

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061024\
 Data File : VN082518.D
 Acq On : 10 Jun 2024 16:44
 Operator : JC\MD
 Sample : P2707-07ME
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 11 01:09:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

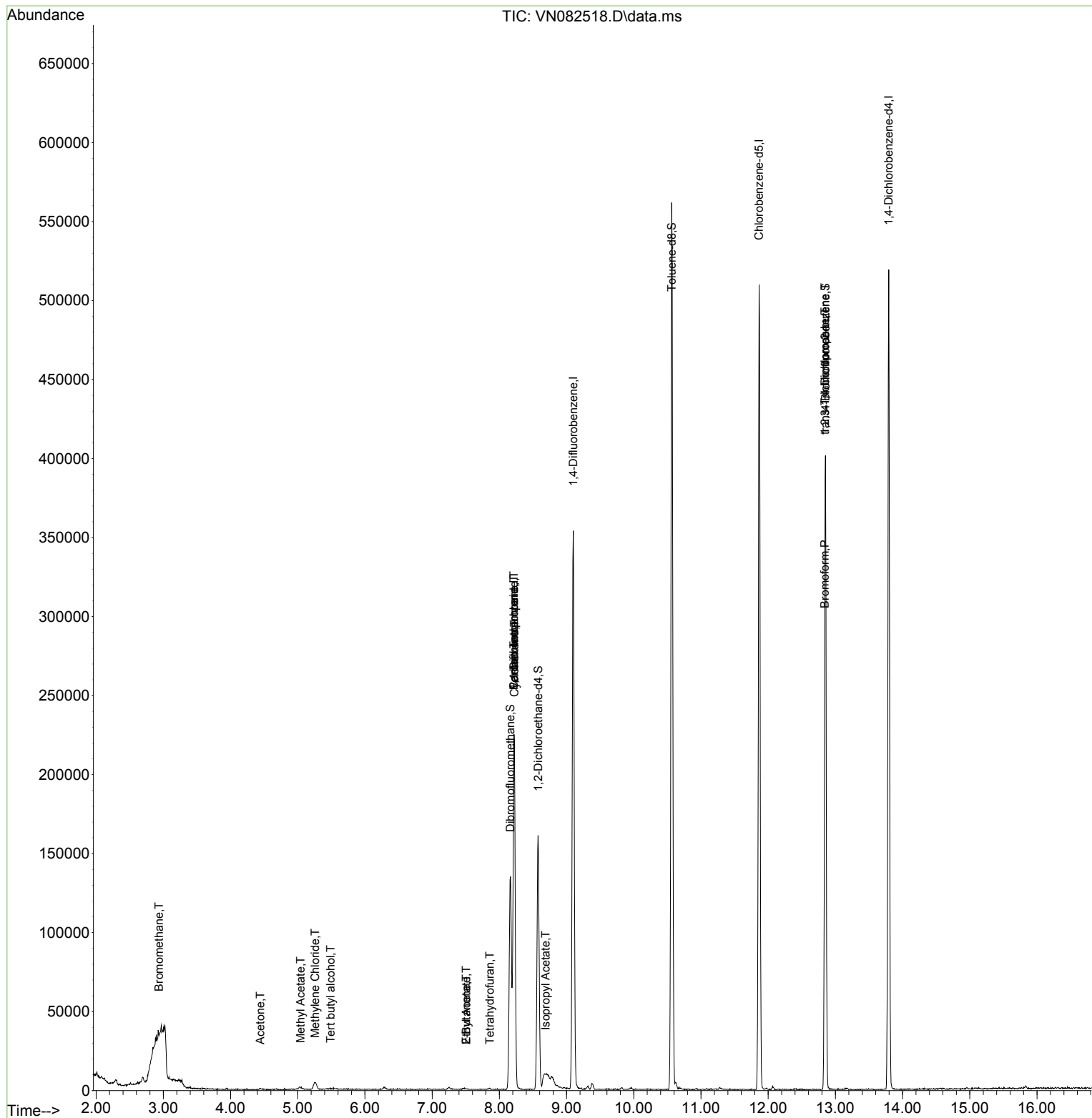
Internal Standards						
1) Pentafluorobenzene	8.218	168	155874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131817	53.556	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.120%	
35) Dibromofluoromethane	8.165	113	95845	55.095	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.180%	
50) Toluene-d8	10.565	98	362914	54.413	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.820%	
62) 4-Bromofluorobenzene	12.853	95	129062	54.215	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 108.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.936	94	393	0.286	ug/l #	3
11) Tert butyl alcohol	5.489	59	80	0.202	ug/l #	71
16) Acetone	4.442	43	1163	1.152	ug/l #	43
18) Methyl Acetate	5.042	43	3217	1.279	ug/l #	69
20) Methylene Chloride	5.259	84	3193	1.567	ug/l #	56
25) 2-Butanone	7.506	43	681	0.445	ug/l #	43
29) Tetrahydrofuran	7.859	42	486	0.494	ug/l #	38
31) Cyclohexane	8.224	56	4295	1.093	ug/l #	54
36) 1,1-Dichloropropene	8.218	75	15101	5.176	ug/l #	47
37) Ethyl Acetate	7.506	43	681	0.209	ug/l #	68
38) Carbon Tetrachloride	8.218	117	17140	5.795	ug/l #	16
43) Isopropyl Acetate	8.688	43	11016	1.904	ug/l #	52
71) Bromoform	12.841	173	840	1.234	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	75881	27.978	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	75881	65.439	ug/l #	12

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

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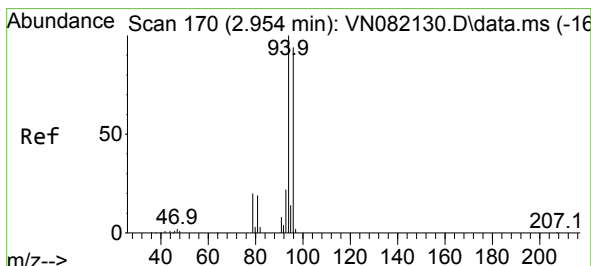
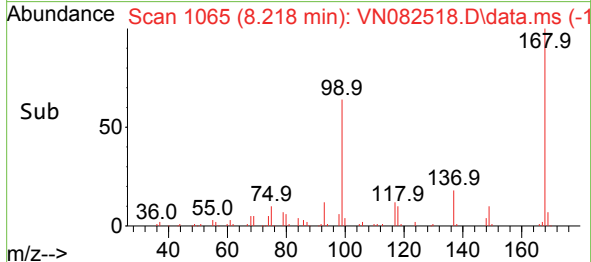
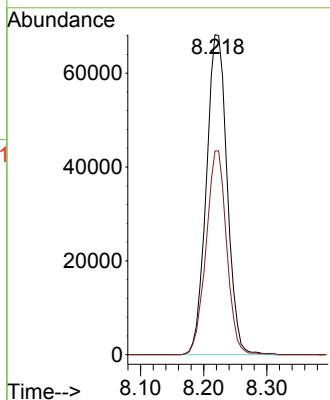
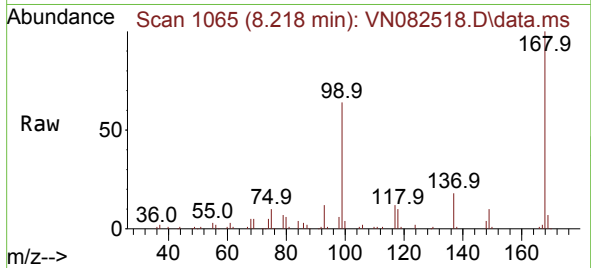




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN082518.D
Acq: 10 Jun 2024 16:44

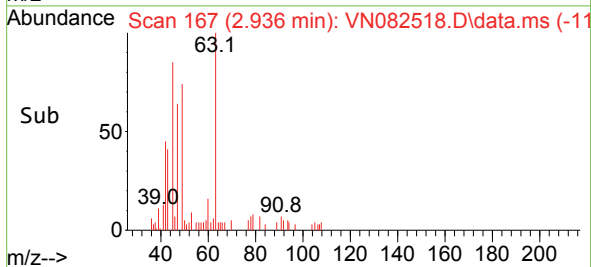
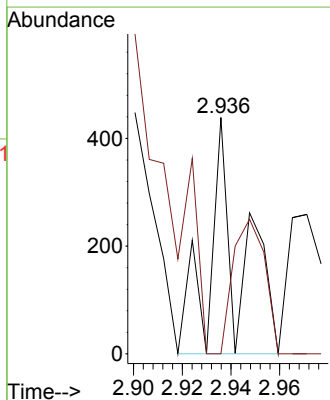
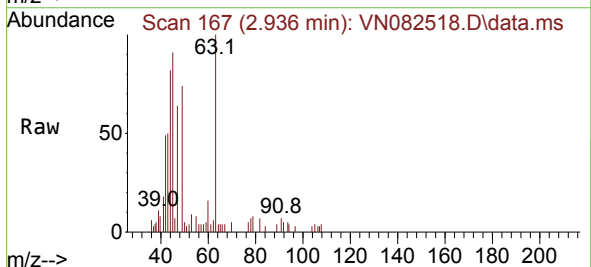
Instrument :
MSVOA_N
ClientSampleId :

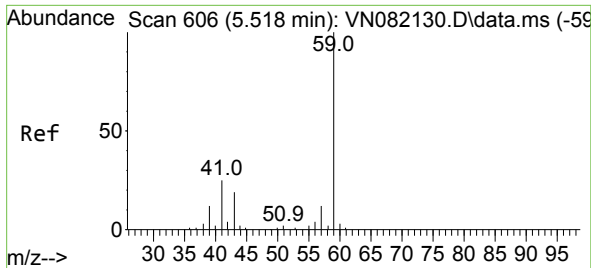
Tgt Ion:168 Resp: 155874
Ion Ratio Lower Upper
168 100
99 63.7 48.2 72.4



#5
Bromomethane
Concen: 0.286 ug/l
RT: 2.936 min Scan# 167
Delta R.T. -0.018 min
Lab File: VN082518.D
Acq: 10 Jun 2024 16:44

Tgt Ion: 94 Resp: 393
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#

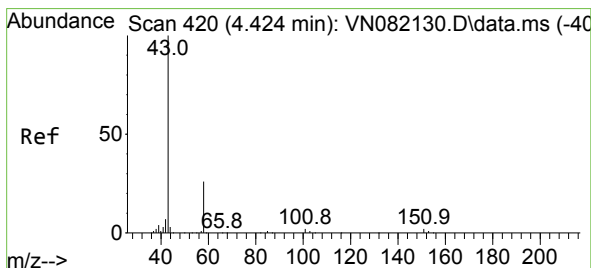
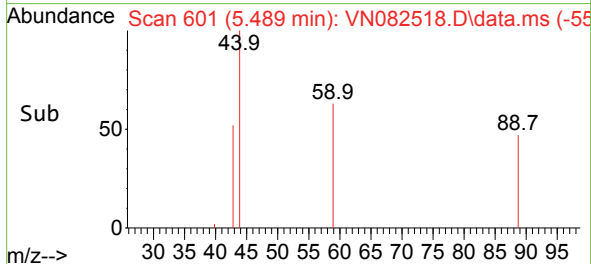
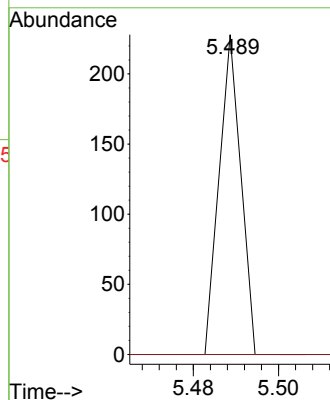
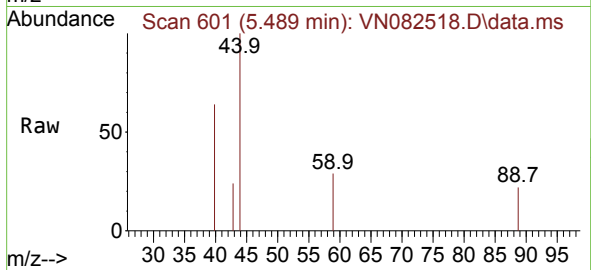




#11
Tert butyl alcohol
Concen: 0.202 ug/l
RT: 5.489 min Scan# 606
Delta R.T. -0.029 min
Lab File: VN082518.D
Acq: 10 Jun 2024 16:44

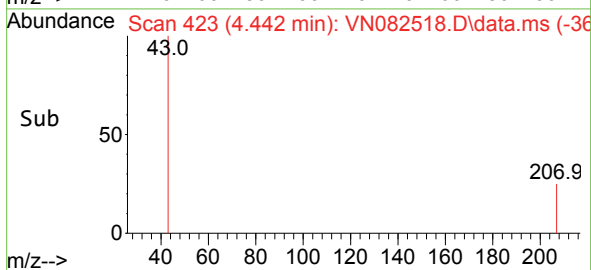
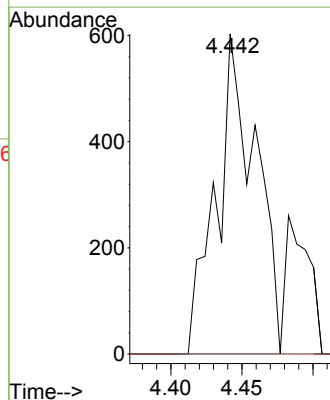
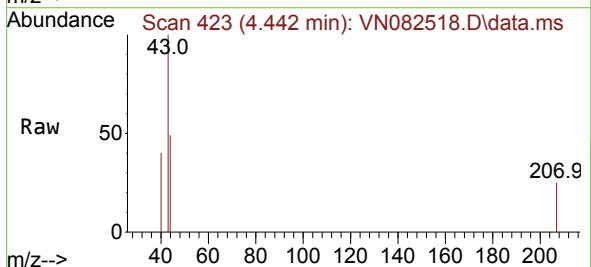
Instrument :
MSVOA_N
ClientSampleId :

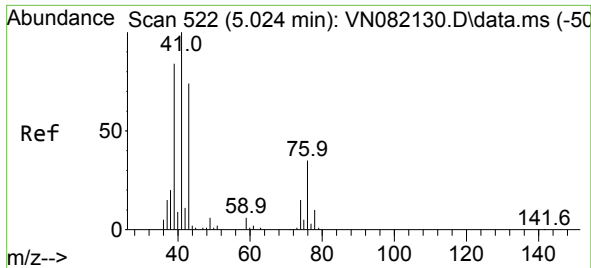
Tgt Ion: 59 Resp: 80
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 1.152 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082518.D
Acq: 10 Jun 2024 16:44

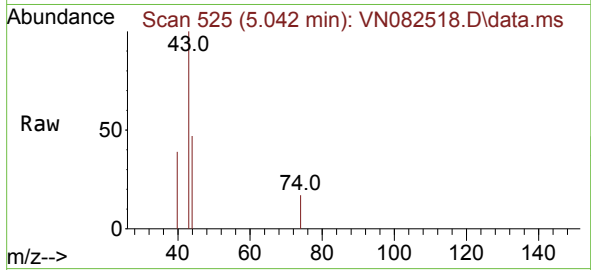
Tgt Ion: 43 Resp: 1163
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



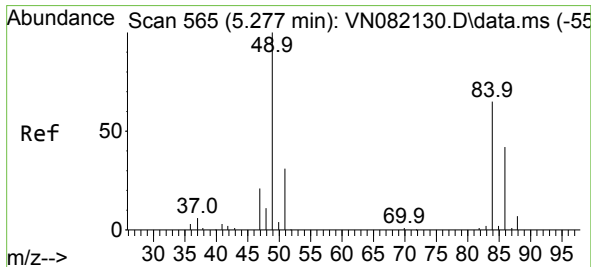
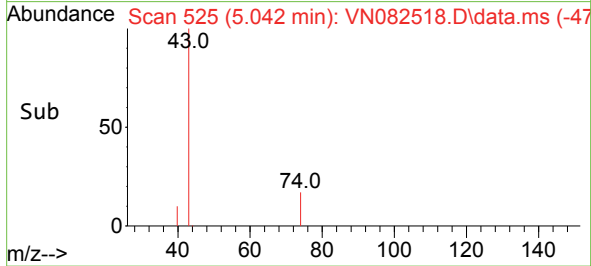
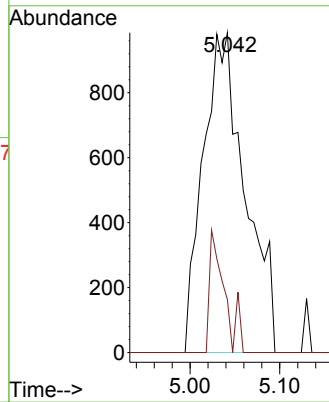


#18
Methyl Acetate
Concen: 1.279 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN082518.D
Acq: 10 Jun 2024 16:44

Instrument :
MSVOA_N
ClientSampleId :

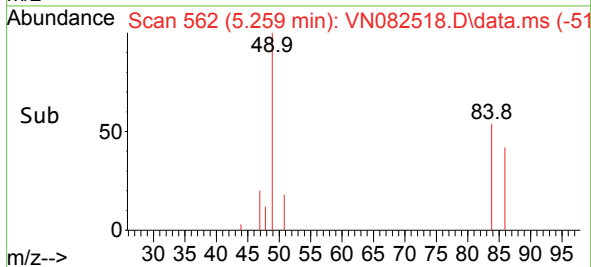
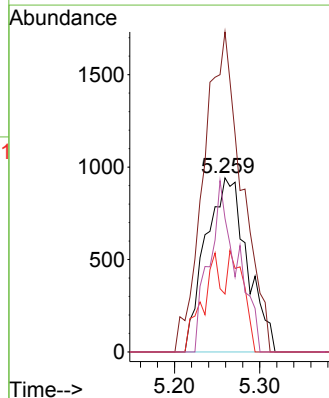
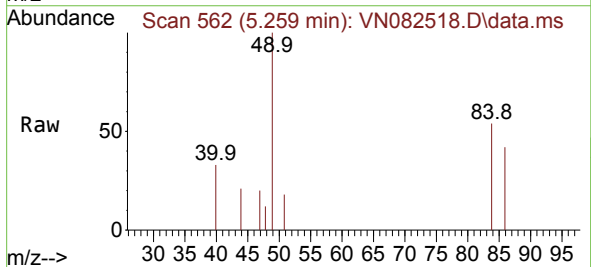


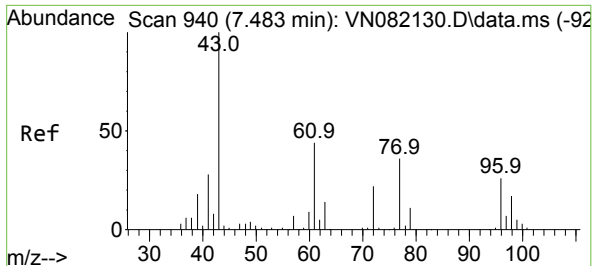
Tgt Ion: 43 Resp: 3217
Ion Ratio Lower Upper
43 100
74 11.5 22.2 33.2#



#20
Methylene Chloride
Concen: 1.567 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.018 min
Lab File: VN082518.D
Acq: 10 Jun 2024 16:44

Tgt Ion: 84 Resp: 3193
Ion Ratio Lower Upper
84 100
49 183.8 84.9 127.3#
51 33.2 27.0 40.6
86 76.8 52.3 78.5

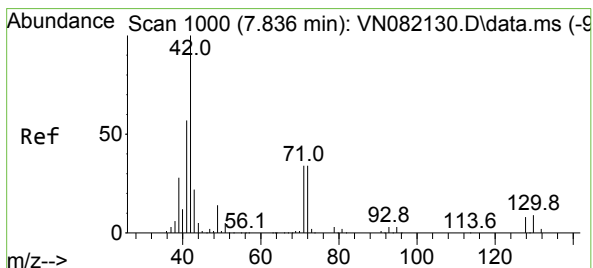
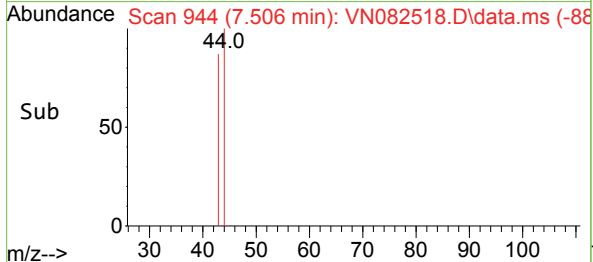
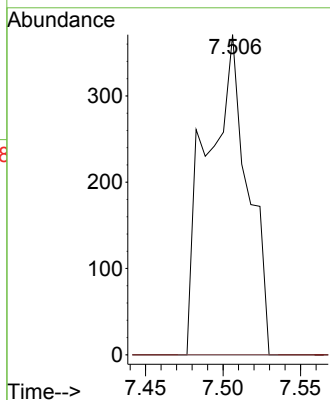
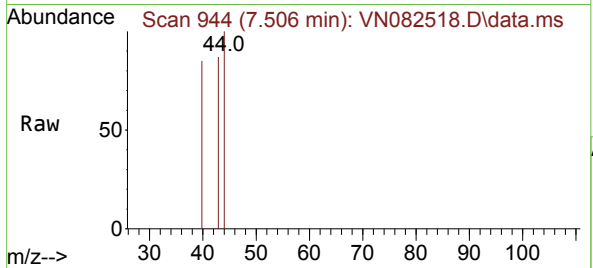




#25
2-Butanone
Concen: 0.445 ug/l
RT: 7.506 min Scan# 94
Delta R.T. 0.024 min
Lab File: VN082518.D
Acq: 10 Jun 2024 16:44

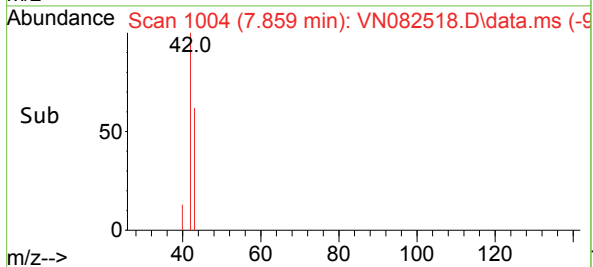
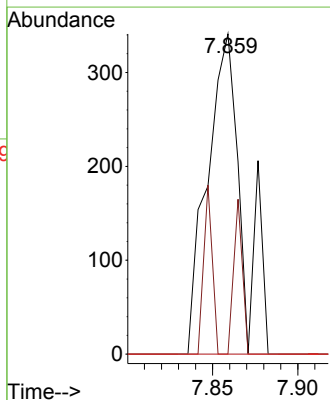
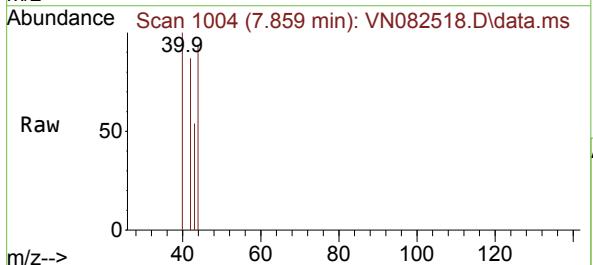
Instrument :
MSVOA_N
ClientSampleId :

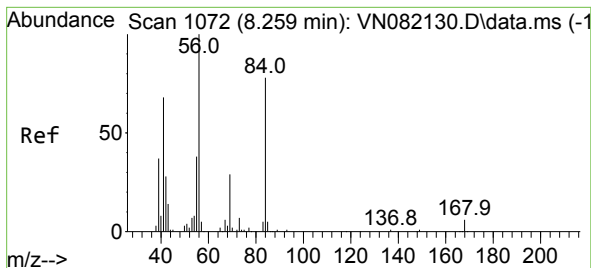
Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#29
Tetrahydrofuran
Concen: 0.494 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.023 min
Lab File: VN082518.D
Acq: 10 Jun 2024 16:44

Tgt Ion: 42 Resp: 486
Ion Ratio Lower Upper
42 100
72 11.9 39.3 58.9#
71 0.0 37.4 56.0#





#31

Cyclohexane

Concen: 1.093 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

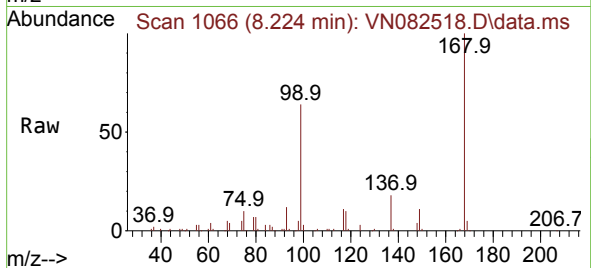
Lab File: VN082518.D

Acq: 10 Jun 2024 16:44

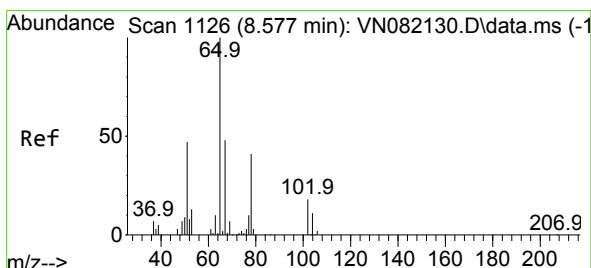
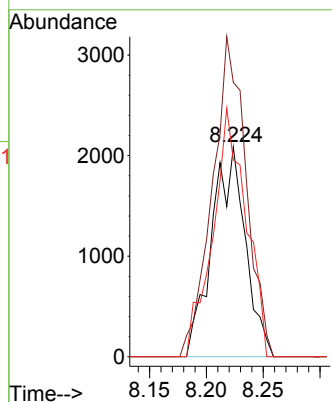
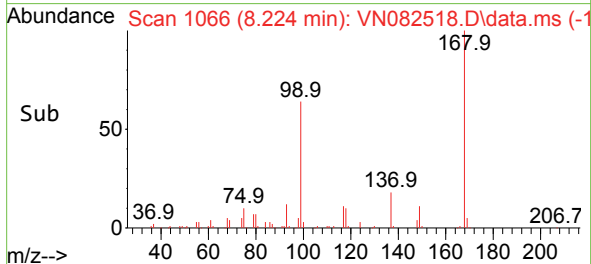
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 56	Resp: 4295
Ion Ratio	Lower Upper
56	100
69	130.8 24.4 36.6#
84	93.9 77.0 115.4



#33

1,2-Dichloroethane-d4

Concen: 53.556 ug/l

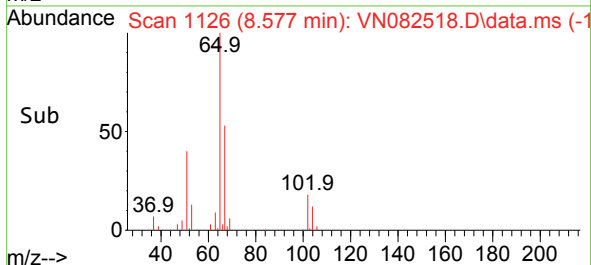
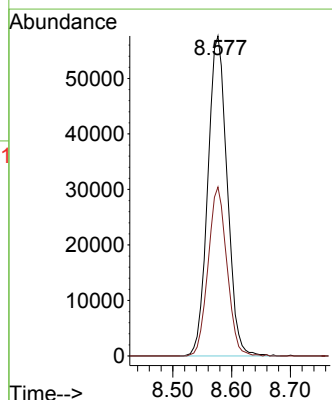
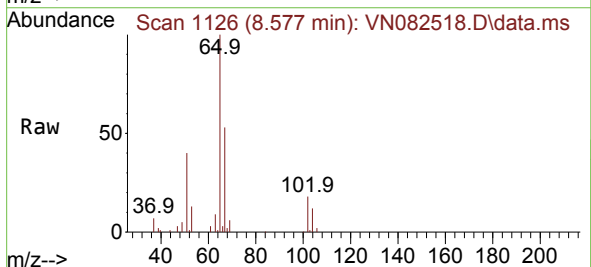
RT: 8.577 min Scan# 1126

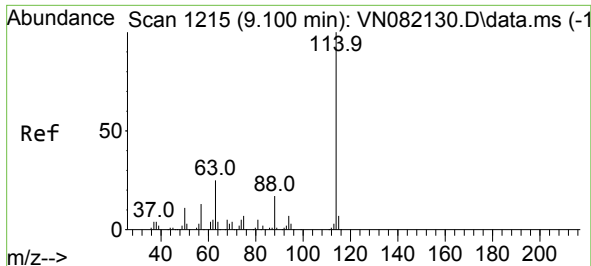
Delta R.T. -0.000 min

Lab File: VN082518.D

Acq: 10 Jun 2024 16:44

Tgt Ion: 65	Resp: 131817
Ion Ratio	Lower Upper
65	100
67	51.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082518.D

Acq: 10 Jun 2024 16:44

Instrument :

MSVOA_N

ClientSampleId :

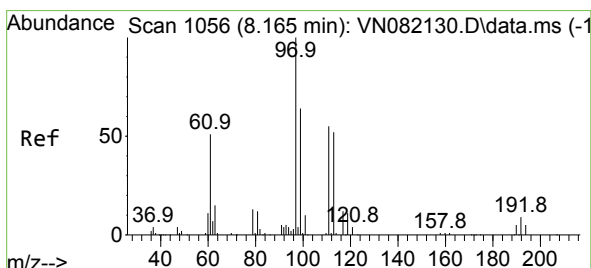
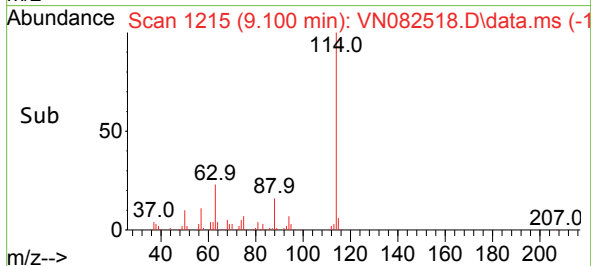
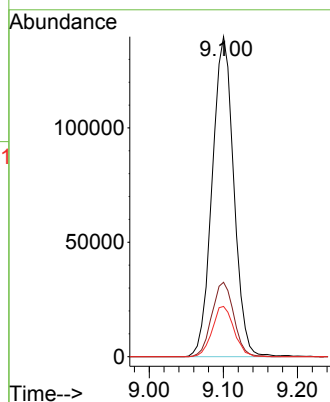
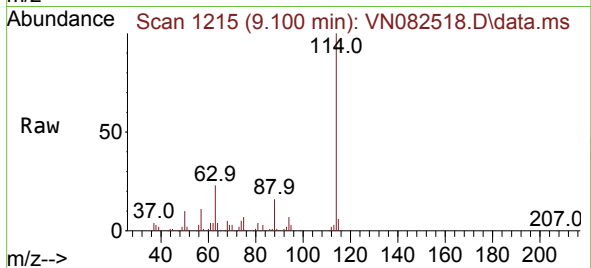
Tgt Ion:114 Resp: 282797

Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.0

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.095 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082518.D

Acq: 10 Jun 2024 16:44

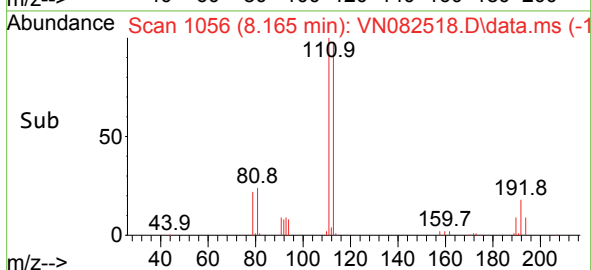
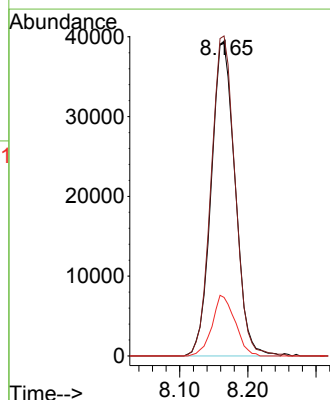
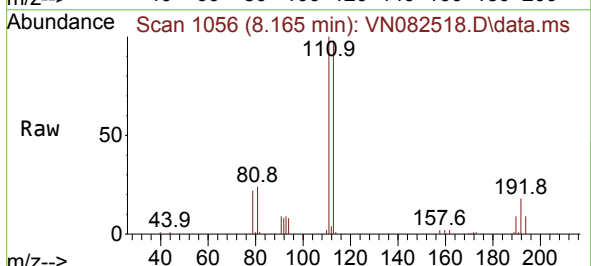
Tgt Ion:113 Resp: 95845

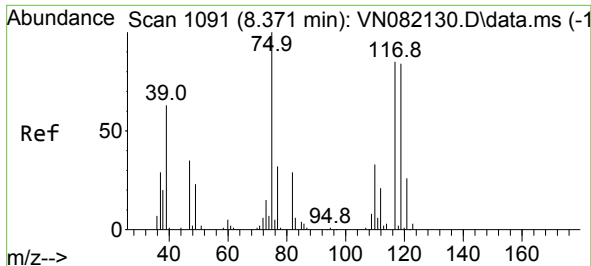
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

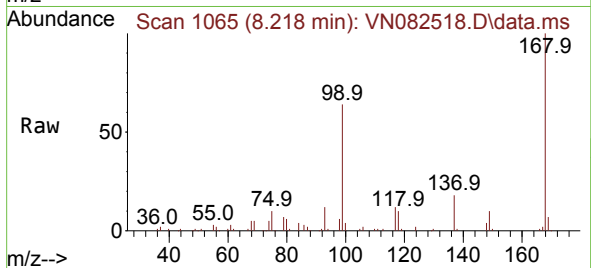
192 18.6 14.0 21.0



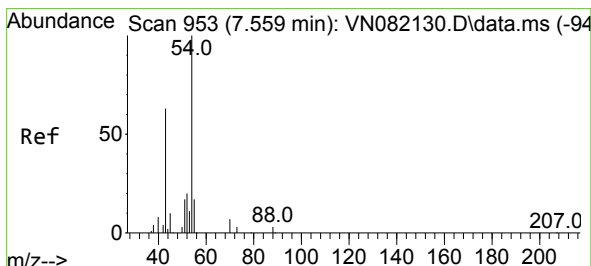
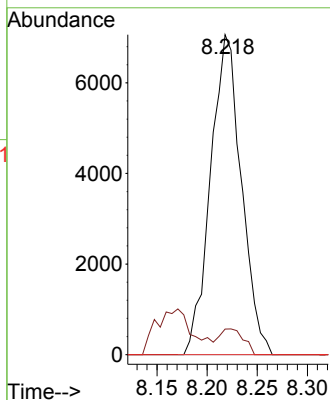
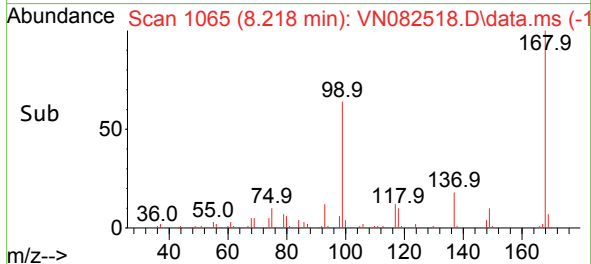


#36
1,1-Dichloropropene
Concen: 5.176 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN082518.D
Acq: 10 Jun 2024 16:44

Instrument :
MSVOA_N
ClientSampleId :

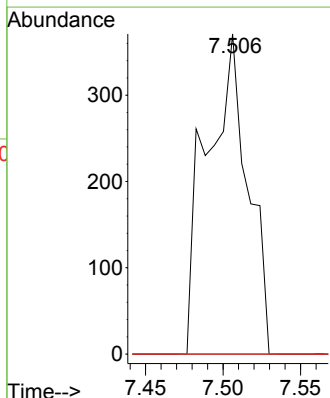
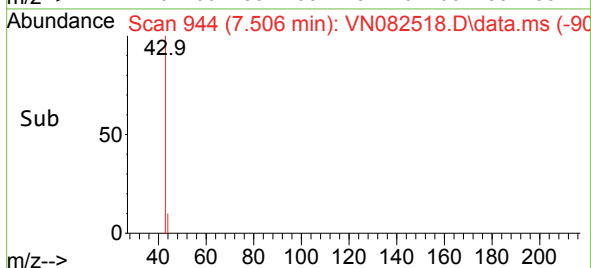
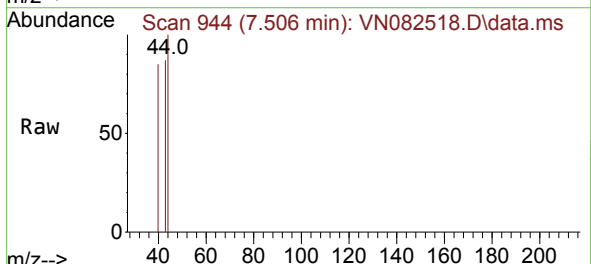


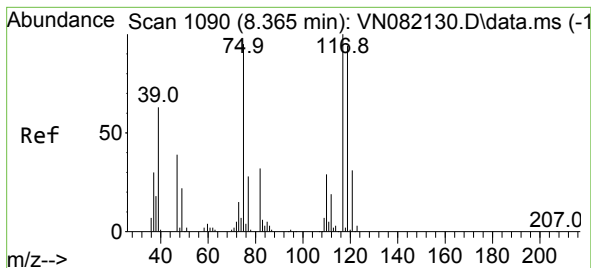
Tgt Ion: 75 Resp: 15101
Ion Ratio Lower Upper
75 100
110 6.3 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.209 ug/l
RT: 7.506 min Scan# 944
Delta R.T. -0.053 min
Lab File: VN082518.D
Acq: 10 Jun 2024 16:44

Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.795 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

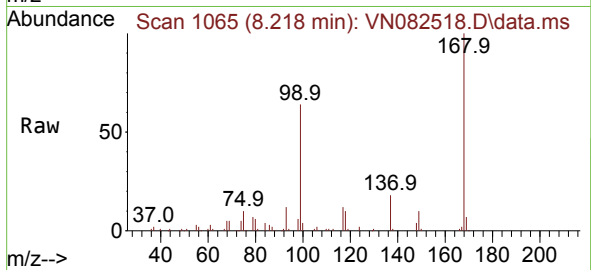
Lab File: VN082518.D

Acq: 10 Jun 2024 16:44

Instrument :

MSVOA_N

ClientSampleId :



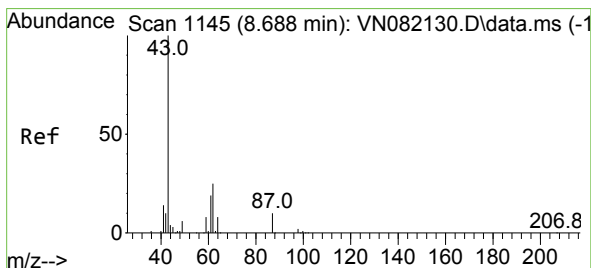
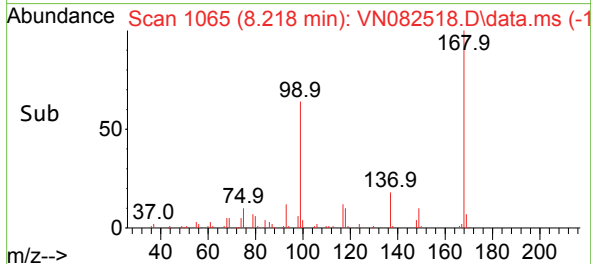
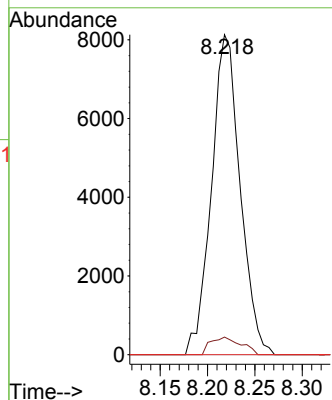
Tgt Ion:117 Resp: 17140

Ion Ratio Lower Upper

117 100

119 5.5 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 1.904 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082518.D

Acq: 10 Jun 2024 16:44

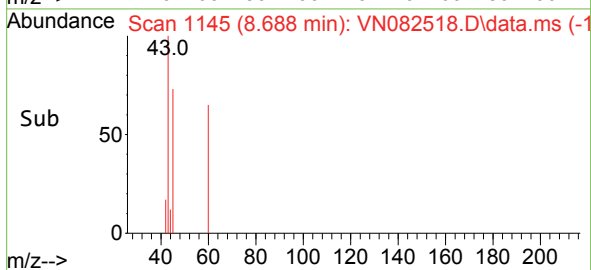
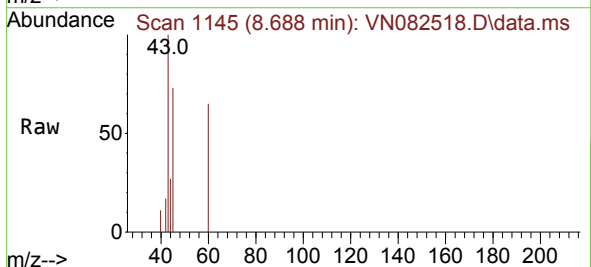
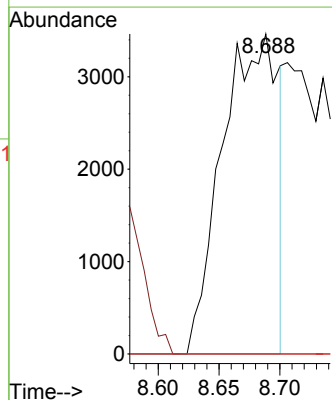
Tgt Ion: 43 Resp: 11016

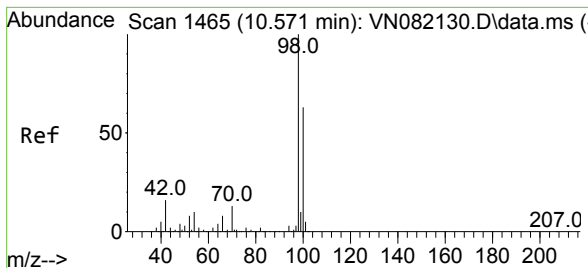
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

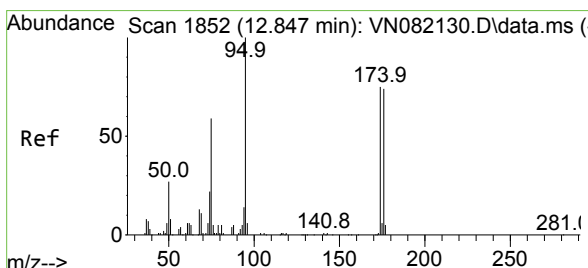
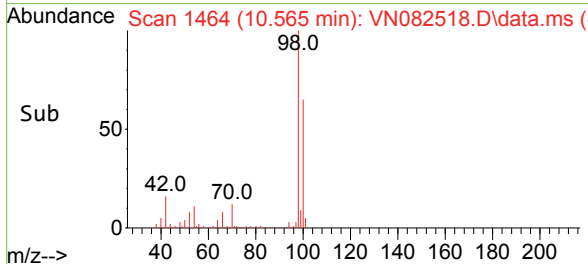
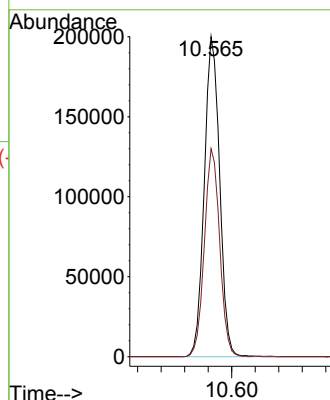
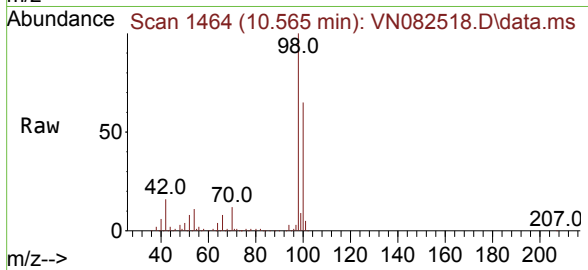




#50
Toluene-d8
Concen: 54.413 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082518.D
Acq: 10 Jun 2024 16:44

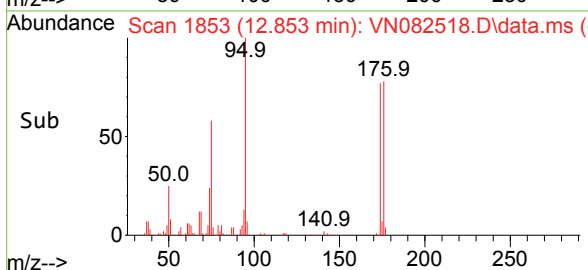
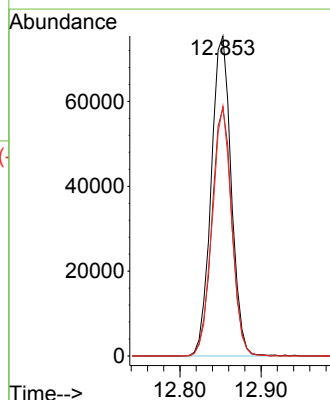
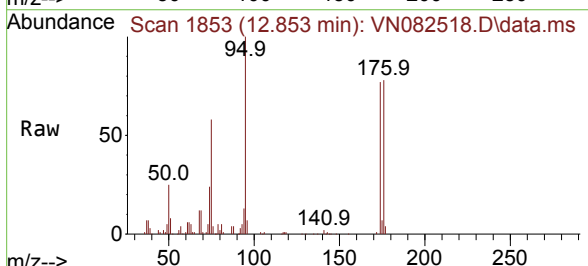
Instrument :
MSVOA_N
ClientSampleId :

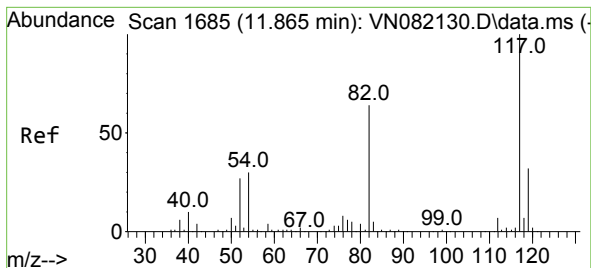
Tgt Ion: 98 Resp: 362914
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.215 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082518.D
Acq: 10 Jun 2024 16:44

Tgt Ion: 95 Resp: 129062
Ion Ratio Lower Upper
95 100
174 77.3 0.0 160.6
176 75.6 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082518.D

Acq: 10 Jun 2024 16:44

Instrument :

MSVOA_N

ClientSampleId :

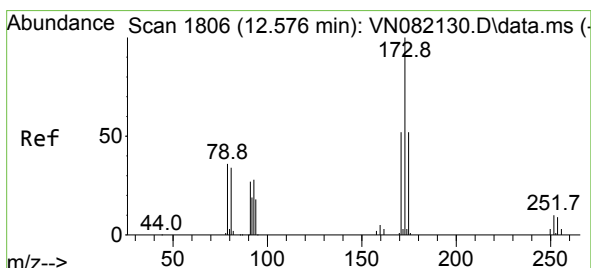
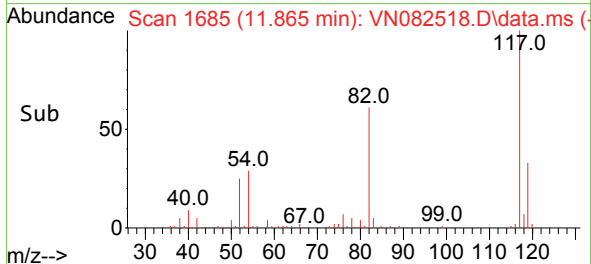
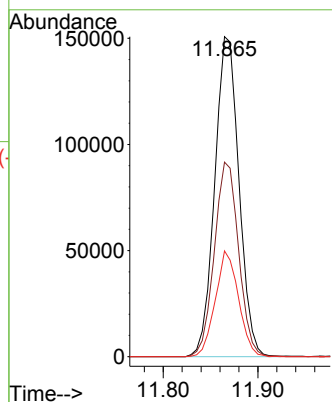
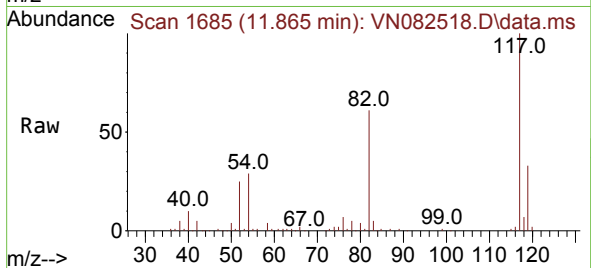
Tgt Ion:117 Resp: 268368

Ion Ratio Lower Upper

117 100

82 60.8 44.6 66.8

119 33.0 25.9 38.9



#71

Bromoform

Concen: 1.234 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. 0.265 min

Lab File: VN082518.D

Acq: 10 Jun 2024 16:44

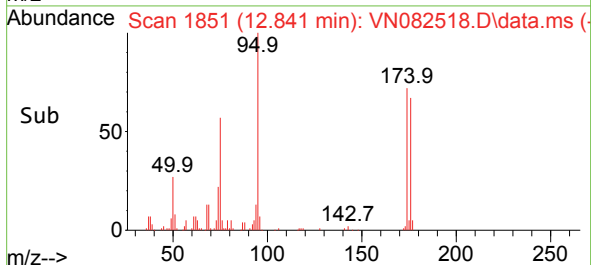
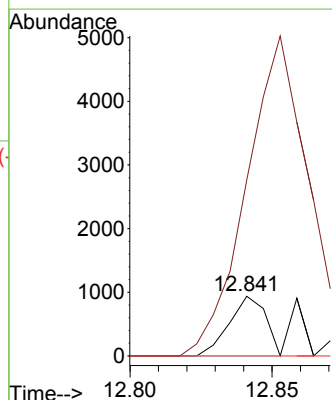
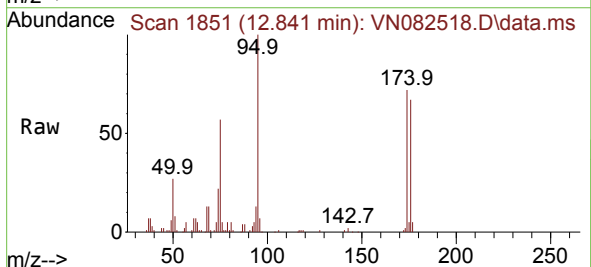
Tgt Ion:173 Resp: 840

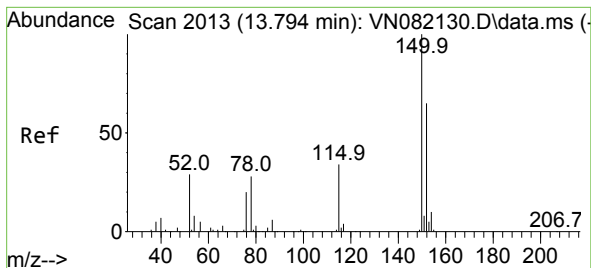
Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

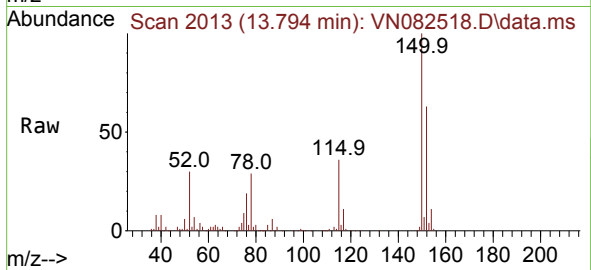
Lab File: VN082518.D

Acq: 10 Jun 2024 16:44

Instrument :

MSVOA_N

ClientSampleId :



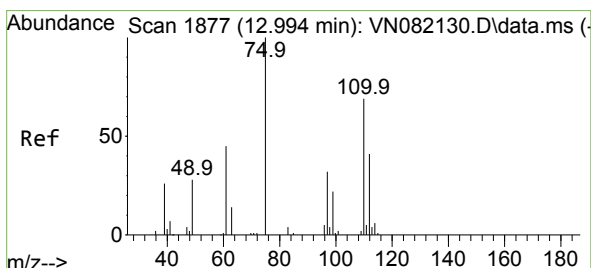
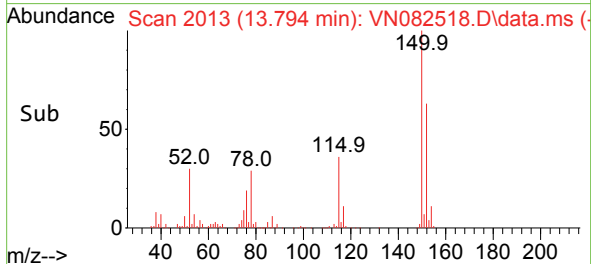
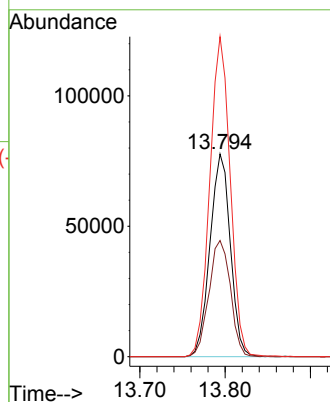
Tgt Ion:152 Resp: 128859

Ion Ratio Lower Upper

152 100

115 60.6 30.4 91.3

150 158.4 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 27.978 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082518.D

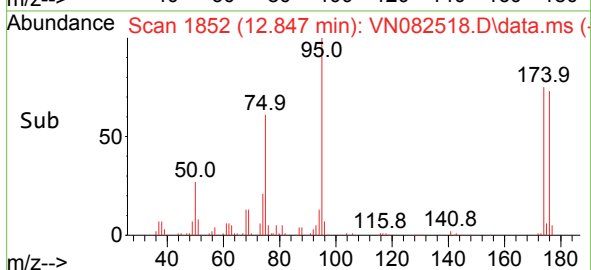
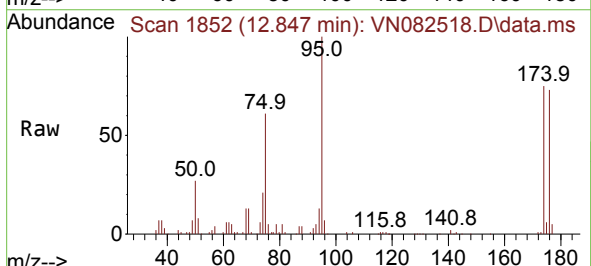
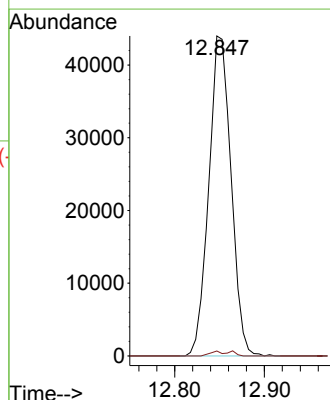
Acq: 10 Jun 2024 16:44

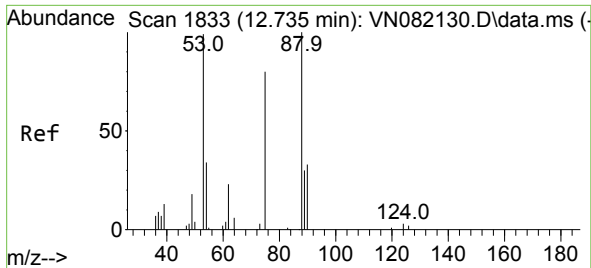
Tgt Ion: 75 Resp: 75881

Ion Ratio Lower Upper

75 100

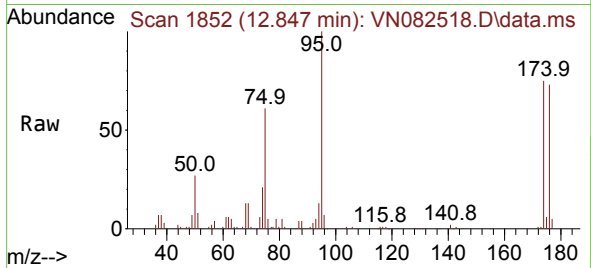
77 1.4 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.439 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082518.D
 Acq: 10 Jun 2024 16:44

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 75881
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

