

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081924.D
 Acq On : 30 Apr 2024 12:20
 Operator : JC\MD
 Sample : P2183-04 20X
 Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 00:51:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

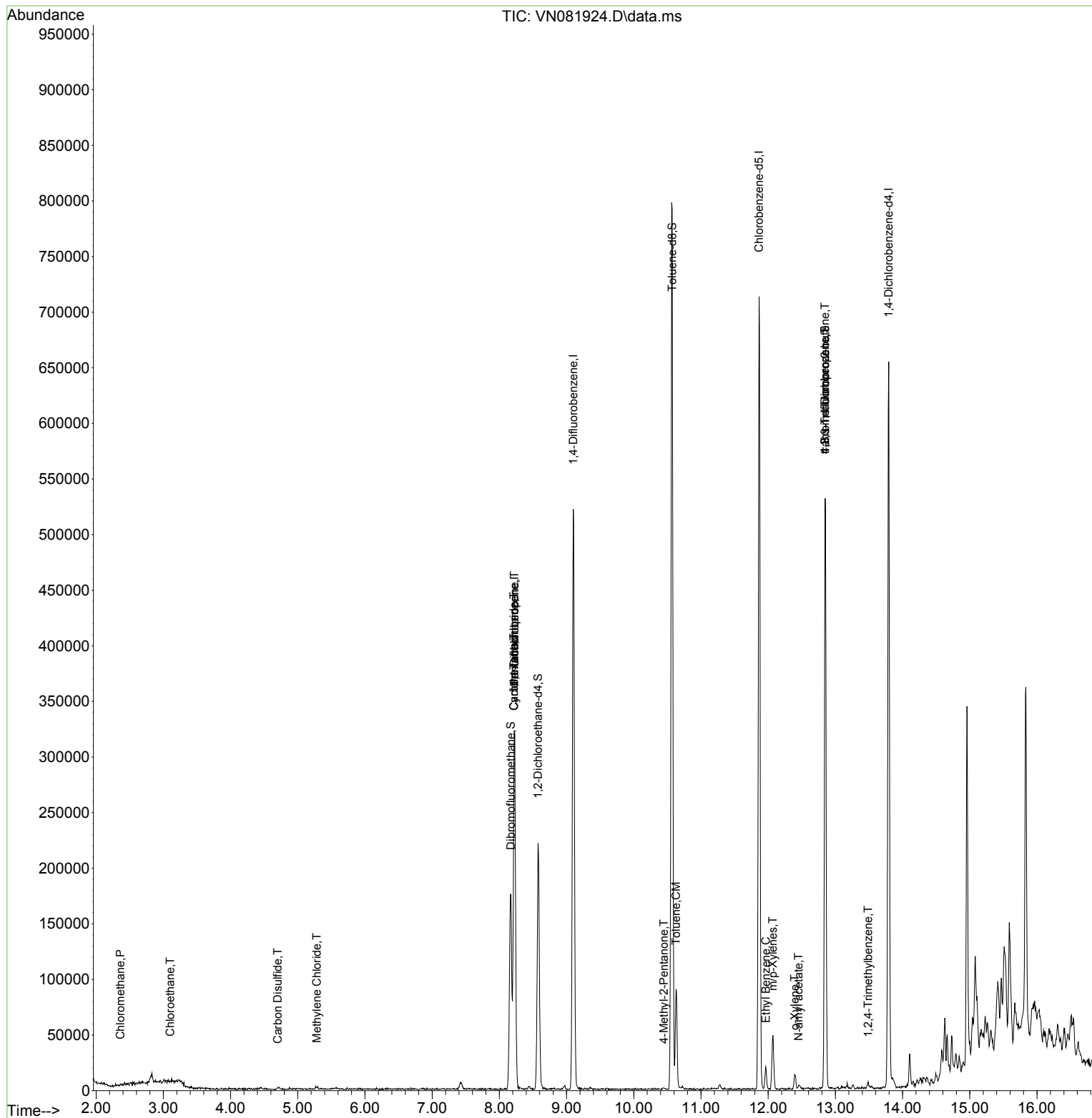
Internal Standards						
1) Pentafluorobenzene	8.224	168	229155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	445793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	397368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	160851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169719	43.883	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.760%		
35) Dibromofluoromethane	8.171	113	130297	48.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.080%		
50) Toluene-d8	10.571	98	547036	51.894	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.780%		
62) 4-Bromofluorobenzene	12.847	95	188832	45.315	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	90.640%		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	779	0.232	ug/l #	43
5) Bromomethane	2.971	94	464	Below Cal	#	59
6) Chloroethane	3.100	64	548	0.357	ug/l #	34
13) Acrolein	4.147	56	54	Below Cal	#	15
16) Acetone	4.400	43	393	Below Cal	#	43
17) Carbon Disulfide	4.700	76	2001	0.240	ug/l #	70
20) Methylene Chloride	5.283	84	1103	0.333	ug/l #	55
31) Cyclohexane	8.218	56	7040	1.208	ug/l #	53
36) 1,1-Dichloropropene	8.224	75	22770	5.215	ug/l #	47
38) Carbon Tetrachloride	8.218	117	24127	5.653	ug/l #	15
51) 4-Methyl-2-Pentanone	10.447	43	1210	0.242	ug/l #	63
52) Toluene	10.629	92	37253	4.746	ug/l	93
67) Ethyl Benzene	11.965	91	13600	0.843	ug/l #	82
68) m/p-Xylenes	12.070	106	14045	2.440	ug/l	90
69) o-Xylene	12.394	106	3220	0.573	ug/l	61
74) N-amyl acetate	12.453	43	3419	0.429	ug/l #	41
76) 1,2,3-Trichloropropane	12.847	75	102609	24.603	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	102609	50.416	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.488	105	2453	0.203	ug/l	89

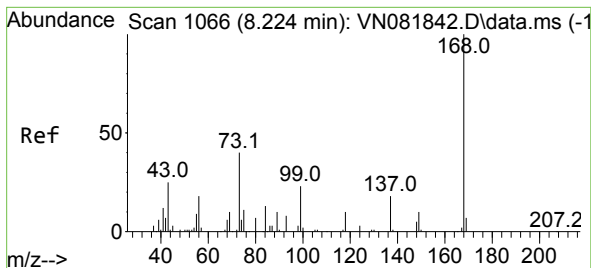
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081924.D

Acq: 30 Apr 2024 12:20

Instrument :

MSVOA_N

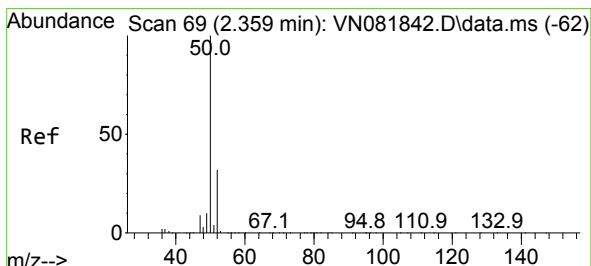
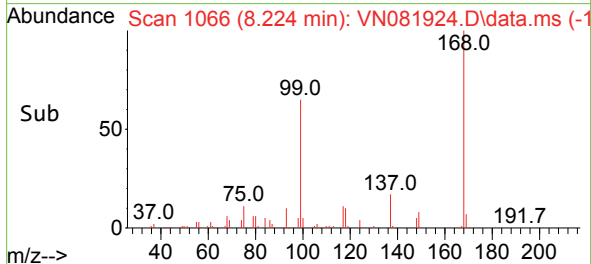
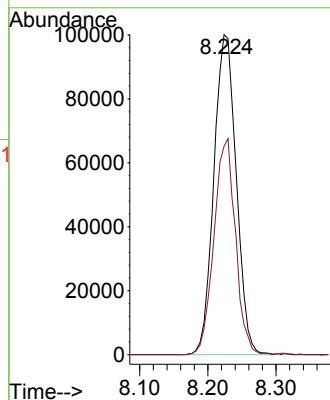
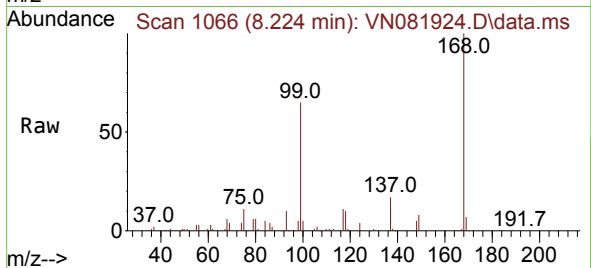
ClientSampleId :

Tgt Ion:168 Resp: 229155

Ion Ratio Lower Upper

168 100

99 65.1 48.2 72.4



#3

Chloromethane

Concen: 0.232 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081924.D

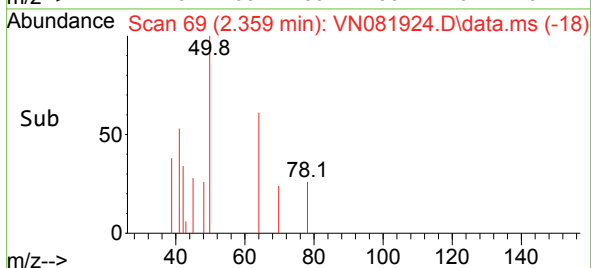
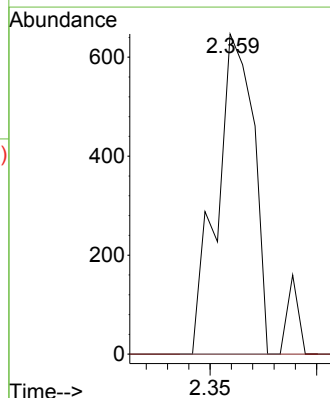
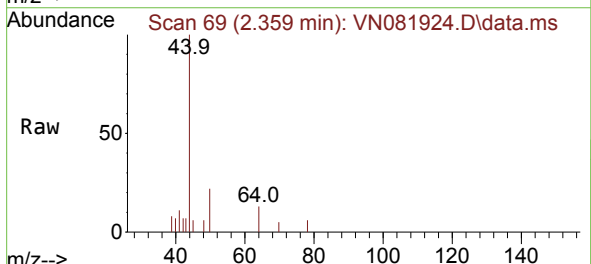
Acq: 30 Apr 2024 12:20

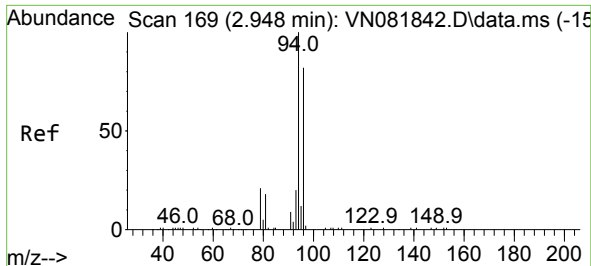
Tgt Ion: 50 Resp: 779

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

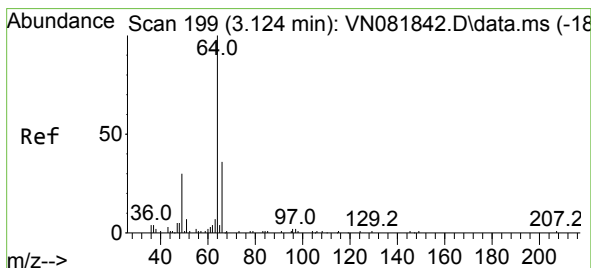
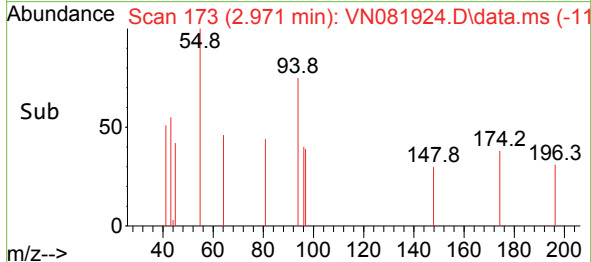
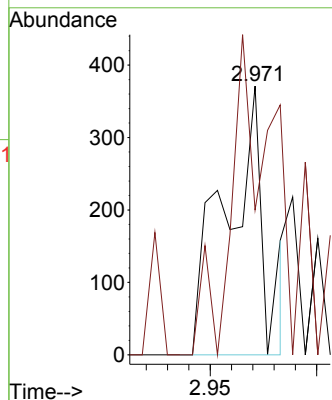
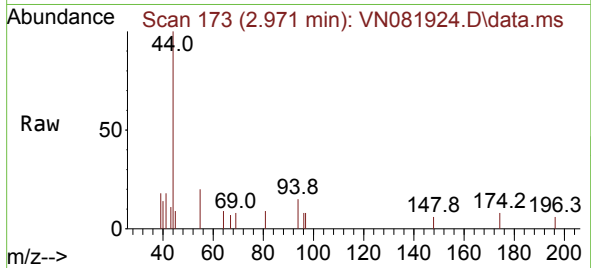




#5
Bromomethane
Concen: Below Cal
RT: 2.971 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN081924.D
Acq: 30 Apr 2024 12:20

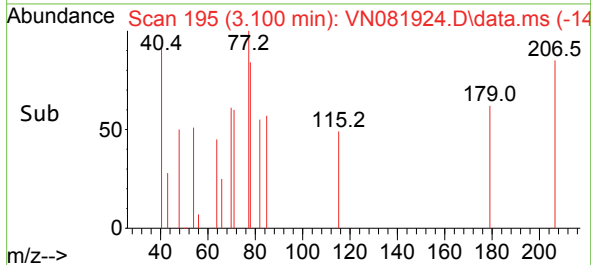
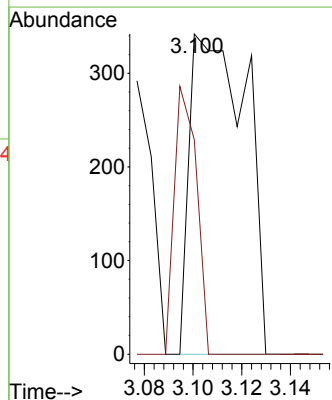
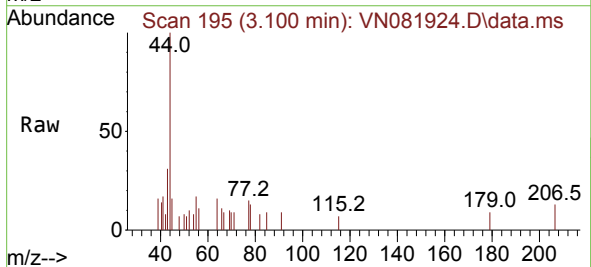
Instrument :
MSVOA_N
ClientSampleId :

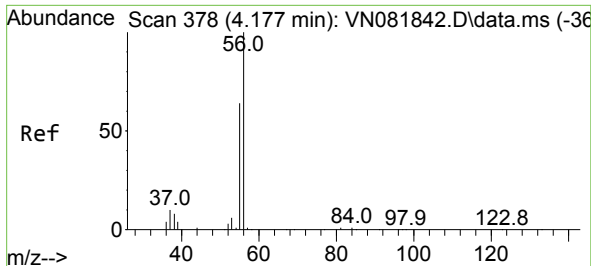
Tgt Ion: 94 Resp: 464
Ion Ratio Lower Upper
94 100
96 53.9 74.8 112.2#



#6
Chloroethane
Concen: 0.357 ug/l
RT: 3.100 min Scan# 195
Delta R.T. -0.024 min
Lab File: VN081924.D
Acq: 30 Apr 2024 12:20

Tgt Ion: 64 Resp: 548
Ion Ratio Lower Upper
64 100
66 67.0 24.7 37.1#

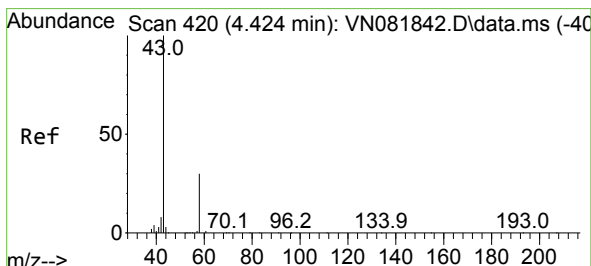
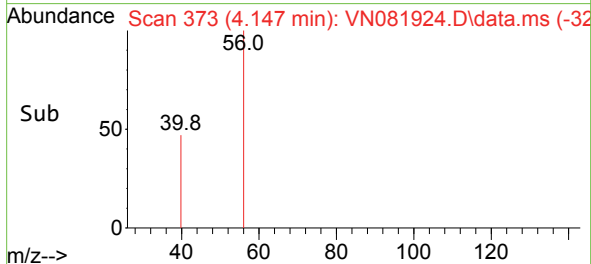
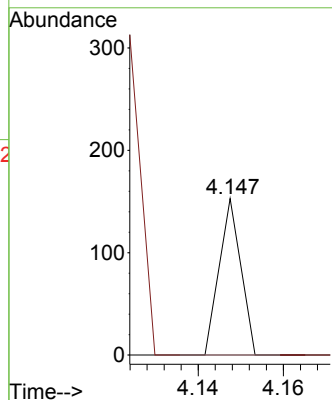
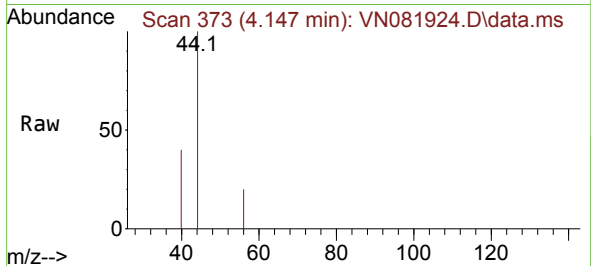




#13
Acrolein
Concen: Below Cal
RT: 4.147 min Scan# 31
Delta R.T. -0.030 min
Lab File: VN081924.D
Acq: 30 Apr 2024 12:20

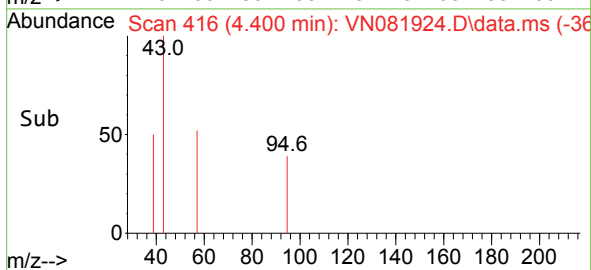
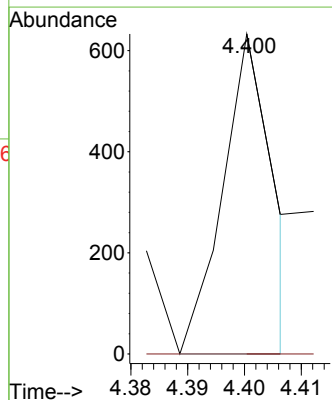
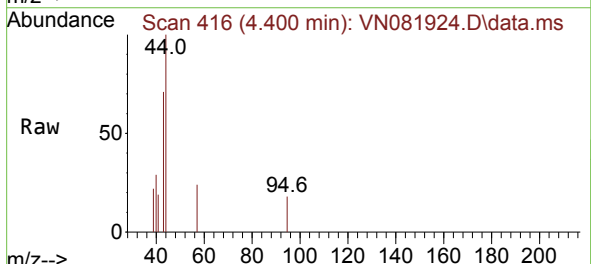
Instrument :
MSVOA_N
ClientSampleId :

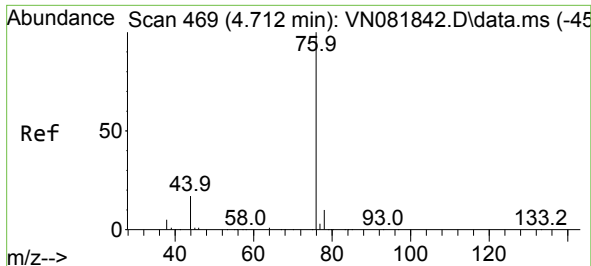
Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#



#16
Acetone
Concen: Below Cal
RT: 4.400 min Scan# 416
Delta R.T. -0.024 min
Lab File: VN081924.D
Acq: 30 Apr 2024 12:20

Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#

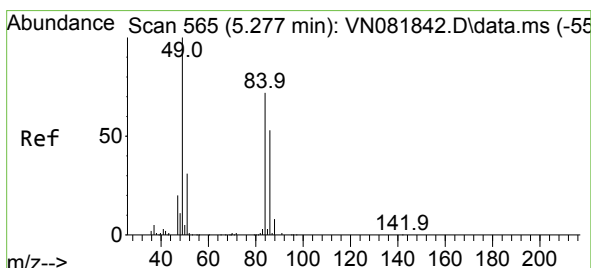
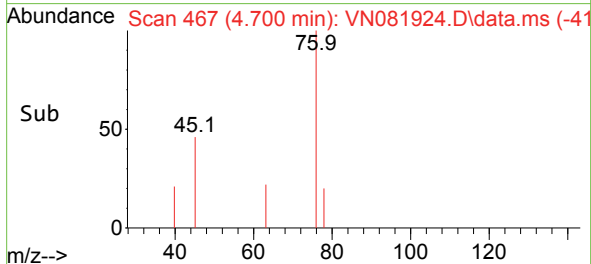
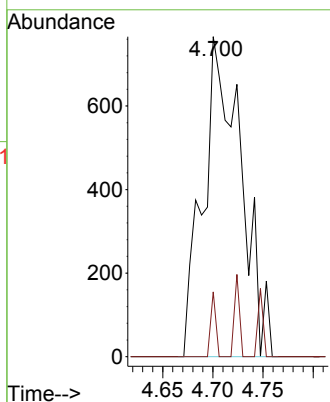
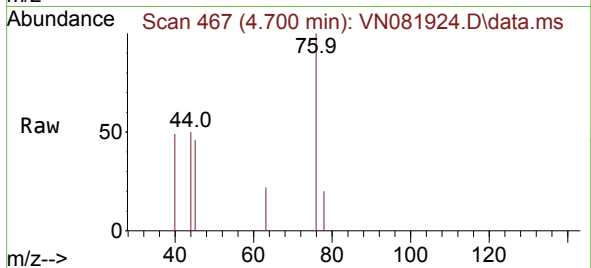




#17
Carbon Disulfide
Concen: 0.240 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN081924.D
Acq: 30 Apr 2024 12:20

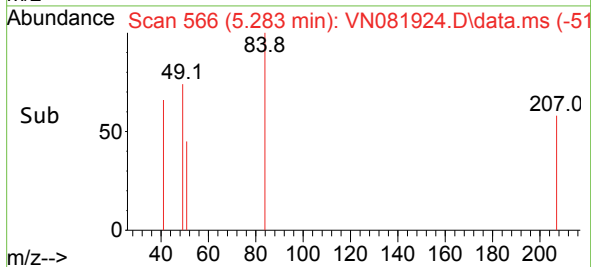
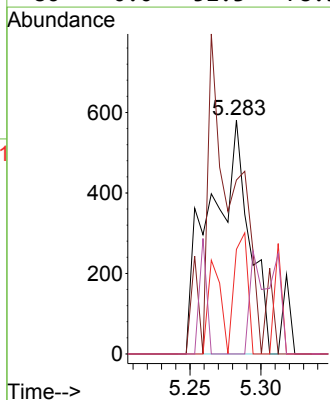
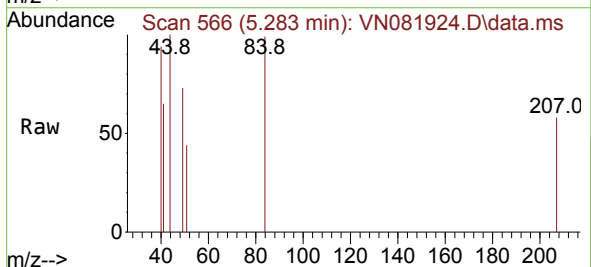
Instrument :
MSVOA_N
ClientSampleId :

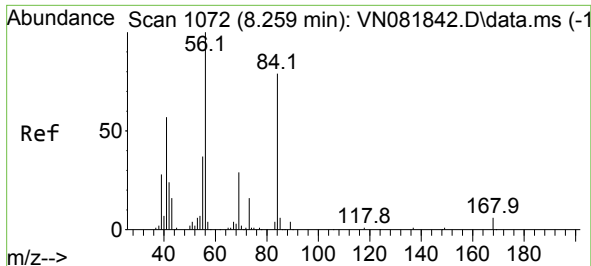
Tgt Ion: 76 Resp: 2001
Ion Ratio Lower Upper
76 100
78 20.2 7.5 11.3#



#20
Methylene Chloride
Concen: 0.333 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081924.D
Acq: 30 Apr 2024 12:20

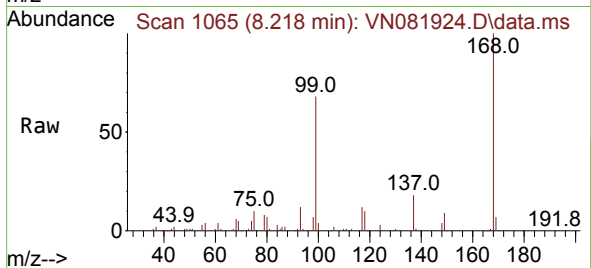
Tgt Ion: 84 Resp: 1103
Ion Ratio Lower Upper
84 100
49 74.4 84.9 127.3#
51 44.8 27.0 40.6#
86 0.0 52.3 78.5#



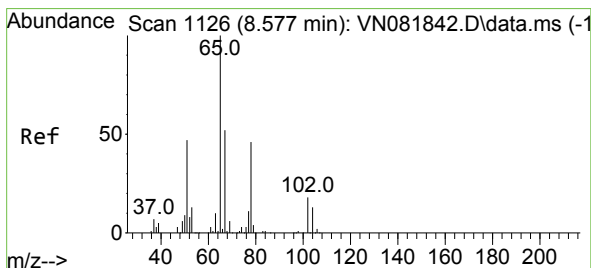
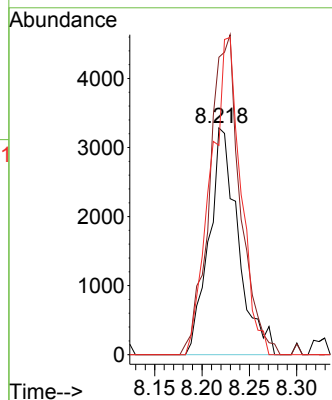
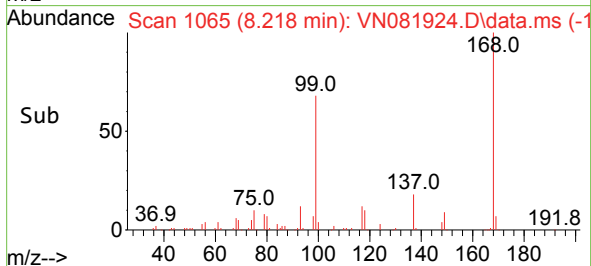


#31
Cyclohexane
Concen: 1.208 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081924.D
Acq: 30 Apr 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :

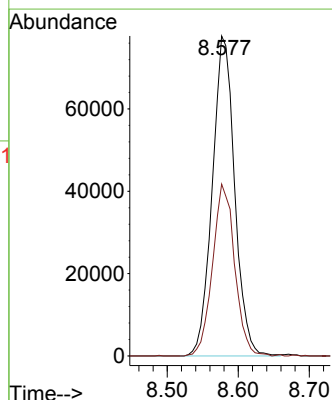
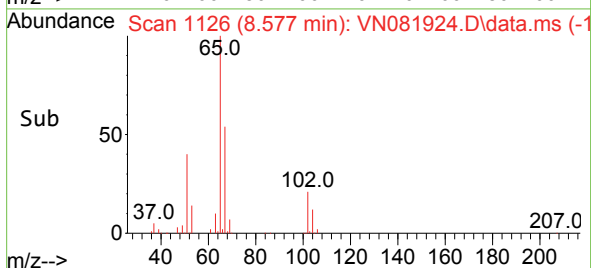
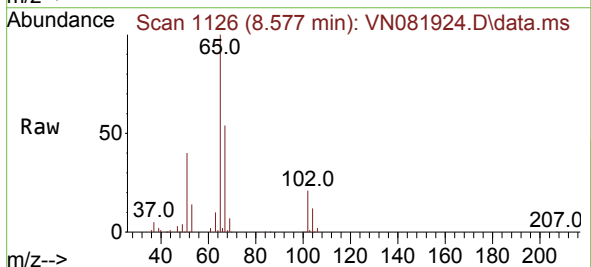


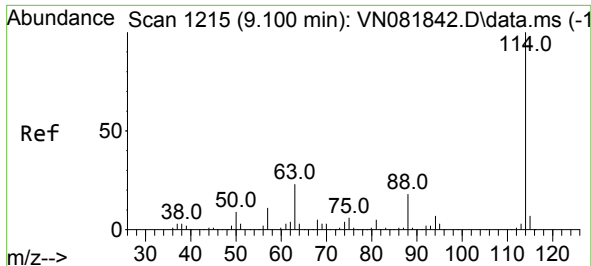
Tgt Ion: 56 Resp: 7040
Ion Ratio Lower Upper
56 100
69 131.2 24.4 36.6#
84 92.3 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 43.883 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081924.D
Acq: 30 Apr 2024 12:20

Tgt Ion: 65 Resp: 169719
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

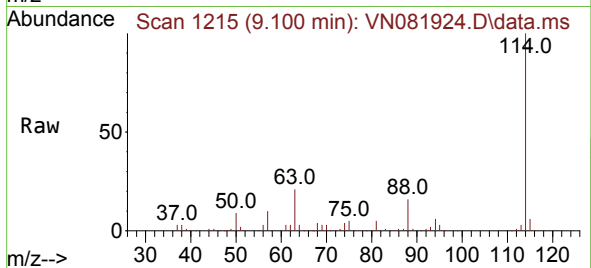
Lab File: VN081924.D

Acq: 30 Apr 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :



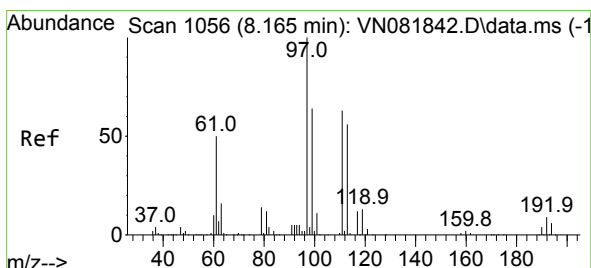
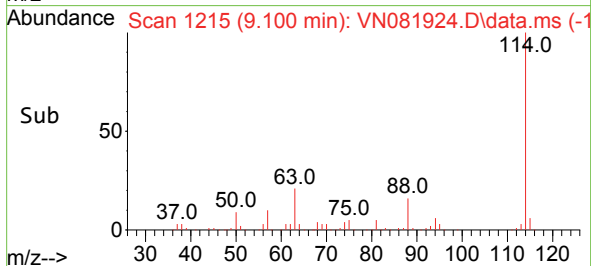
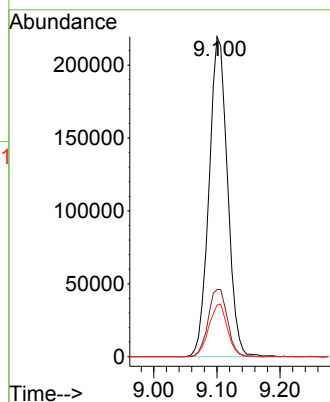
Tgt Ion:114 Resp: 445793

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.545 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081924.D

Acq: 30 Apr 2024 12:20

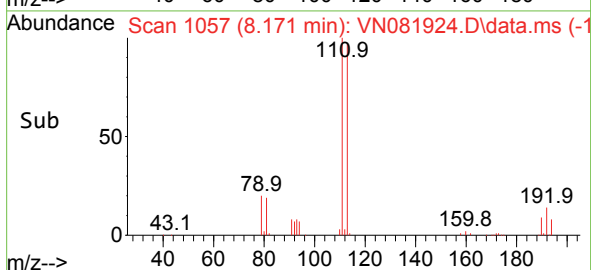
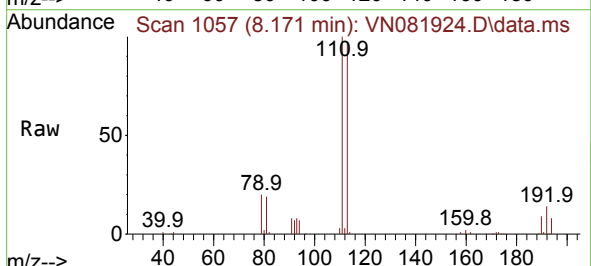
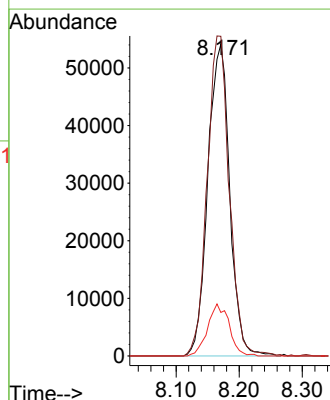
Tgt Ion:113 Resp: 130297

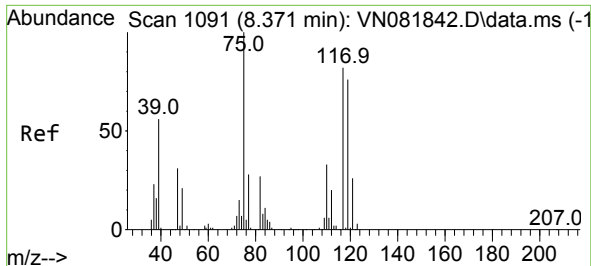
Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

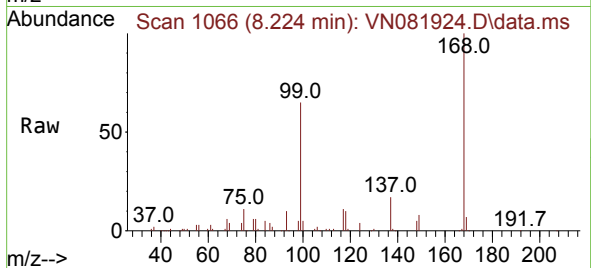
192 16.5 14.0 21.0



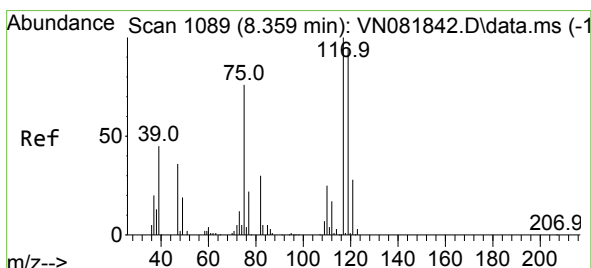
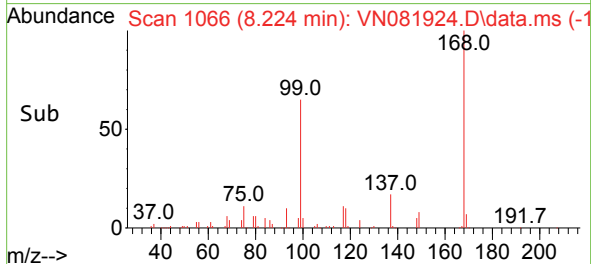
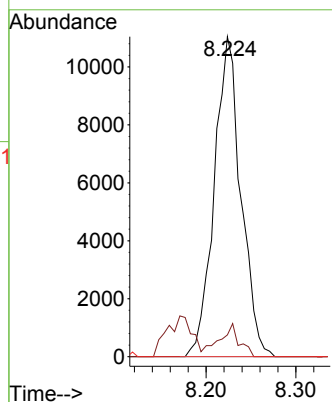


#36
 1,1-Dichloropropene
 Concen: 5.215 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN081924.D
 Acq: 30 Apr 2024 12:20

Instrument :
 MSVOA_N
 ClientSampleId :

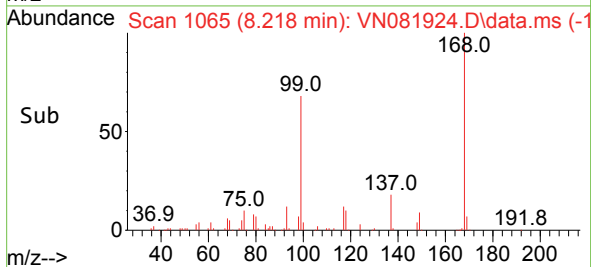
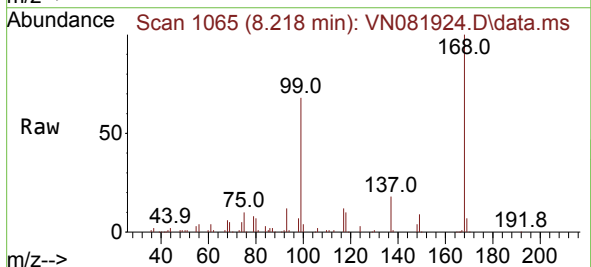
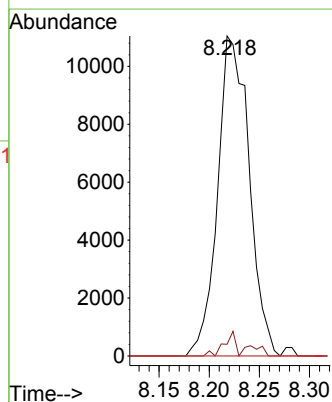


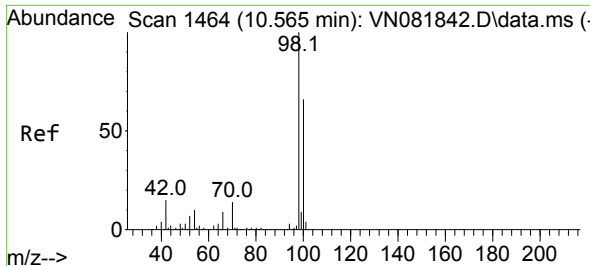
Tgt Ion: 75 Resp: 22770
 Ion Ratio Lower Upper
 75 100
 110 6.5 17.8 53.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.653 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.141 min
 Lab File: VN081924.D
 Acq: 30 Apr 2024 12:20

Tgt Ion: 117 Resp: 24127
 Ion Ratio Lower Upper
 117 100
 119 3.7 76.5 114.7#
 121 0.0 23.9 35.9#

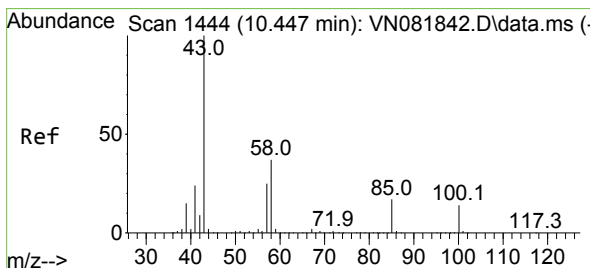
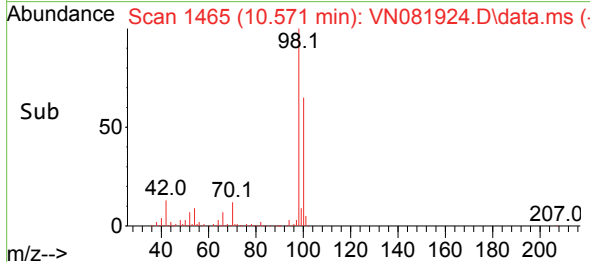
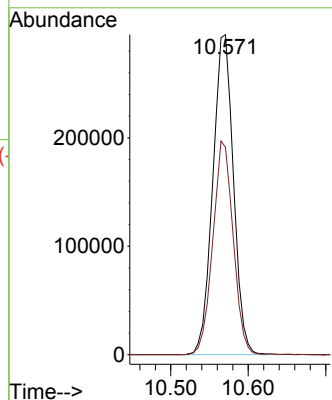
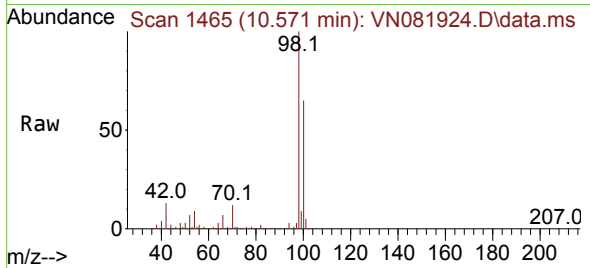




#50
Toluene-d8
Concen: 51.894 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081924.D
Acq: 30 Apr 2024 12:20

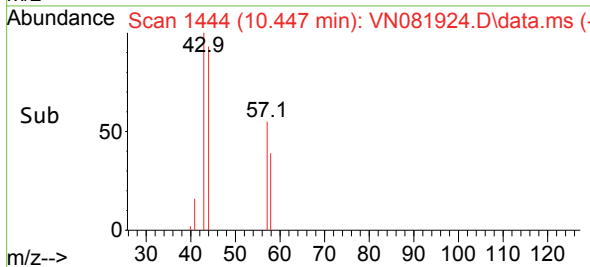
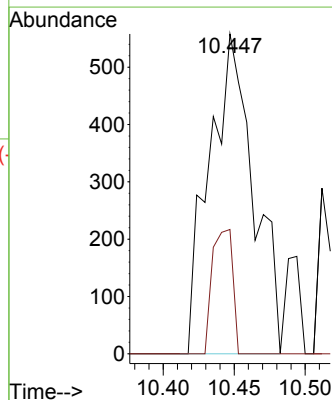
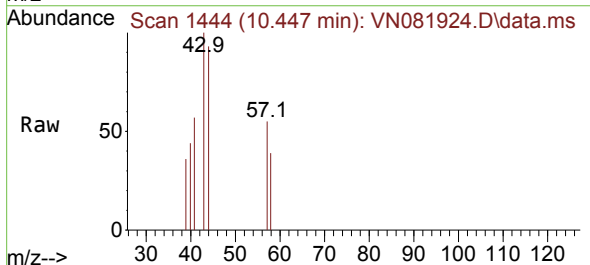
Instrument :
MSVOA_N
ClientSampleId :

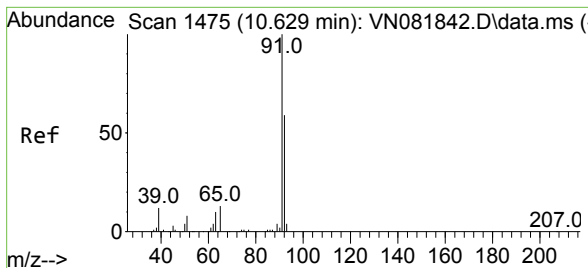
Tgt Ion: 98 Resp: 547036
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.242 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081924.D
Acq: 30 Apr 2024 12:20

Tgt Ion: 43 Resp: 1210
Ion Ratio Lower Upper
43 100
58 17.9 33.2 49.8#





#52

Toluene

Concen: 4.746 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081924.D

Acq: 30 Apr 2024 12:20

Instrument :

MSVOA_N

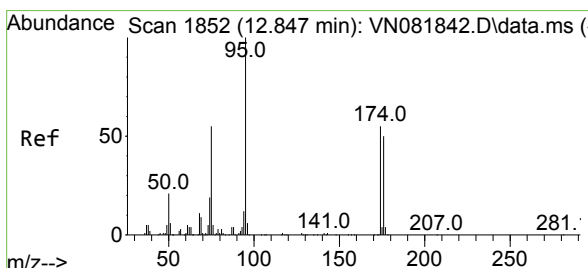
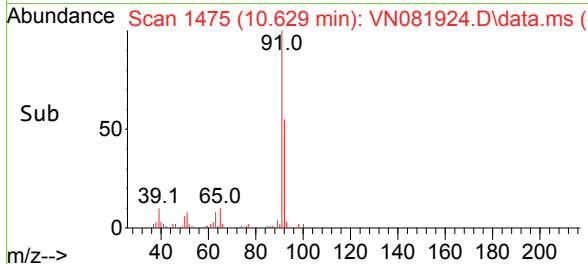
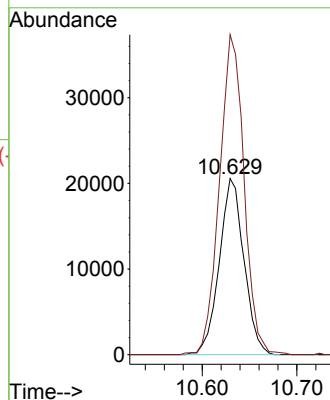
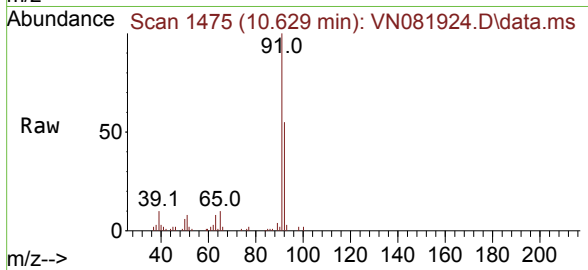
ClientSampleId :

Tgt Ion: 92 Resp: 37253

Ion Ratio Lower Upper

92 100

91 181.0 136.7 205.1



#62

4-Bromofluorobenzene

Concen: 45.315 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN081924.D

Acq: 30 Apr 2024 12:20

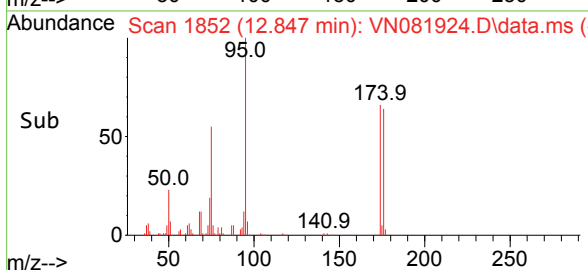
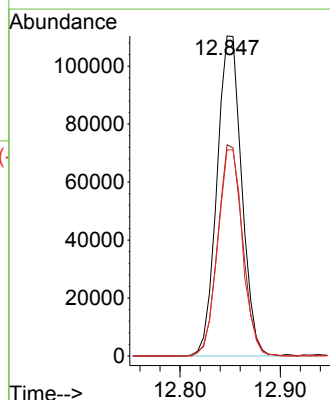
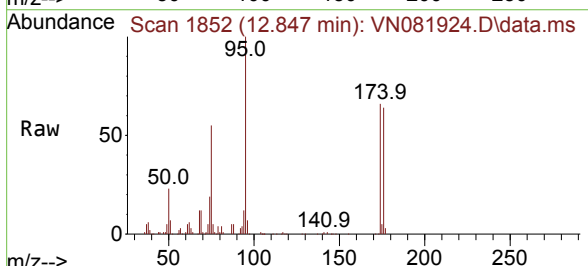
Tgt Ion: 95 Resp: 188832

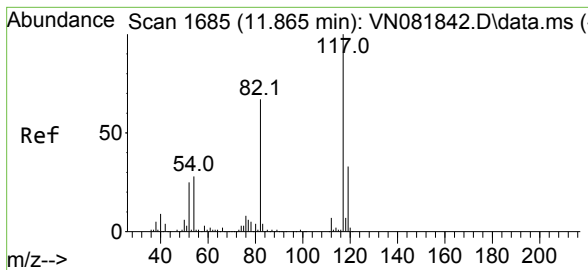
Ion Ratio Lower Upper

95 100

174 66.4 0.0 160.6

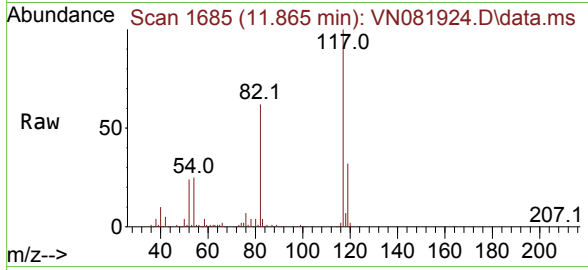
176 64.8 0.0 152.8



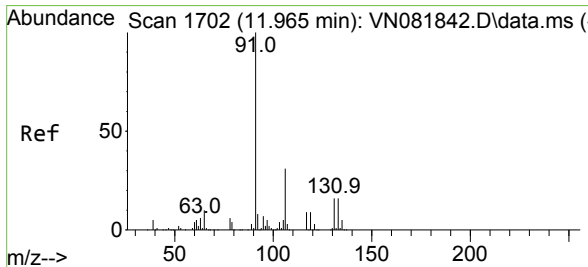
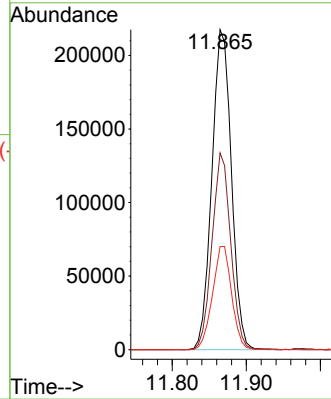
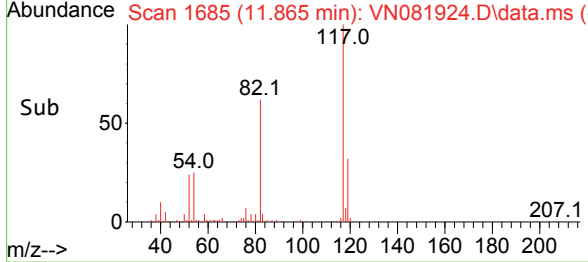


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN081924.D
Acq: 30 Apr 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :

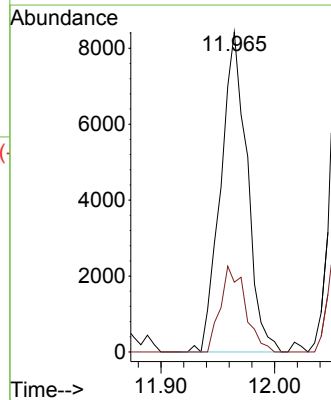
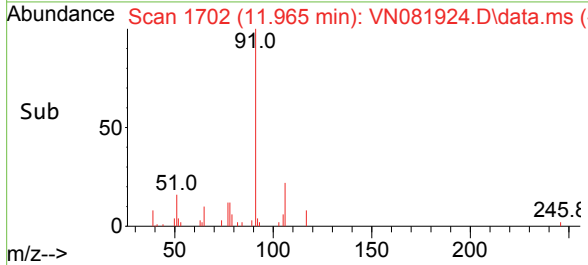
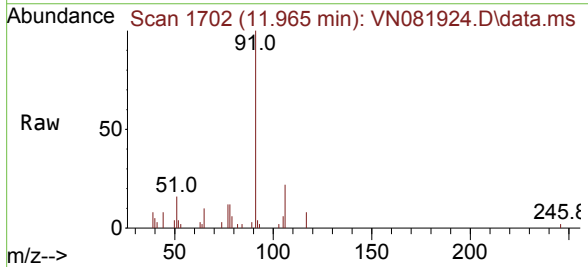


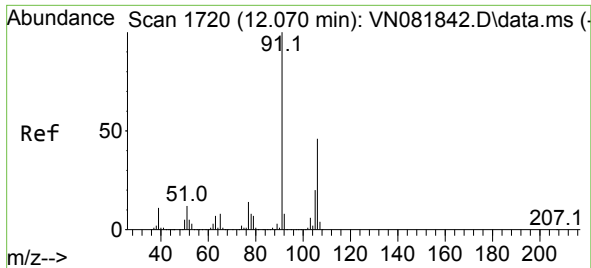
Tgt Ion:117 Resp: 397368
Ion Ratio Lower Upper
117 100
82 61.5 44.6 66.8
119 32.2 25.9 38.9



#67
Ethyl Benzene
Concen: 0.843 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081924.D
Acq: 30 Apr 2024 12:20

Tgt Ion: 91 Resp: 13600
Ion Ratio Lower Upper
91 100
106 21.8 25.3 37.9#

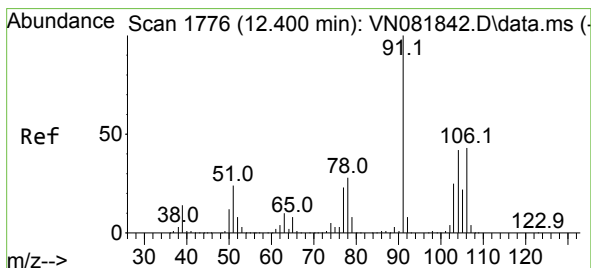
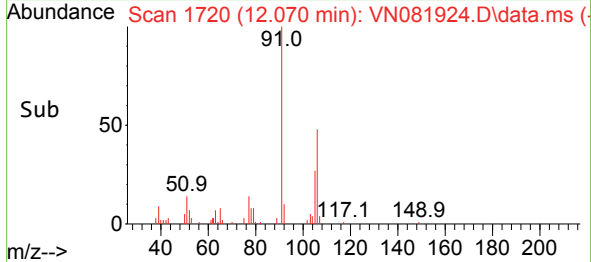
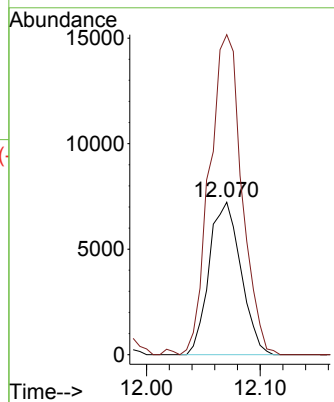
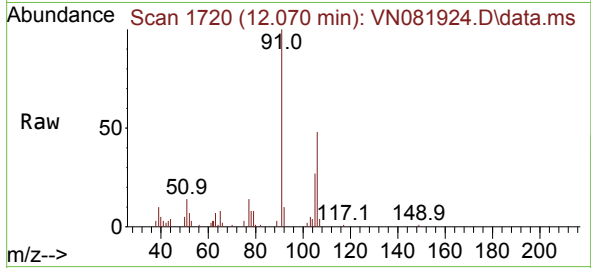




#68
m/p-Xylenes
Concen: 2.440 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081924.D
Acq: 30 Apr 2024 12:20

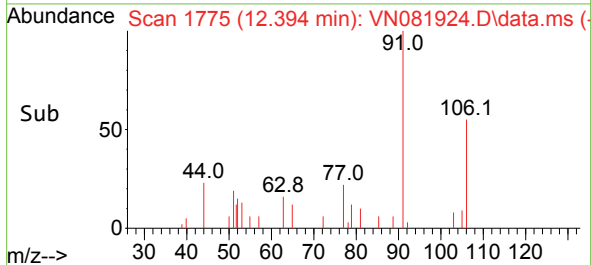
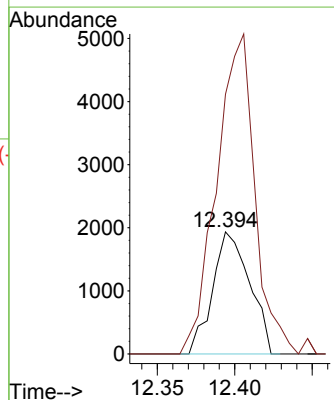
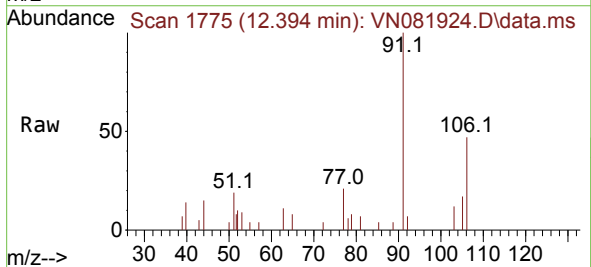
Instrument :
MSVOA_N
ClientSampleId :

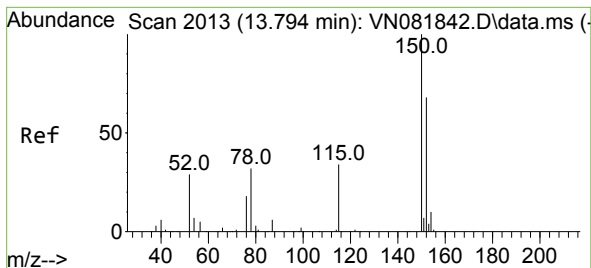
Tgt Ion:106 Resp: 14045
Ion Ratio Lower Upper
106 100
91 213.9 159.4 239.0



#69
o-Xylene
Concen: 0.573 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN081924.D
Acq: 30 Apr 2024 12:20

Tgt Ion:106 Resp: 3220
Ion Ratio Lower Upper
106 100
91 270.2 104.7 314.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

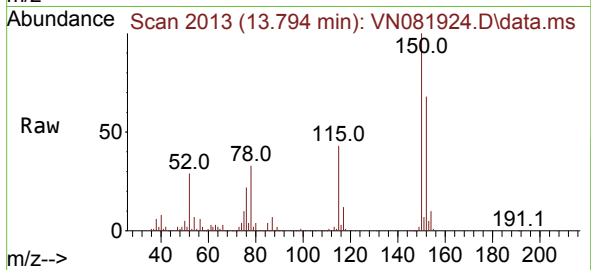
Lab File: VN081924.D

Acq: 30 Apr 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :



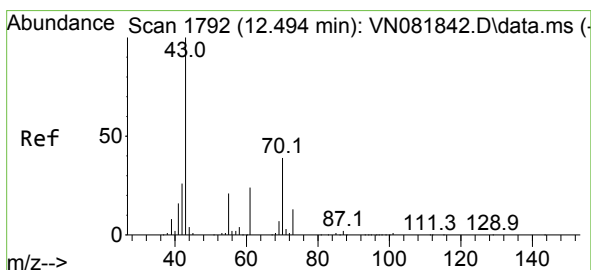
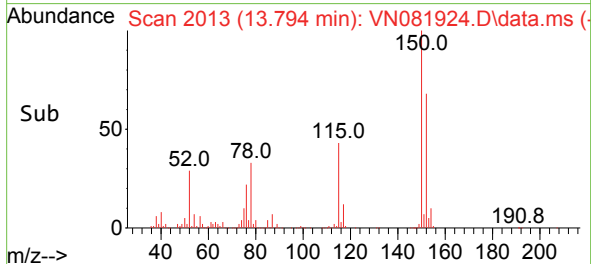
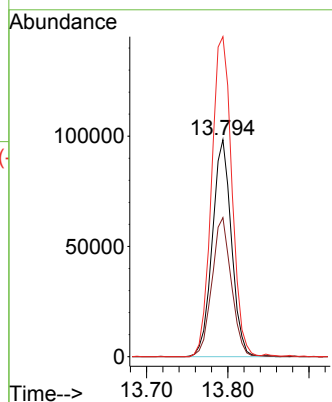
Tgt Ion:152 Resp: 160851

Ion Ratio Lower Upper

152 100

115 65.1 30.4 91.3

150 156.0 0.0 353.2



#74

N-ethyl acetate

Concen: 0.429 ug/l

RT: 12.453 min Scan# 1785

Delta R.T. -0.041 min

Lab File: VN081924.D

Acq: 30 Apr 2024 12:20

Tgt Ion: 43 Resp: 3419

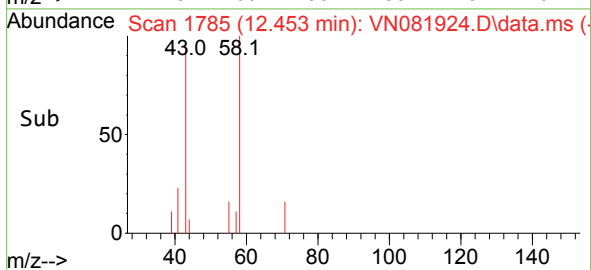
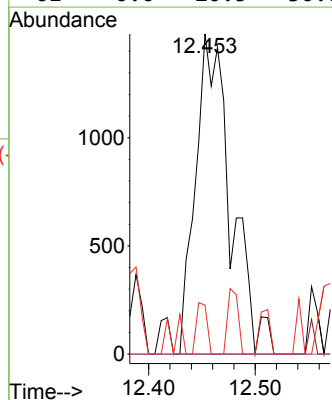
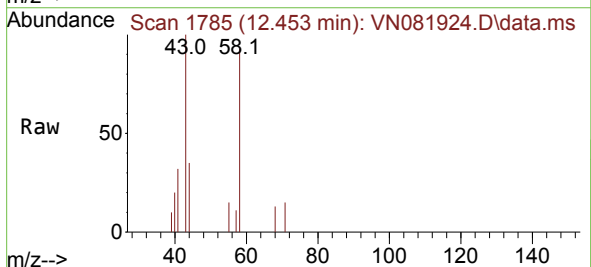
Ion Ratio Lower Upper

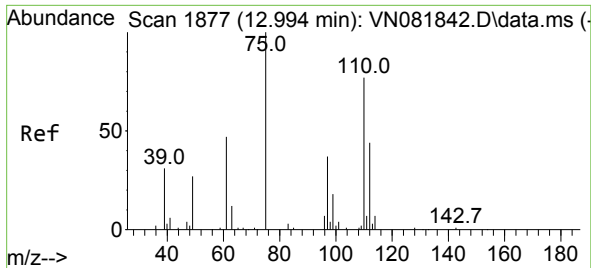
43 100

70 0.0 39.0 58.4#

55 4.8 21.3 31.9#

61 0.0 20.5 30.7#

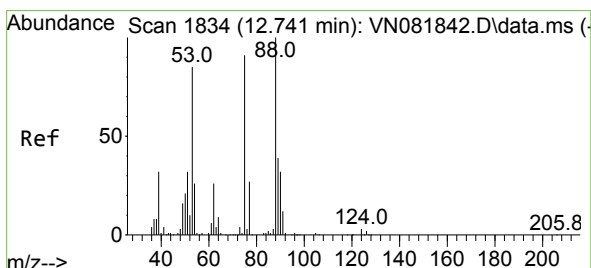
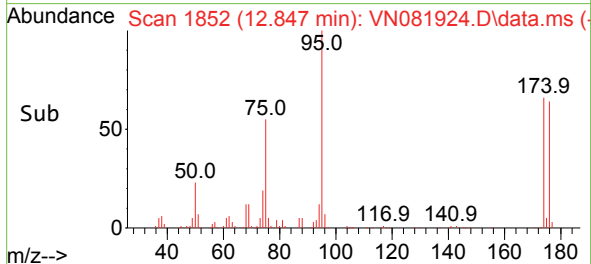
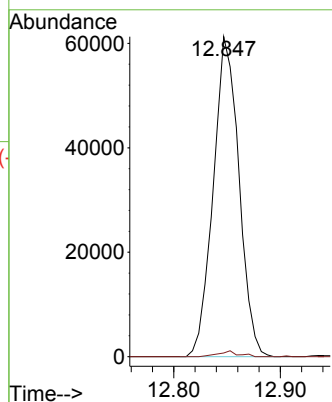
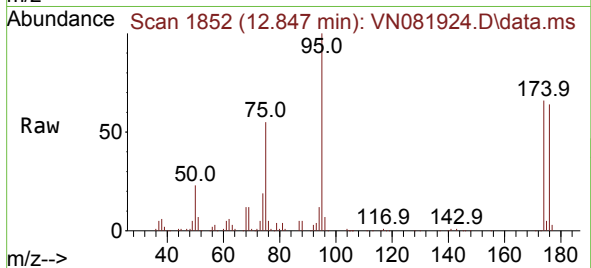




#76
1,2,3-Trichloropropane
Concen: 24.603 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081924.D
Acq: 30 Apr 2024 12:20

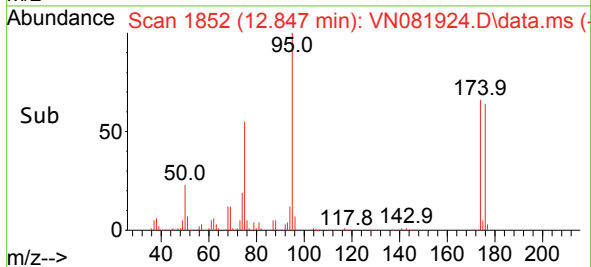
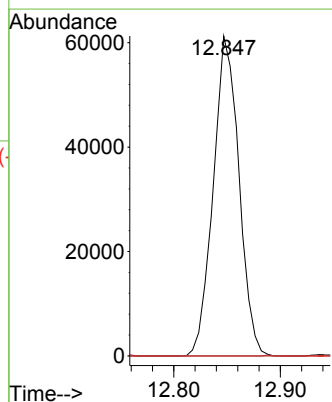
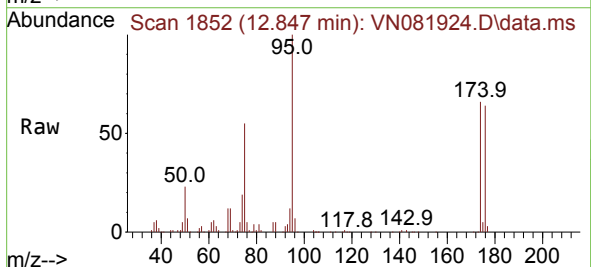
Instrument :
MSVOA_N
ClientSampleId :

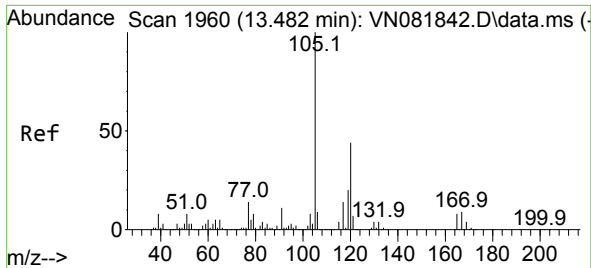
Tgt Ion: 75 Resp: 102609
Ion Ratio Lower Upper
75 100
77 1.4 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.416 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081924.D
Acq: 30 Apr 2024 12:20

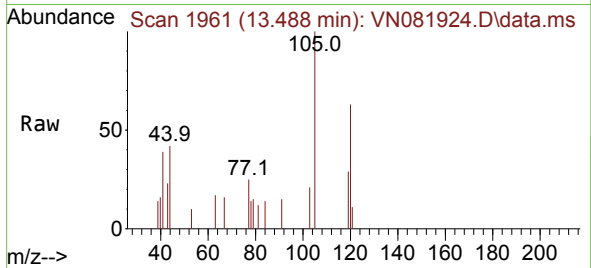
Tgt Ion: 75 Resp: 102609
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.203 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN081924.D
 Acq: 30 Apr 2024 12:20

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:105 Resp: 2453
 Ion Ratio Lower Upper
 105 100
 120 53.3 22.9 68.7

