

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082875.D
 Acq On : 11 Jul 2024 14:43
 Operator : JC\MD
 Sample : P3219-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 12 01:07:12 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	8.224	168	121150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	227723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94539	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	87719	51.652	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.300%
35) Dibromofluoromethane	8.165	113	72702	49.754	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.500%
50) Toluene-d8	10.571	98	260827	48.328	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.660%
62) 4-Bromofluorobenzene	12.847	95	87195	44.977	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.960%

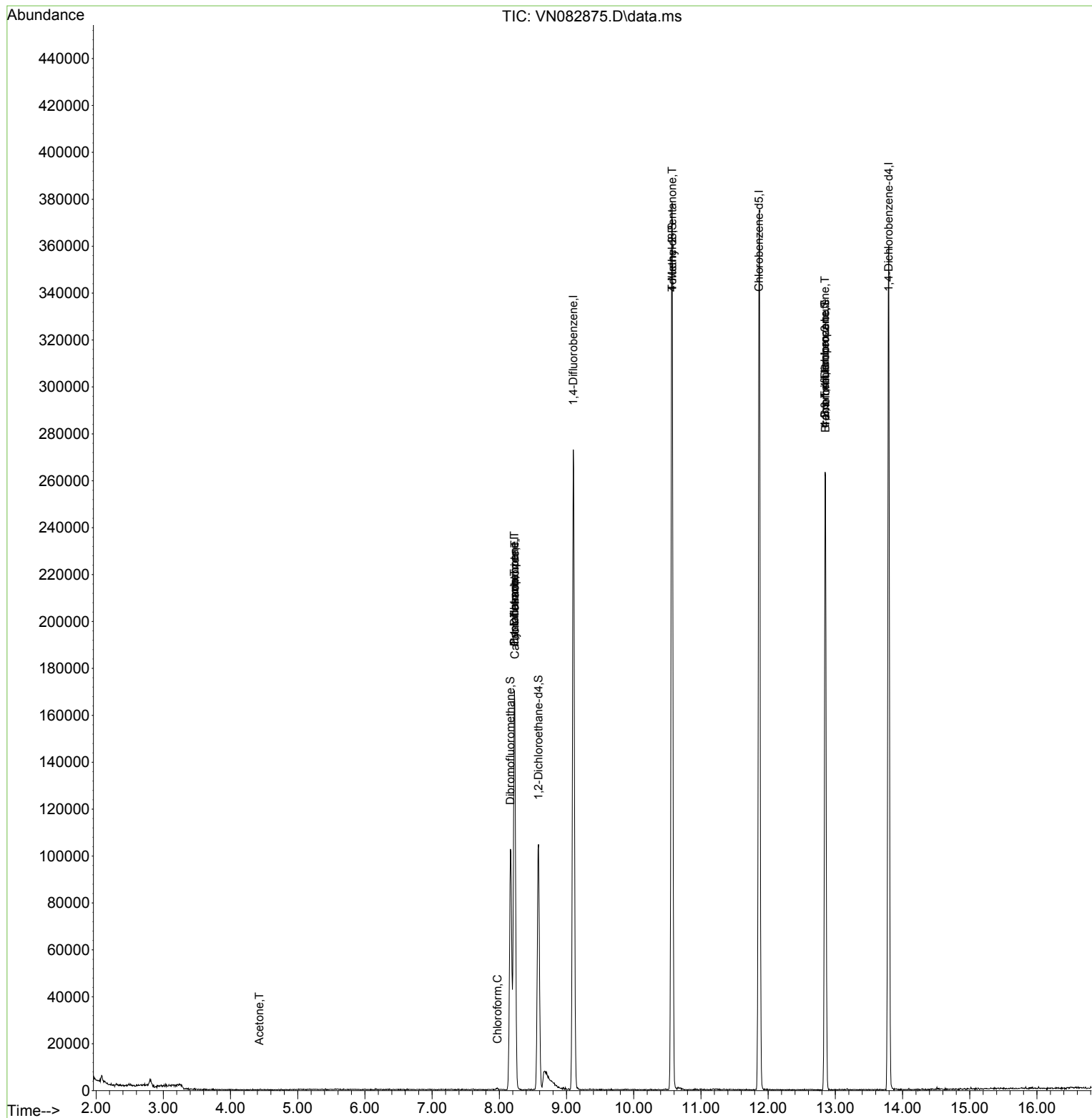
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.430	43	131	0.219	ug/l #	48
30) Chloroform	7.971	83	632	0.243	ug/l #	83
31) Cyclohexane	8.224	56	2836	1.277	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	10253	5.089	ug/l #	51
38) Carbon Tetrachloride	8.230	117	13182	5.434	ug/l #	17
43) Isopropyl Acetate	8.671	43	7513	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1336	0.657	ug/l #	1
71) Bromoform	12.853	173	424	0.330	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	49736	30.515	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	49736	60.013	ug/l #	6

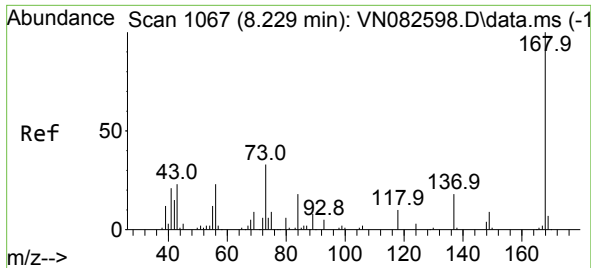
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
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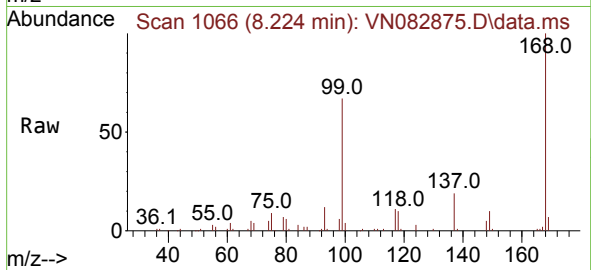
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



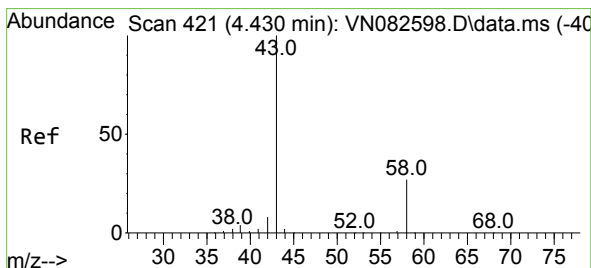
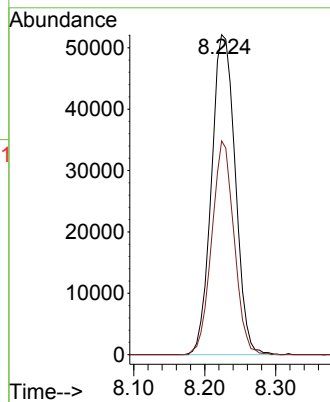
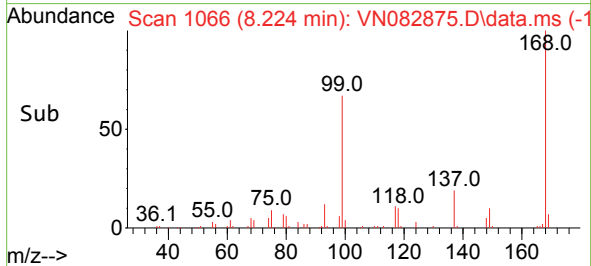


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082875.D
Acq: 11 Jul 2024 14:43

Instrument :
MSVOA_N
ClientSampleId :

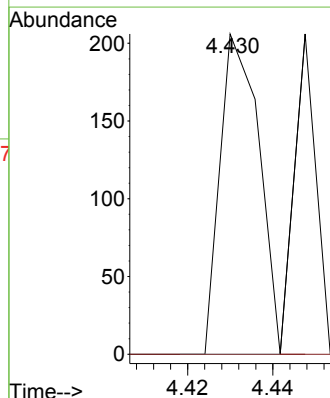
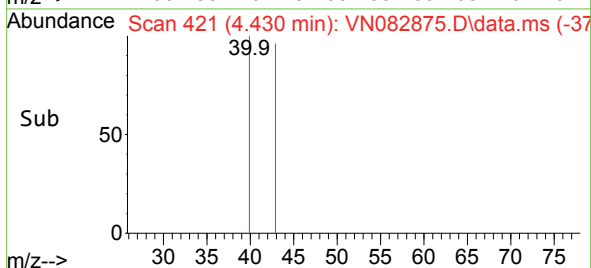
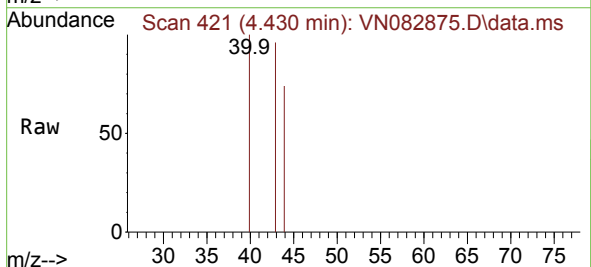


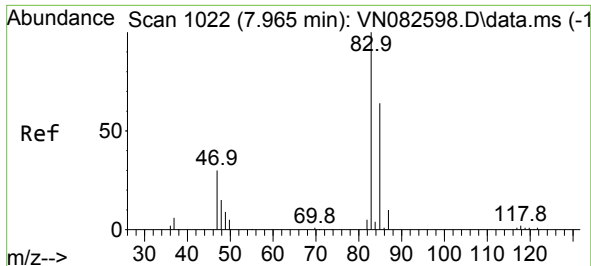
Tgt Ion:168 Resp: 121150
Ion Ratio Lower Upper
168 100
99 66.8 48.2 72.4



#16
Acetone
Concen: 0.219 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082875.D
Acq: 11 Jul 2024 14:43

Tgt Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#





#30

Chloroform

Concen: 0.243 ug/l

RT: 7.971 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN082875.D

Acq: 11 Jul 2024 14:43

Instrument :

MSVOA_N

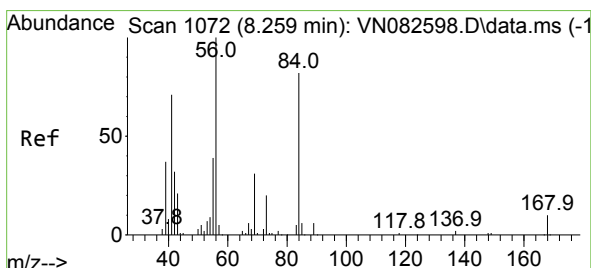
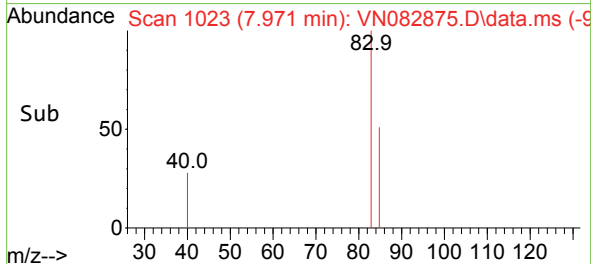
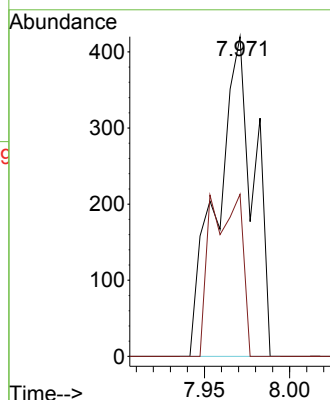
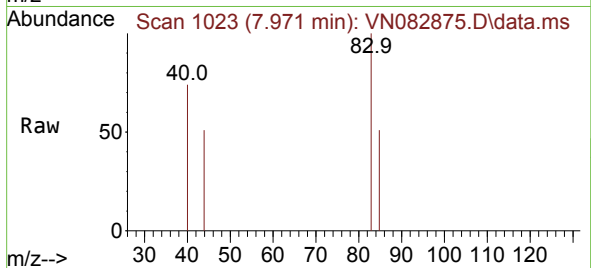
ClientSampleId :

Tgt Ion: 83 Resp: 632

Ion Ratio Lower Upper

83 100

85 50.7 50.9 76.3#



#31

Cyclohexane

Concen: 1.277 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN082875.D

Acq: 11 Jul 2024 14:43

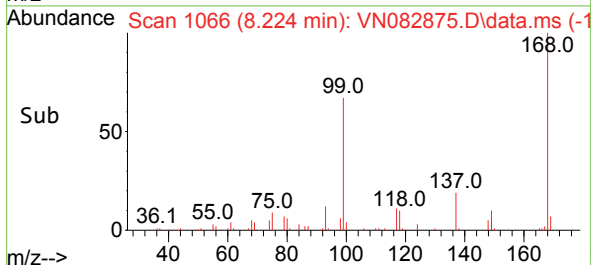
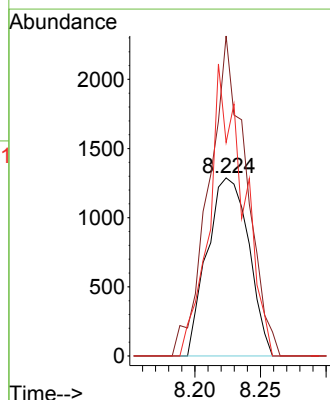
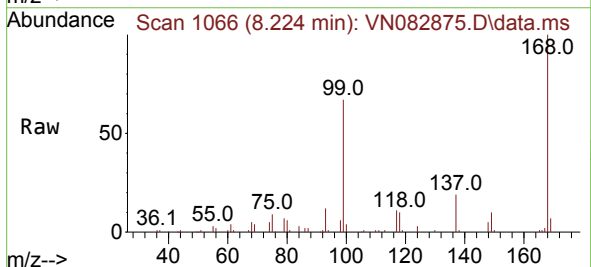
Tgt Ion: 56 Resp: 2836

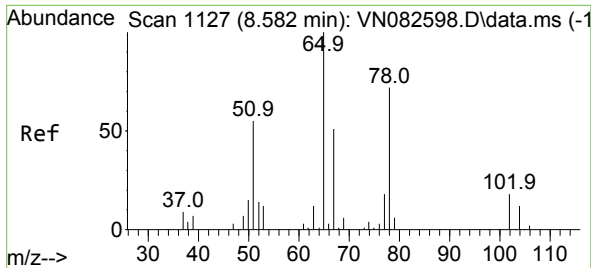
Ion Ratio Lower Upper

56 100

69 179.7 24.5 36.7#

84 119.9 66.0 99.0#

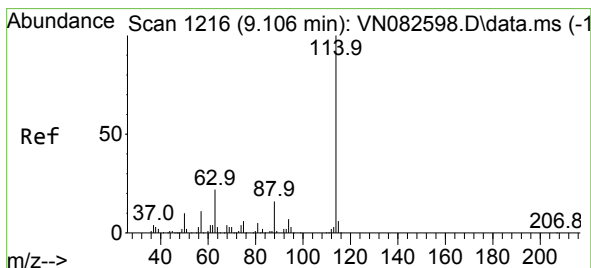
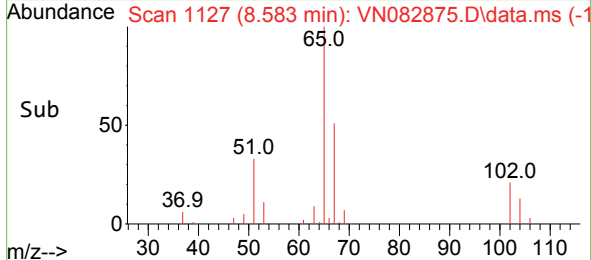
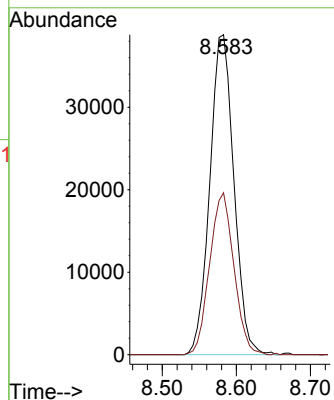
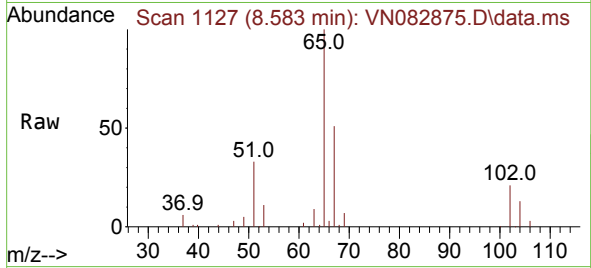




#33
 1,2-Dichloroethane-d4
 Concen: 51.652 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.001 min
 Lab File: VN082875.D
 Acq: 11 Jul 2024 14:43

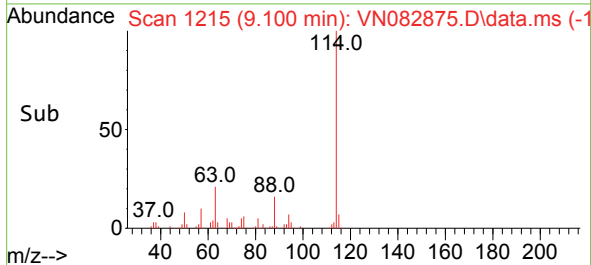
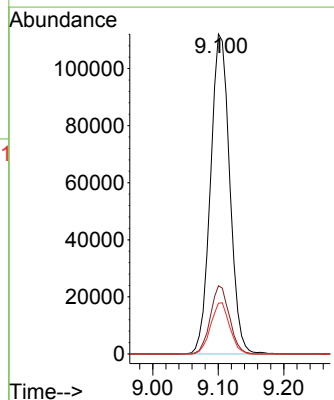
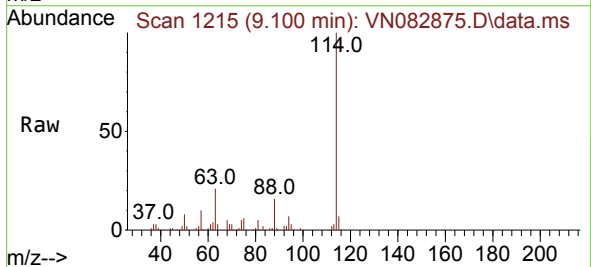
Instrument :
 MSVOA_N
 ClientSampleId :

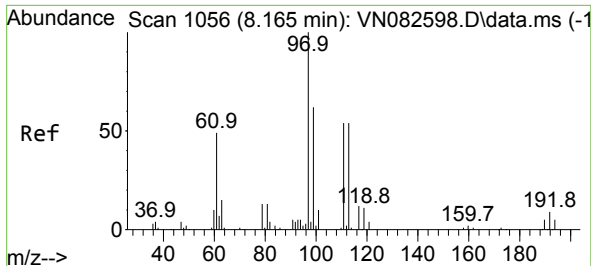
Tgt Ion: 65 Resp: 87719
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN082875.D
 Acq: 11 Jul 2024 14:43

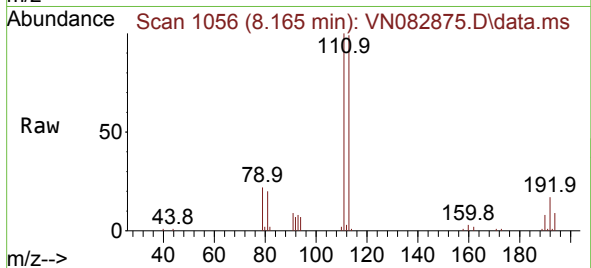
Tgt Ion: 114 Resp: 227723
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 44.6
 88 15.9 0.0 31.4



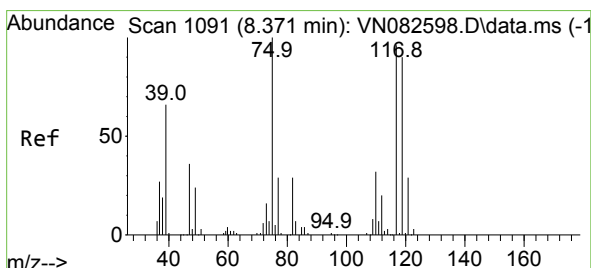
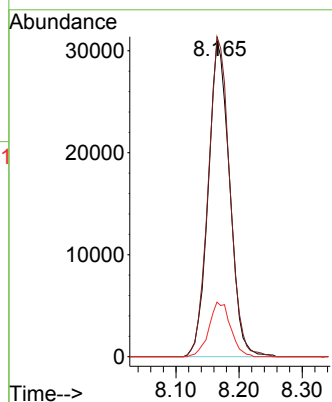
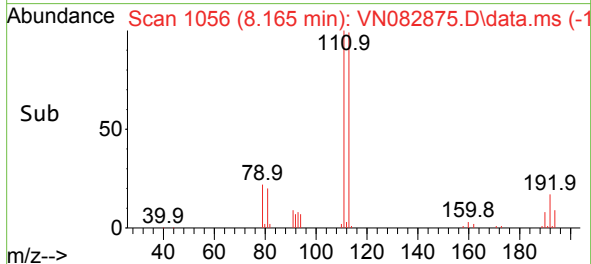


#35
Dibromofluoromethane
Concen: 49.754 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082875.D
Acq: 11 Jul 2024 14:43

Instrument :
MSVOA_N
ClientSampleId :

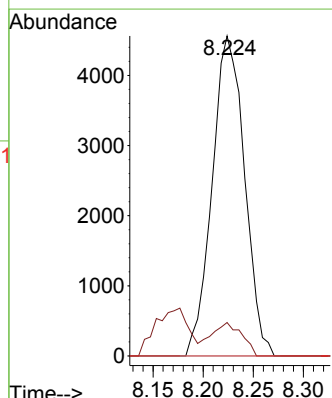
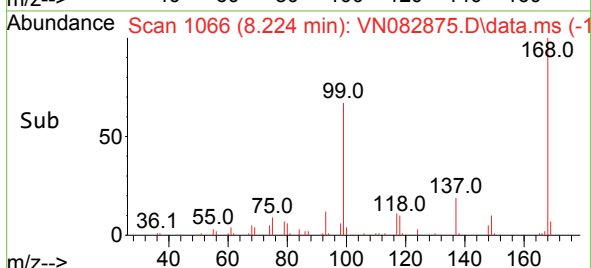
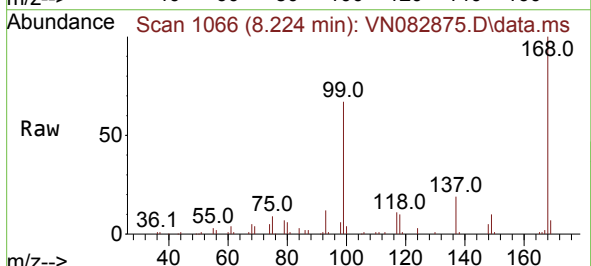


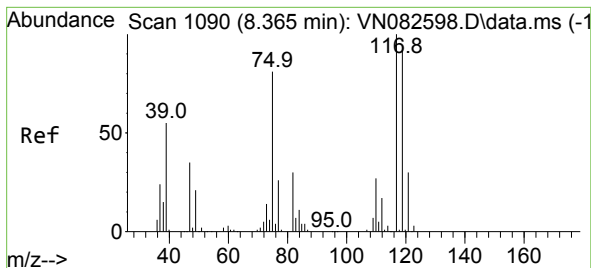
Tgt Ion:113 Resp: 72702
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 17.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.089 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082875.D
Acq: 11 Jul 2024 14:43

Tgt Ion: 75 Resp: 10253
Ion Ratio Lower Upper
75 100
110 9.2 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.434 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.135 min

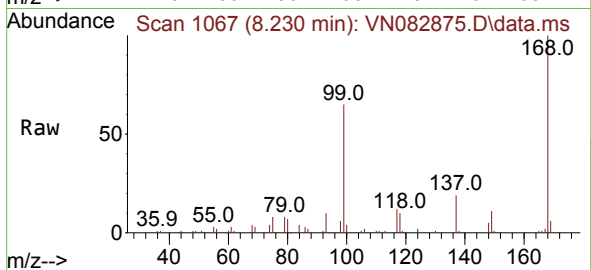
Lab File: VN082875.D

Acq: 11 Jul 2024 14:43

Instrument :

MSVOA_N

ClientSampleId :



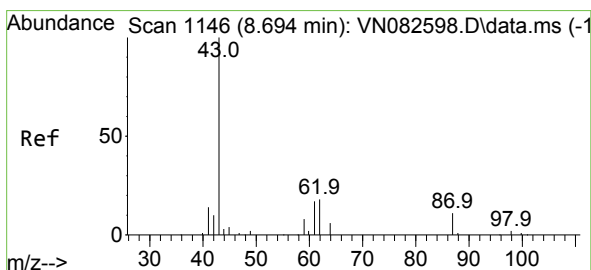
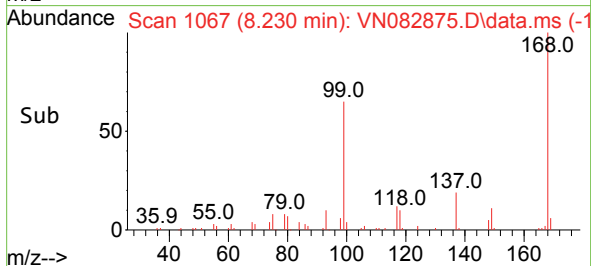
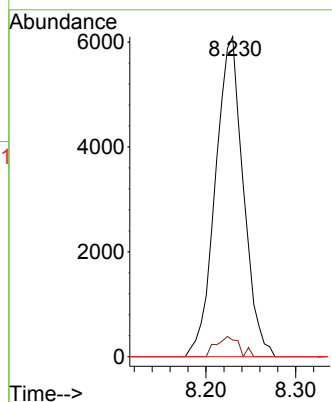
Tgt Ion:117 Resp: 13182

Ion Ratio Lower Upper

117 100

119 5.2 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.671 min Scan# 1142

Delta R.T. -0.023 min

Lab File: VN082875.D

Acq: 11 Jul 2024 14:43

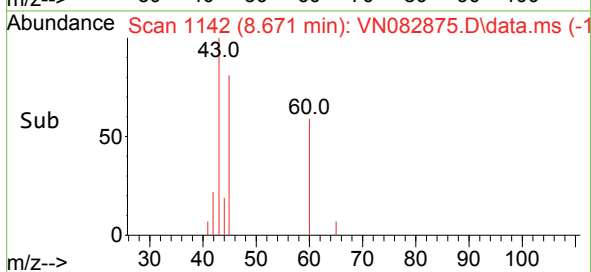
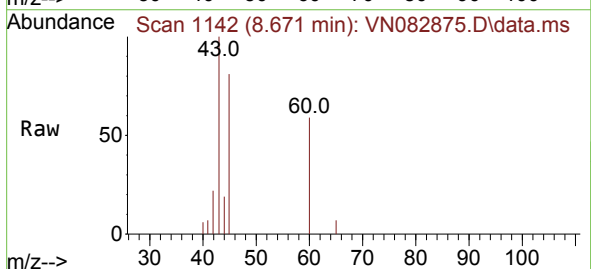
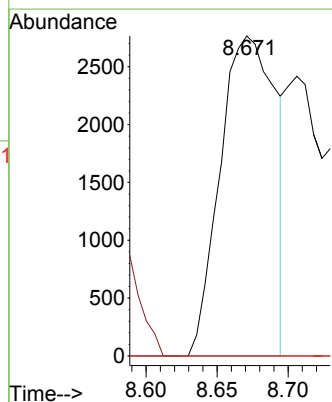
Tgt Ion: 43 Resp: 7513

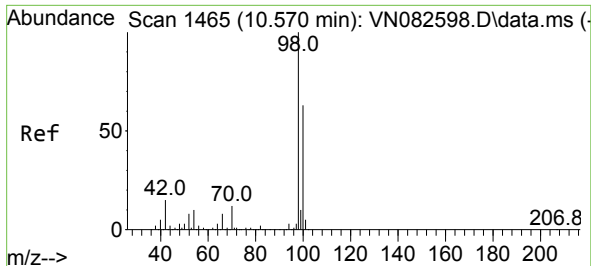
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

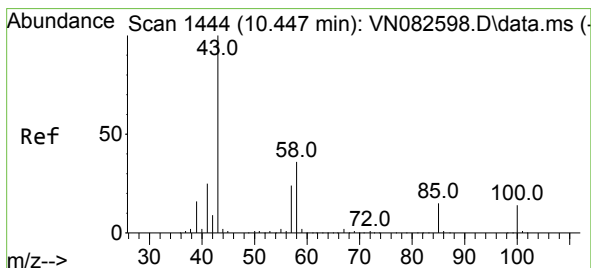
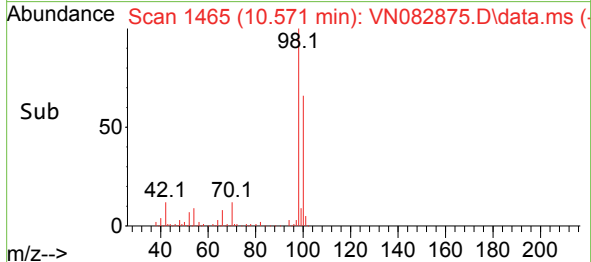
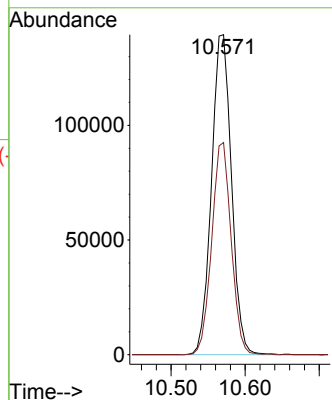
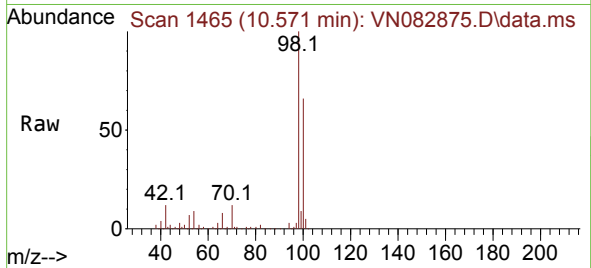




#50
Toluene-d8
Concen: 48.328 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082875.D
Acq: 11 Jul 2024 14:43

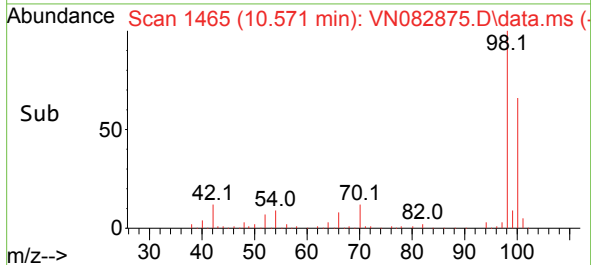
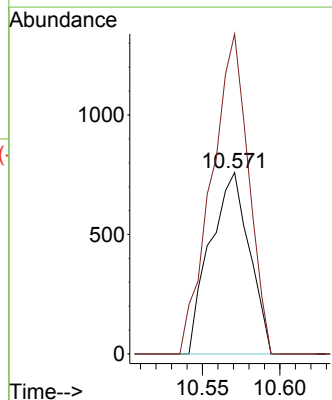
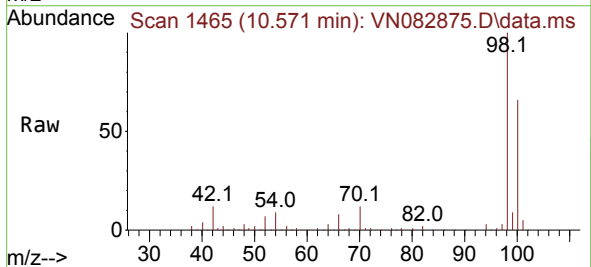
Instrument :
MSVOA_N
ClientSampleId :

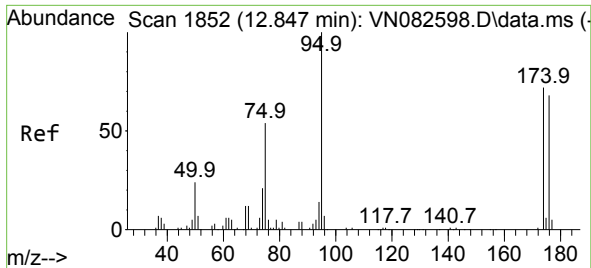
Tgt Ion: 98 Resp: 260827
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.657 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082875.D
Acq: 11 Jul 2024 14:43

Tgt Ion: 43 Resp: 1336
Ion Ratio Lower Upper
43 100
58 166.6 28.2 42.4#

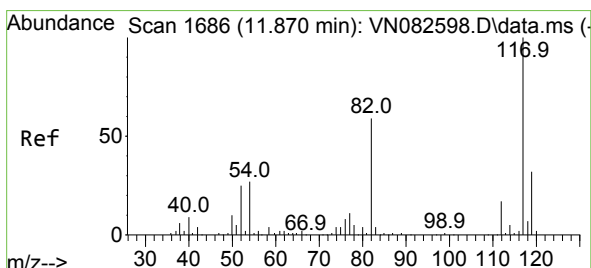
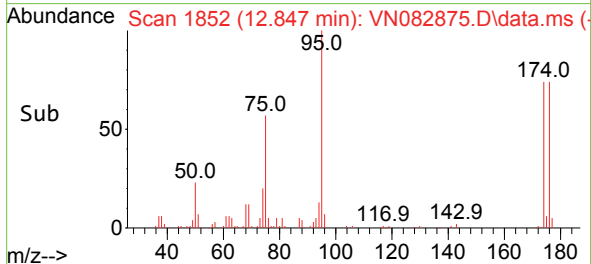
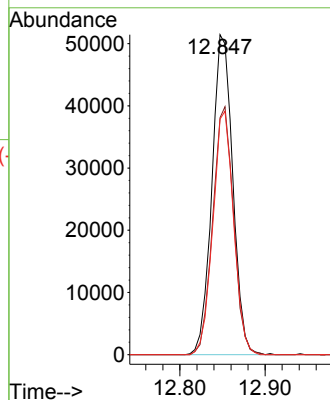
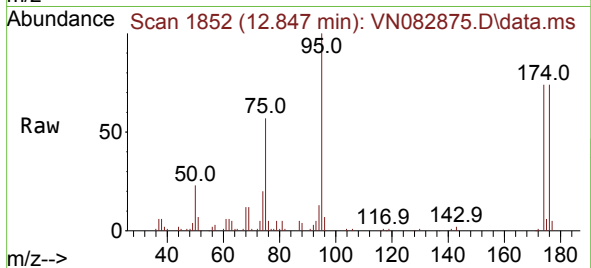




#62
4-Bromofluorobenzene
Concen: 44.977 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082875.D
Acq: 11 Jul 2024 14:43

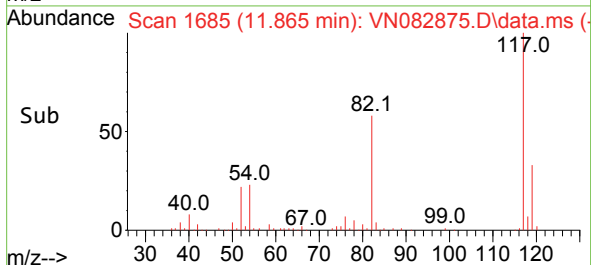
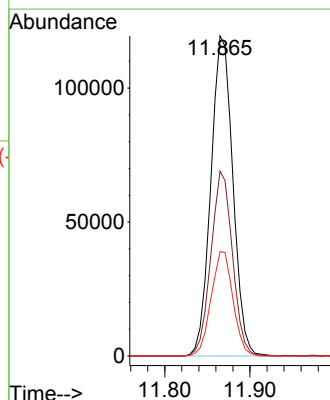
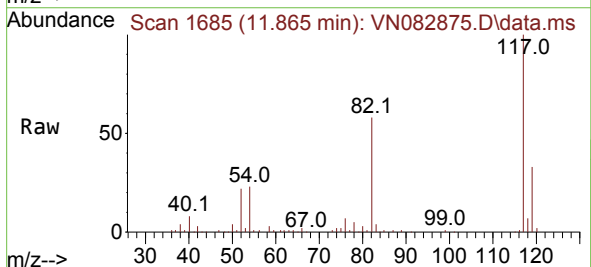
Instrument :
MSVOA_N
ClientSampleId :

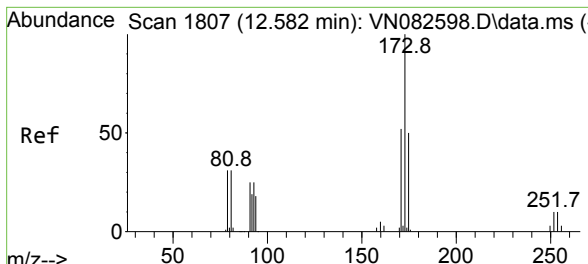
Tgt Ion: 95 Resp: 87195
Ion Ratio Lower Upper
95 100
174 77.4 0.0 159.2
176 75.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082875.D
Acq: 11 Jul 2024 14:43

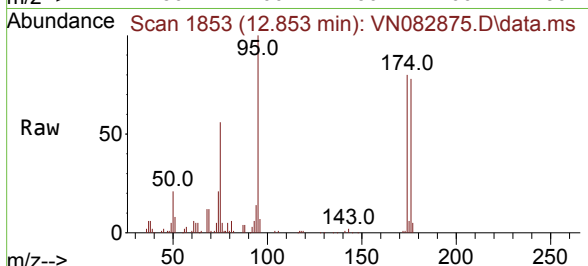
Tgt Ion: 117 Resp: 214651
Ion Ratio Lower Upper
117 100
82 57.7 47.5 71.3
119 32.6 25.6 38.4



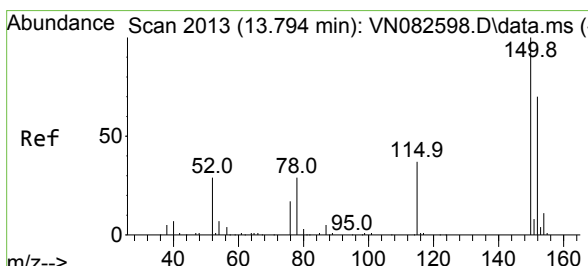
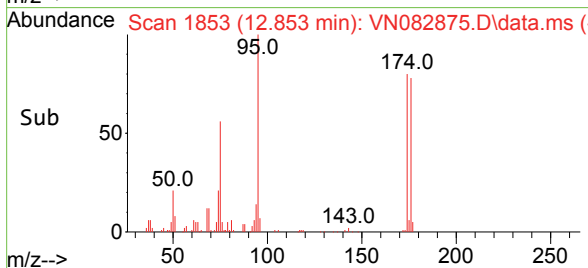
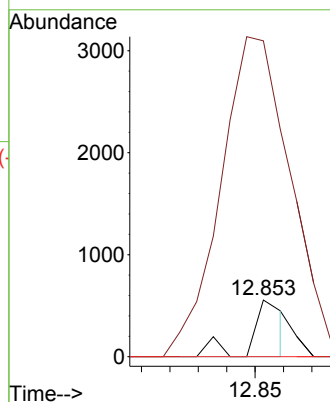


#71
Bromoform
Concen: 0.330 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN082875.D
Acq: 11 Jul 2024 14:43

Instrument :
MSVOA_N
ClientSampleId :

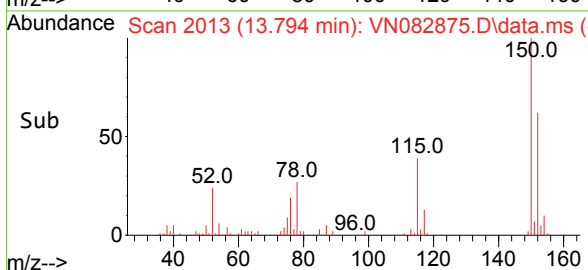
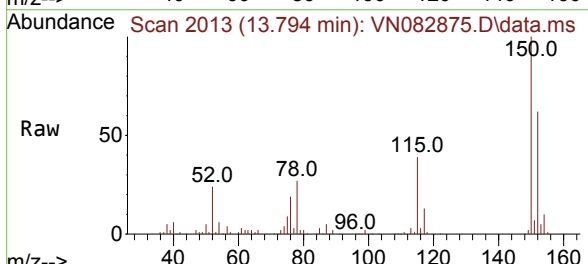
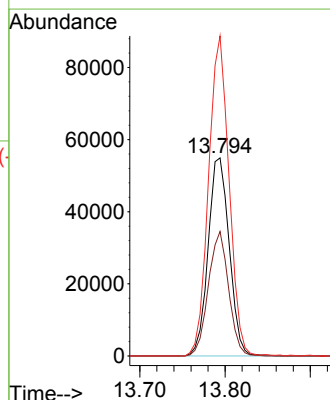


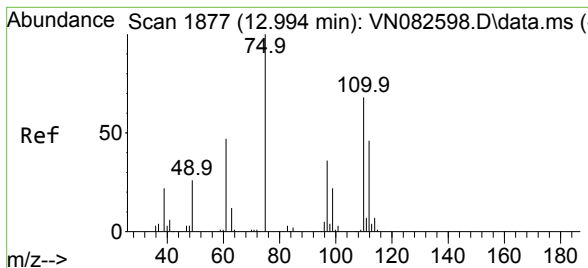
Tgt Ion:173 Resp: 424
Ion Ratio Lower Upper
173 100
175 1061.6 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082875.D
Acq: 11 Jul 2024 14:43

Tgt Ion:152 Resp: 94539
Ion Ratio Lower Upper
152 100
115 60.3 30.6 91.6
150 156.7 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 30.515 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082875.D

Acq: 11 Jul 2024 14:43

Instrument :

MSVOA_N

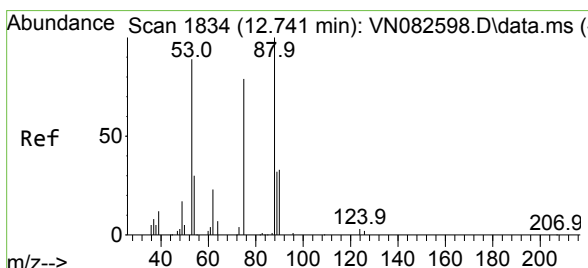
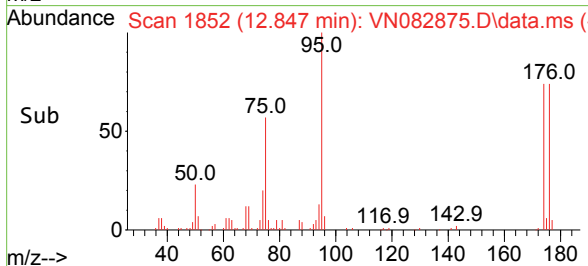
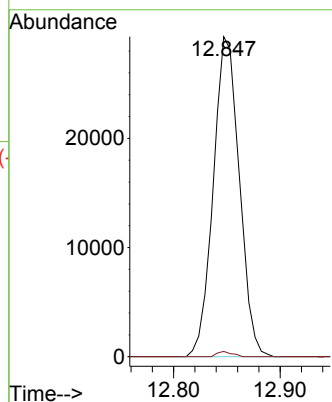
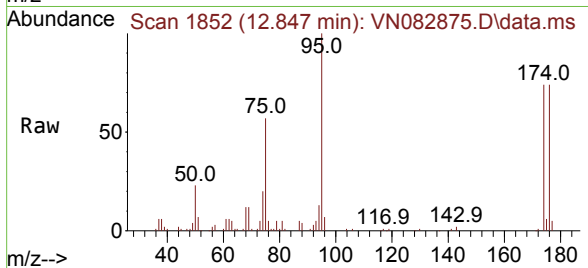
ClientSampleId :

Tgt Ion: 75 Resp: 49736

Ion Ratio Lower Upper

75 100

77 0.9 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.013 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN082875.D

Acq: 11 Jul 2024 14:43

Tgt Ion: 75 Resp: 49736

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

