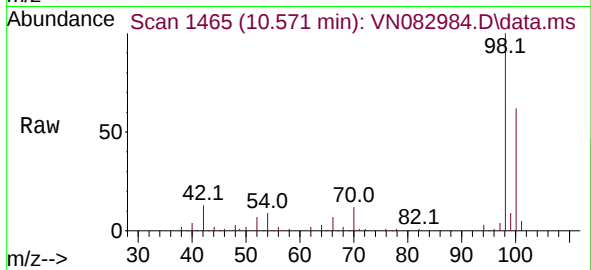




#50
Toluene-d8
Concen: 47.711 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

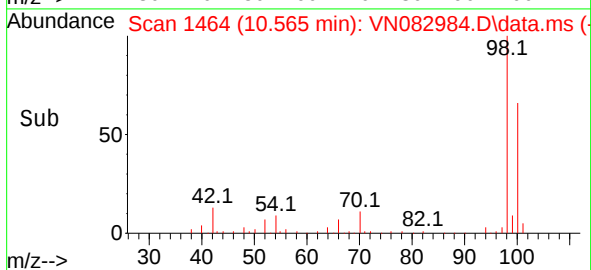
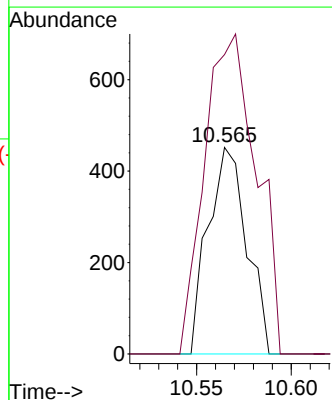
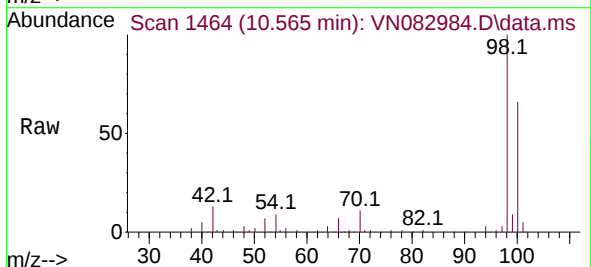
Instrument :
MSVOA_N
ClientSampleId :

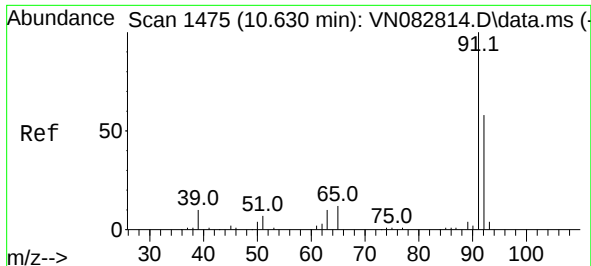
Tgt Ion: 98 Resp: 165731
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.491 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

Tgt Ion: 43 Resp: 643
Ion Ratio Lower Upper
43 100
58 207.2 28.2 42.4#

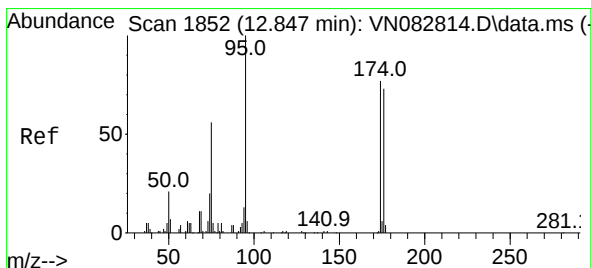
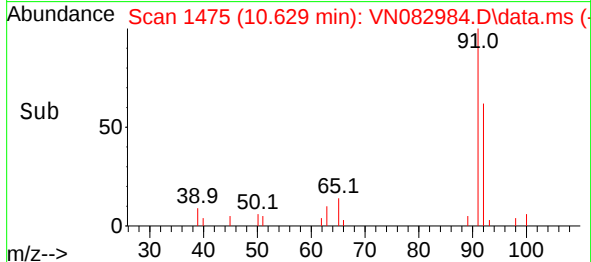
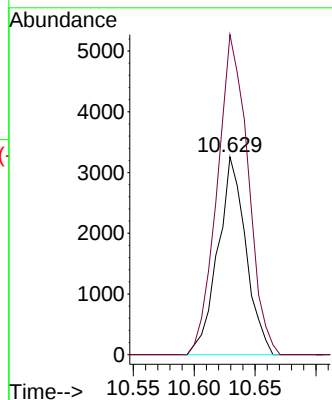
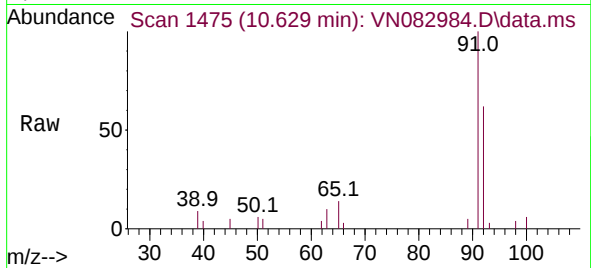




#52
Toluene
Concen: 2.097 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

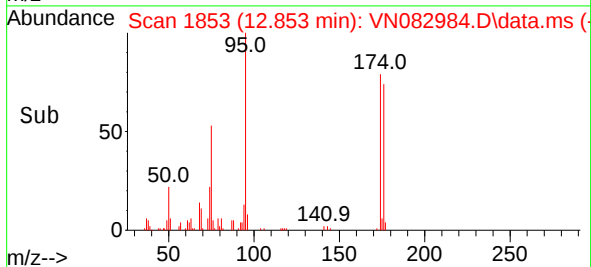
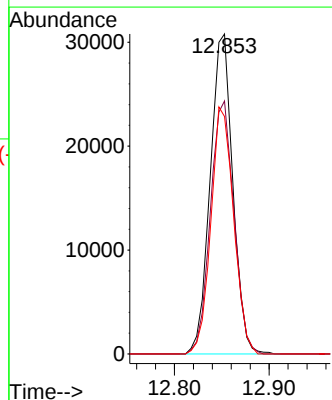
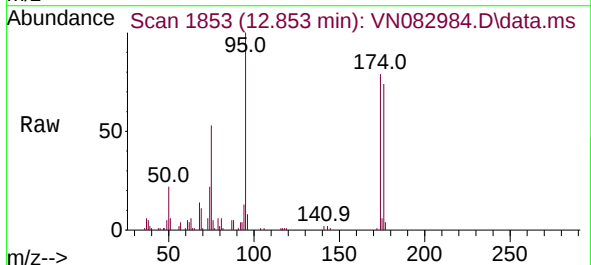
Instrument :
MSVOA_N
ClientSampleId :

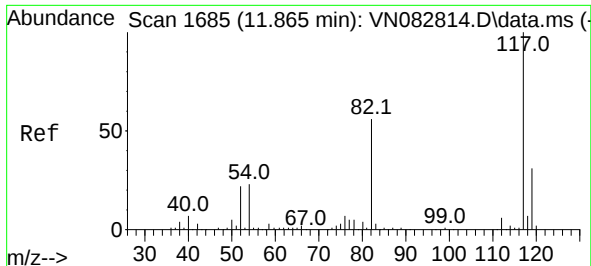
Tgt Ion: 92 Resp: 5224
Ion Ratio Lower Upper
92 100
91 177.8 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 41.008 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

Tgt Ion: 95 Resp: 51169
Ion Ratio Lower Upper
95 100
174 82.3 0.0 159.2
176 77.5 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082984.D

Acq: 19 Jul 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

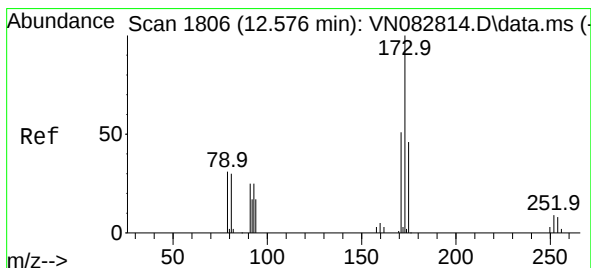
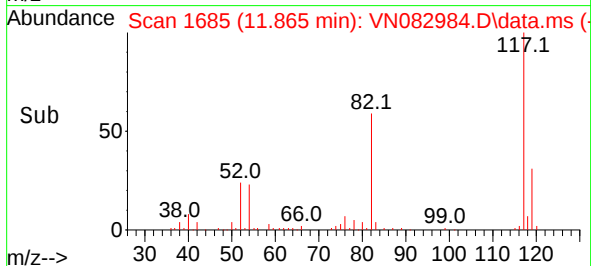
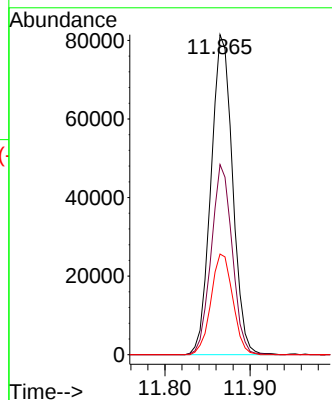
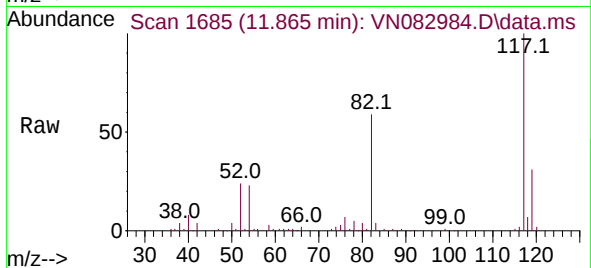
Tgt Ion:117 Resp: 143228

Ion Ratio Lower Upper

117 100

82 59.4 47.5 71.3

119 31.4 25.6 38.4



#71

Bromoform

Concen: 0.465 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN082984.D

Acq: 19 Jul 2024 13:21

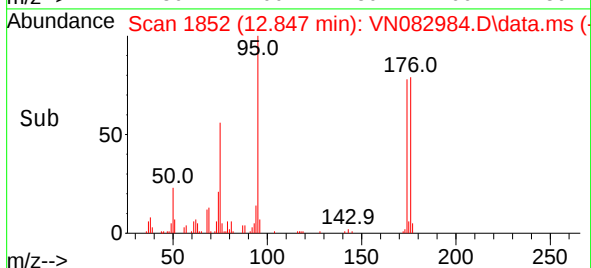
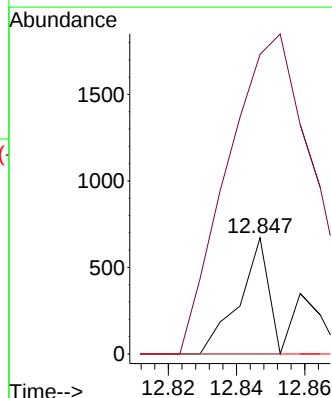
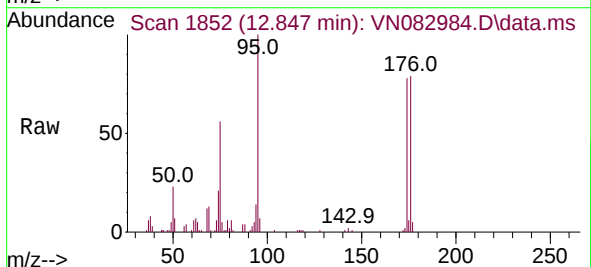
Tgt Ion:173 Resp: 399

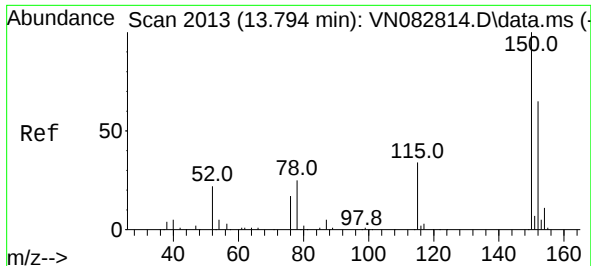
Ion Ratio Lower Upper

173 100

175 676.7 24.0 72.0#

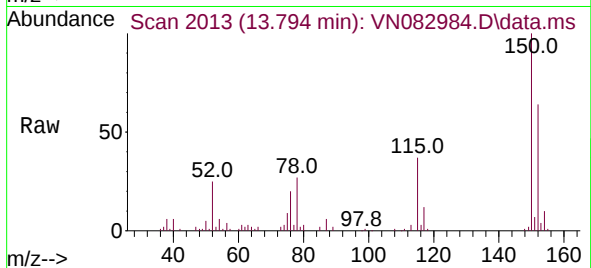
254 0.0 0.0 0.0



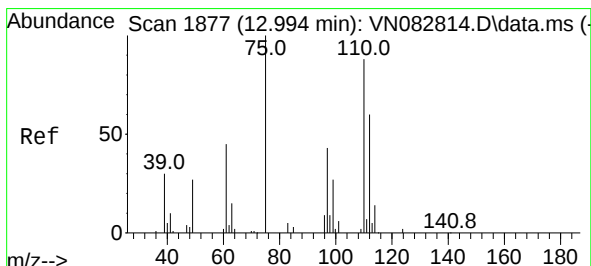
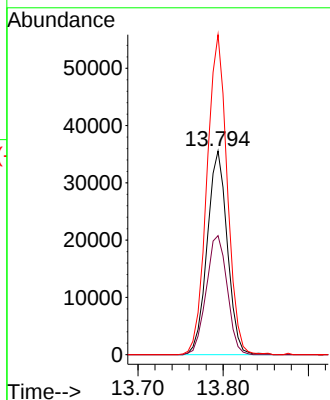
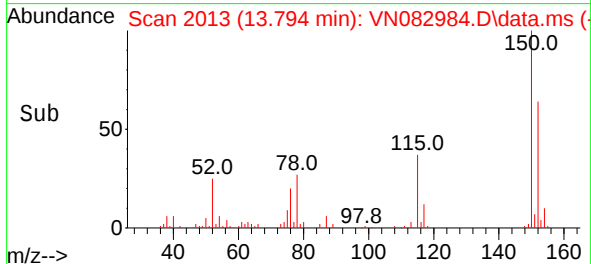


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :

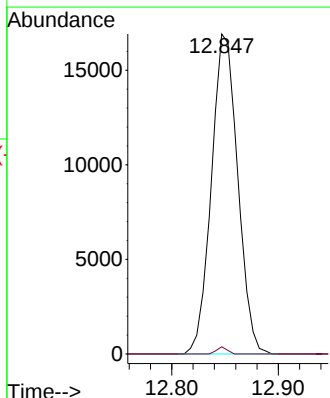
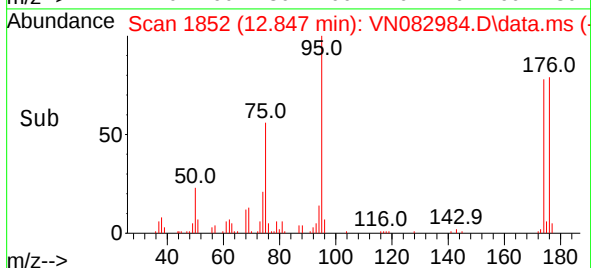
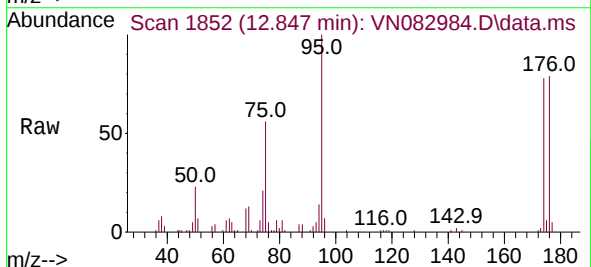


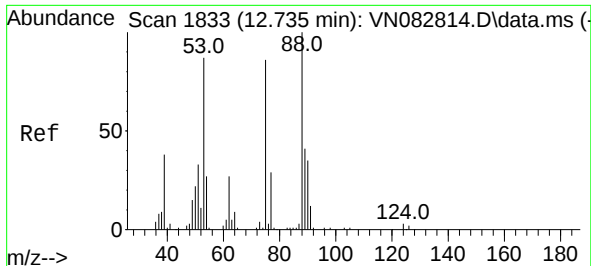
Tgt Ion:152 Resp: 58340
Ion Ratio Lower Upper
152 100
115 60.7 30.6 91.6
150 158.3 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 28.891 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

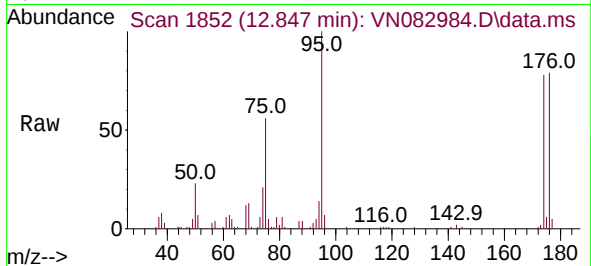
Tgt Ion: 75 Resp: 29059
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#



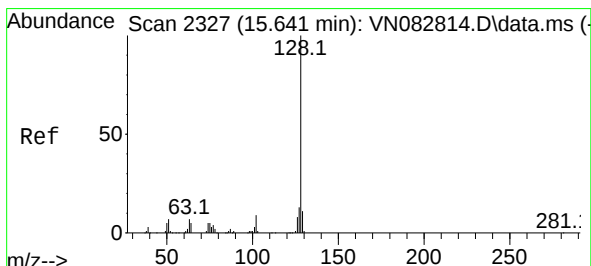
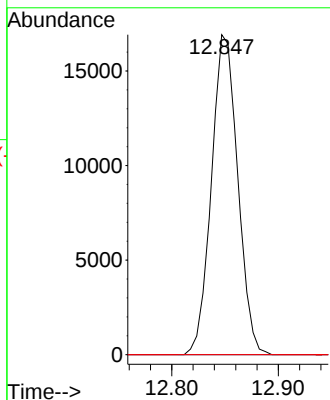
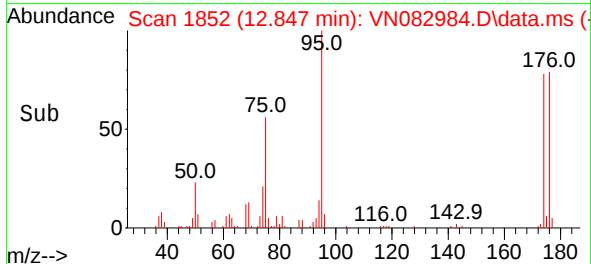


#81
trans-1,4-Dichloro-2-butene
Concen: 56.820 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

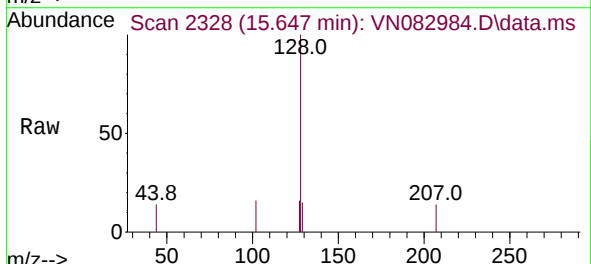
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 29059
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#95
Naphthalene
Concen: 0.765 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21



Tgt Ion: 128 Resp: 2707
Ion Ratio Lower Upper
128 100
127 17.1 10.6 16.0#
129 5.1 8.6 12.8#

