

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082138.D
 Acq On : 15 May 2024 18:02
 Operator : JC\MD
 Sample : VN0515WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBL02

Quant Time: May 16 05:52:01 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

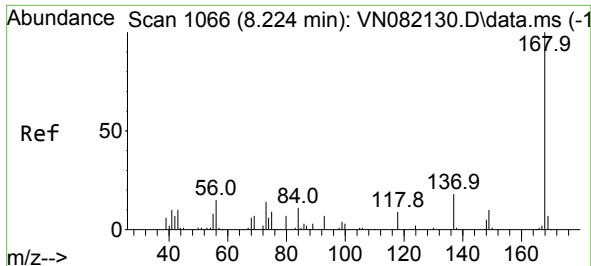
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	188519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	333190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	315086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	153757	51.652	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.300%	
35) Dibromofluoromethane	8.171	113	105793	51.616	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.240%	
50) Toluene-d8	10.571	98	424038	53.962	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.920%	
62) 4-Bromofluorobenzene	12.847	95	146198	52.125	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 104.260%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	1007	0.605	ug/l #	78
13) Acrolein	4.201	56	121	0.342	ug/l #	76
17) Carbon Disulfide	4.706	76	1667	0.251	ug/l #	74
31) Cyclohexane	8.224	56	5763	1.212	ug/l #	26
36) 1,1-Dichloropropene	8.224	75	18168	5.285	ug/l #	49
38) Carbon Tetrachloride	8.224	117	21075	6.048	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2669	0.689	ug/l #	1
71) Bromoform	12.582	173	60	0.733	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	86903	31.376	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	86903	73.387	ug/l #	12

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

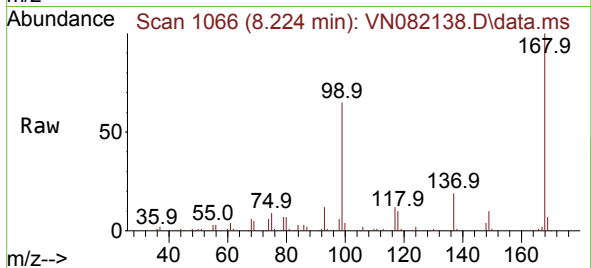
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



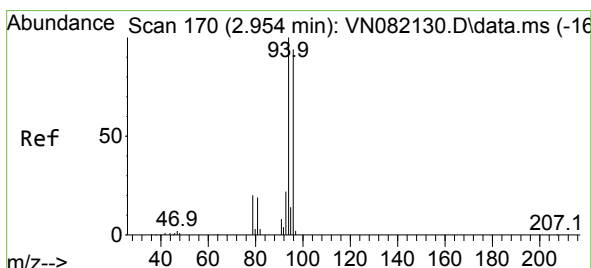
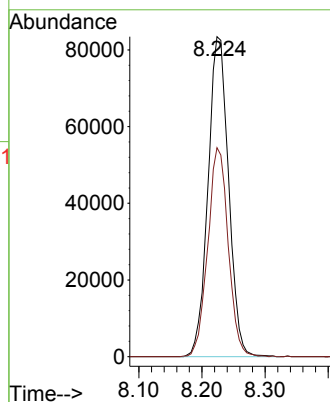
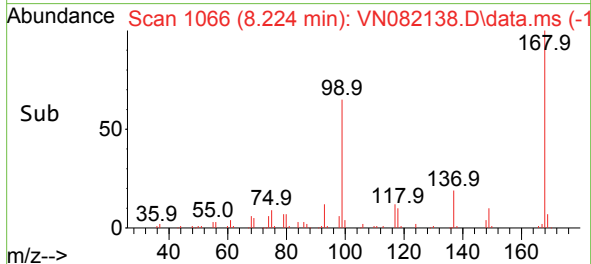


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082138.D
Acq: 15 May 2024 18:02

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBL02

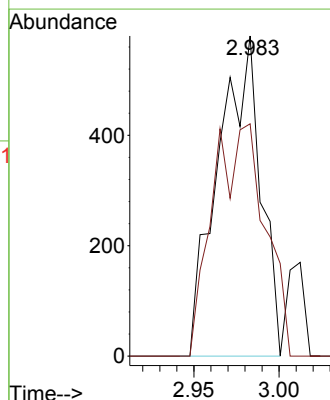
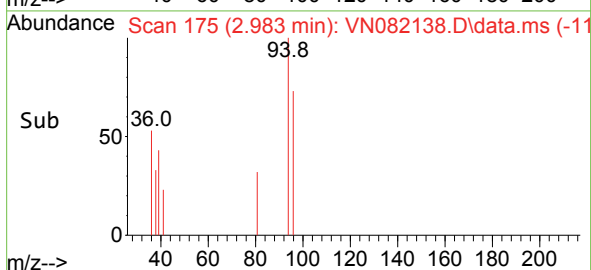
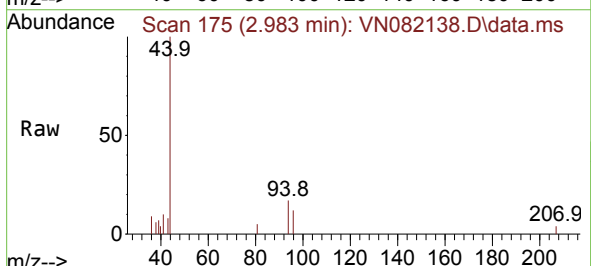


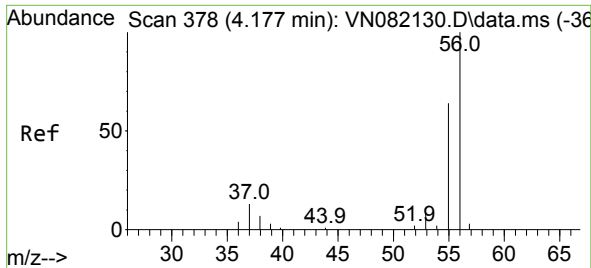
Tgt Ion:168 Resp: 188519
Ion Ratio Lower Upper
168 100
99 65.3 48.2 72.4



#5
Bromomethane
Concen: 0.605 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.029 min
Lab File: VN082138.D
Acq: 15 May 2024 18:02

Tgt Ion: 94 Resp: 1007
Ion Ratio Lower Upper
94 100
96 72.6 74.8 112.2#

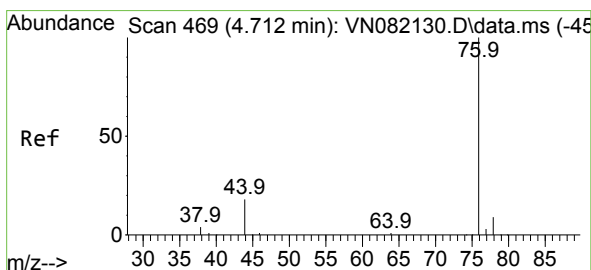
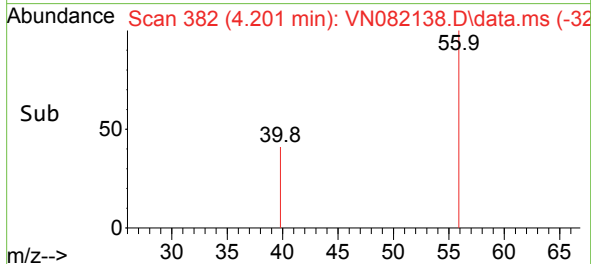
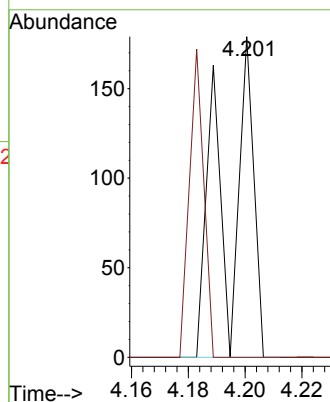
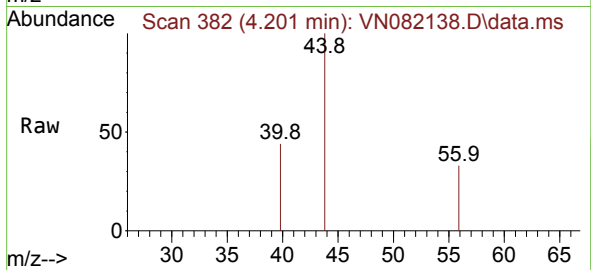




#13
Acrolein
Concen: 0.342 ug/l
RT: 4.201 min Scan# 382
Delta R.T. 0.024 min
Lab File: VN082138.D
Acq: 15 May 2024 18:02

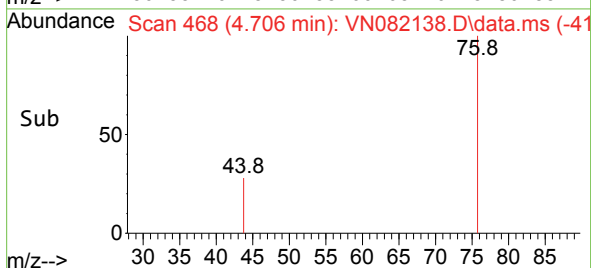
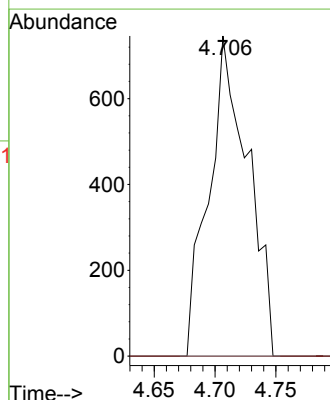
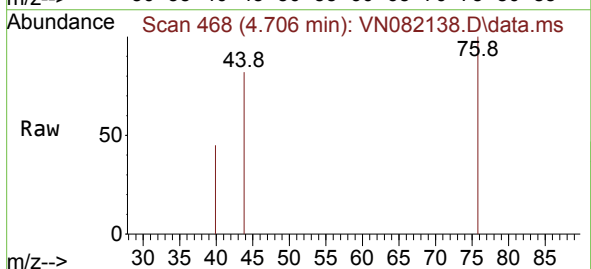
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBL02

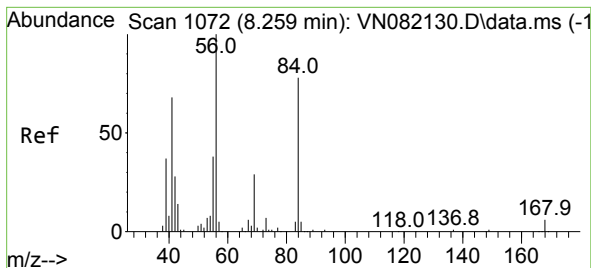
Tgt Ion: 56 Resp: 121
Ion Ratio Lower Upper
56 100
55 50.4 55.8 83.8#



#17
Carbon Disulfide
Concen: 0.251 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082138.D
Acq: 15 May 2024 18:02

Tgt Ion: 76 Resp: 1667
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





#31

Cyclohexane

Concen: 1.212 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN082138.D

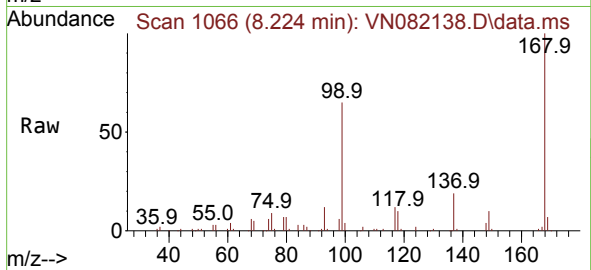
Acq: 15 May 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBL02



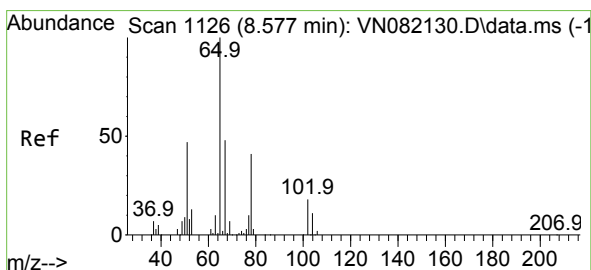
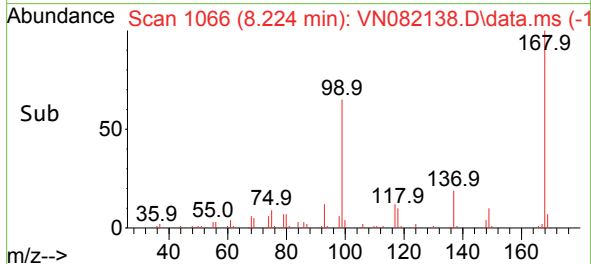
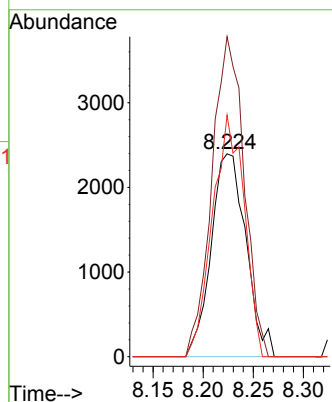
Tgt Ion: 56 Resp: 5763

Ion Ratio Lower Upper

56 100

69 157.8 24.4 36.6#

84 119.1 77.0 115.4#



#33

1,2-Dichloroethane-d4

Concen: 51.652 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082138.D

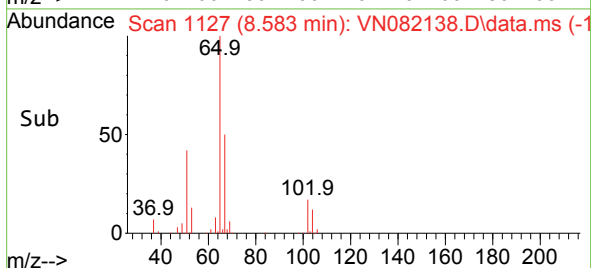
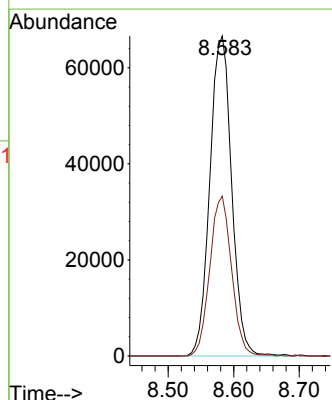
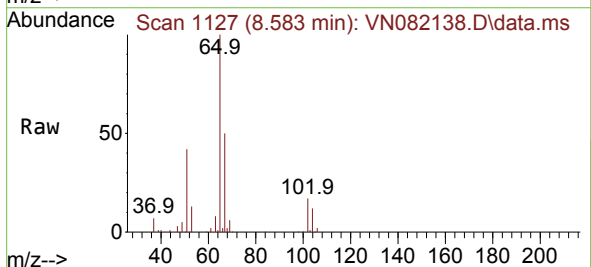
Acq: 15 May 2024 18:02

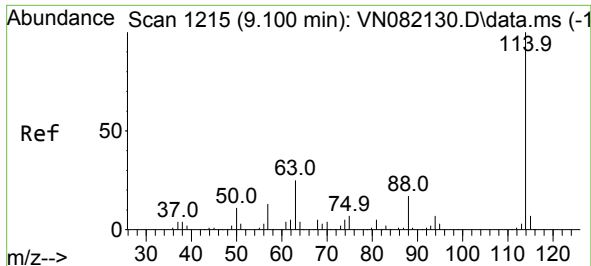
Tgt Ion: 65 Resp: 153757

Ion Ratio Lower Upper

65 100

67 49.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082138.D

Acq: 15 May 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBL02

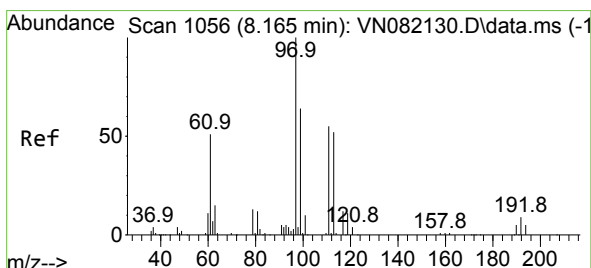
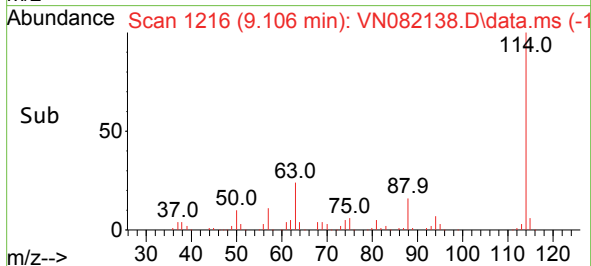
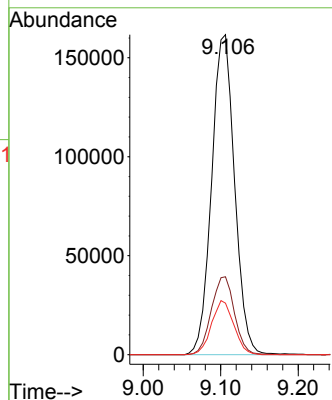
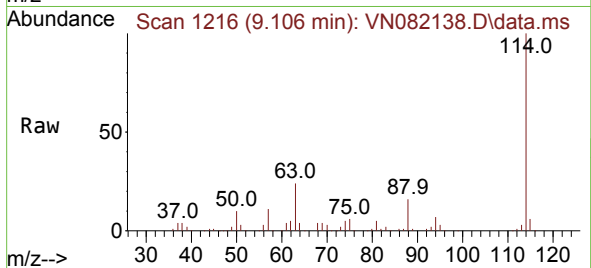
Tgt Ion:114 Resp: 333190

Ion Ratio Lower Upper

114 100

63 24.3 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.616 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082138.D

Acq: 15 May 2024 18:02

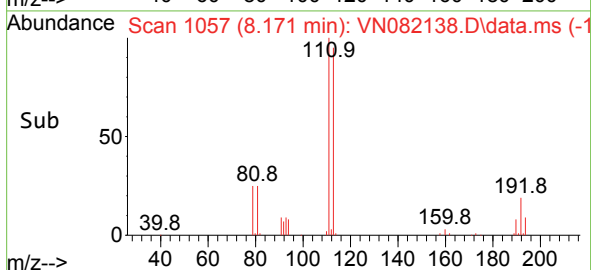
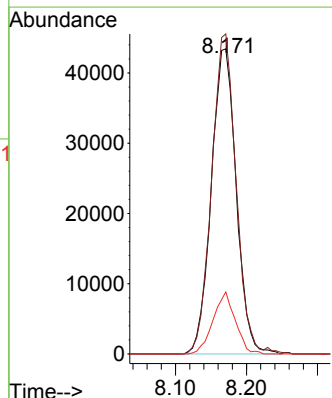
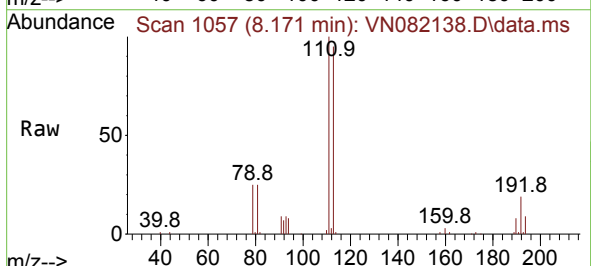
Tgt Ion:113 Resp: 105793

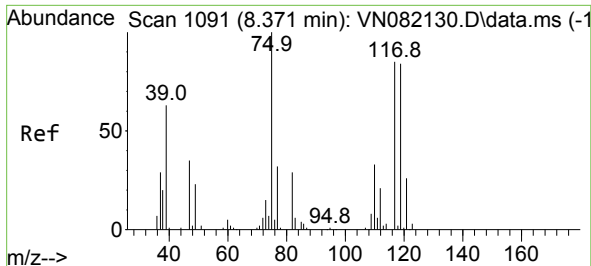
Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.2

192 18.1 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.285 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082138.D

Acq: 15 May 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBL02

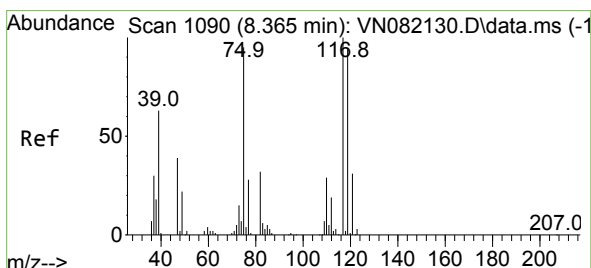
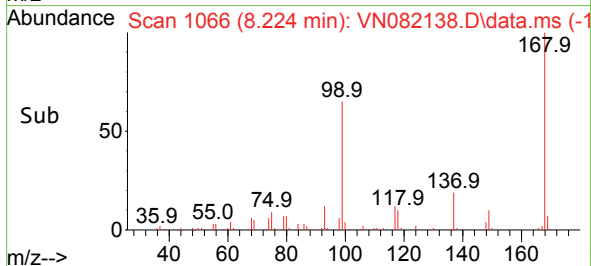
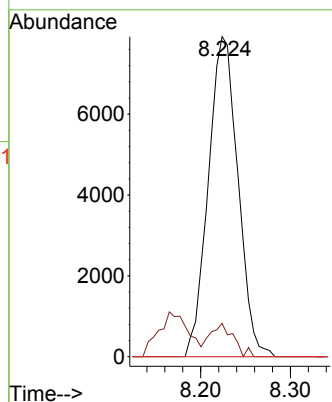
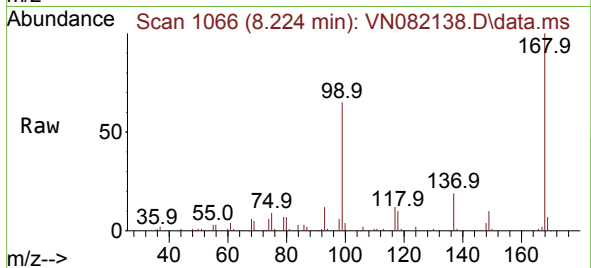
Tgt Ion: 75 Resp: 18168

Ion Ratio Lower Upper

75 100

110 8.2 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.048 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082138.D

Acq: 15 May 2024 18:02

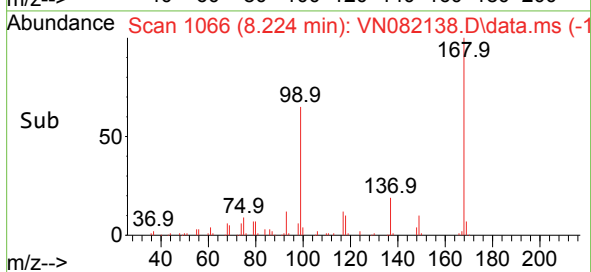
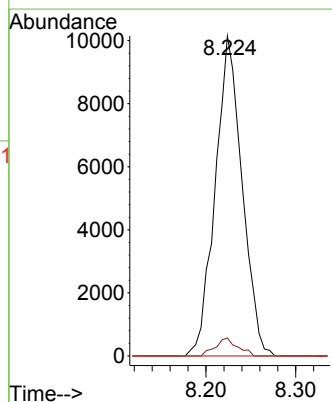
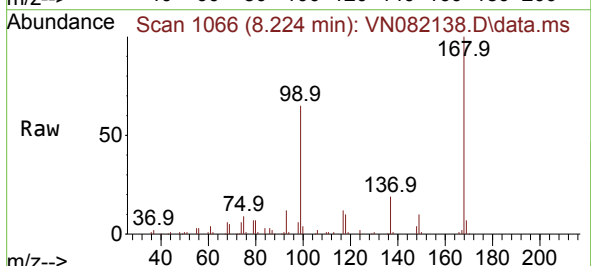
Tgt Ion: 117 Resp: 21075

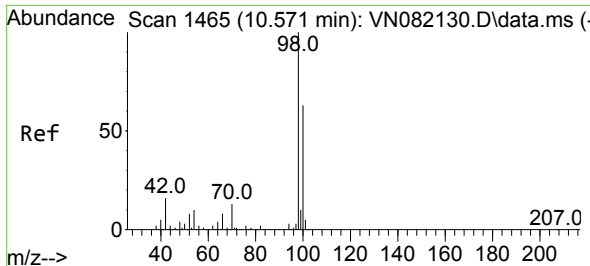
Ion Ratio Lower Upper

117 100

119 5.6 76.5 114.7#

121 0.0 23.9 35.9#

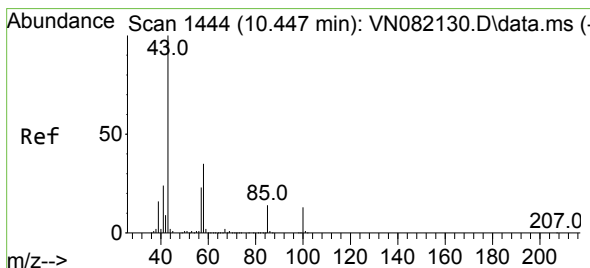
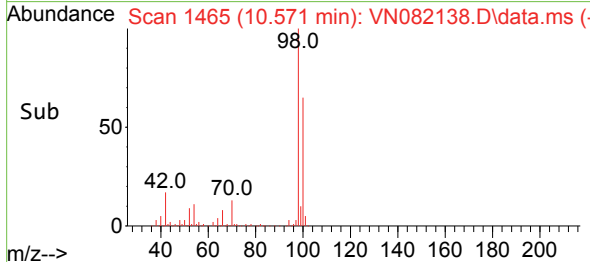
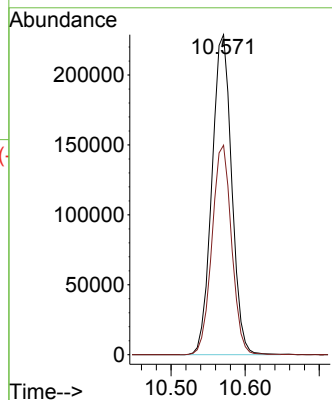
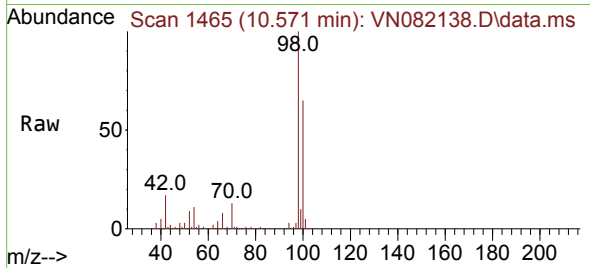




#50
Toluene-d8
Concen: 53.962 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082138.D
Acq: 15 May 2024 18:02

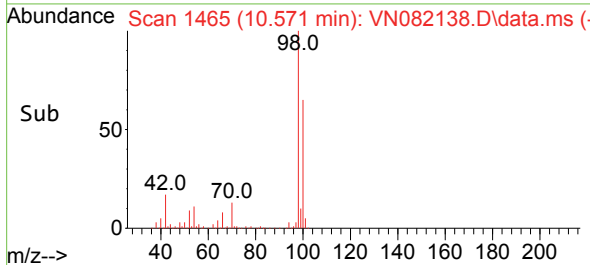
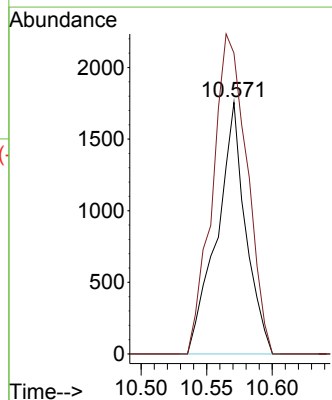
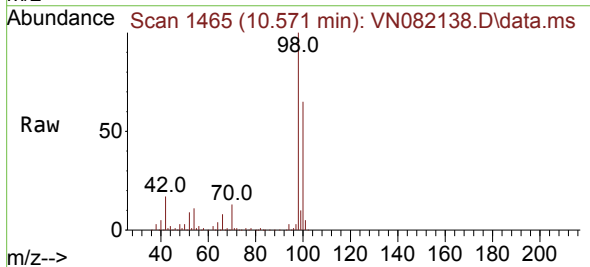
Instrument :
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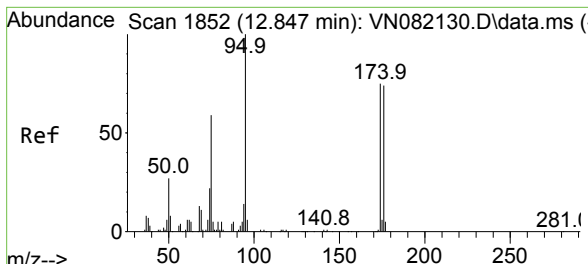
Tgt Ion: 98 Resp: 424038
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.689 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082138.D
Acq: 15 May 2024 18:02

Tgt Ion: 43 Resp: 2669
Ion Ratio Lower Upper
43 100
58 153.6 33.2 49.8#

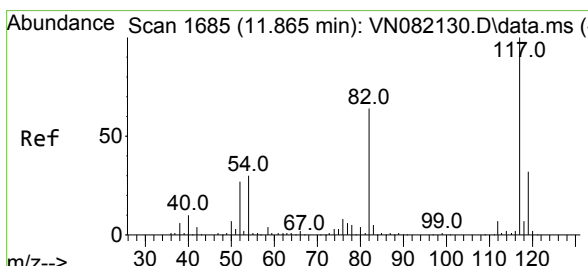
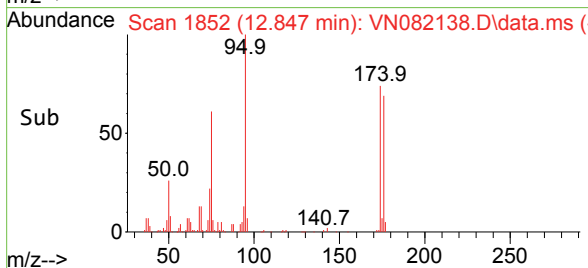
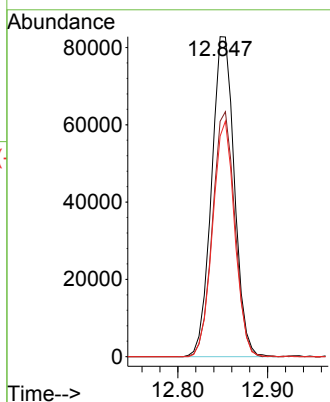
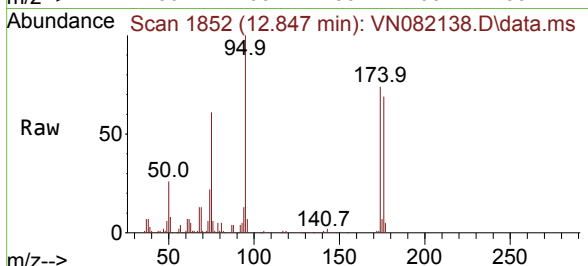




#62
 4-Bromofluorobenzene
 Concen: 52.125 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN082138.D
 Acq: 15 May 2024 18:02

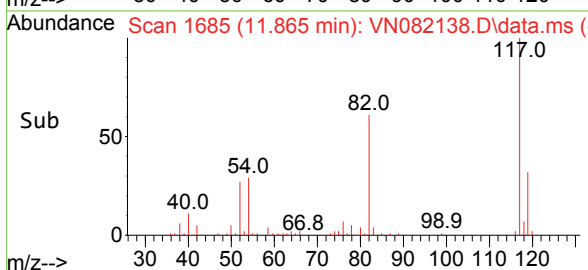
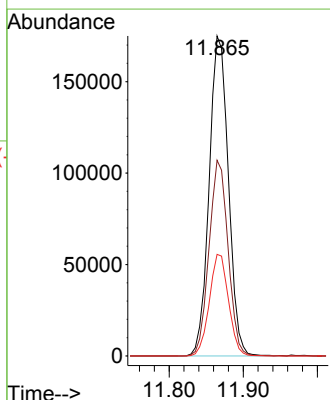
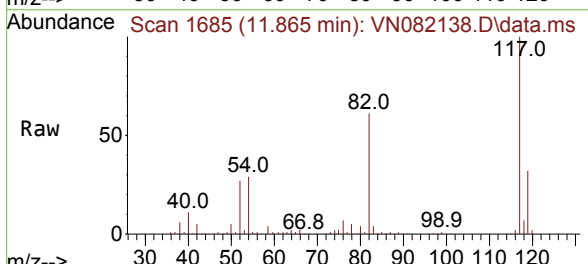
Instrument :
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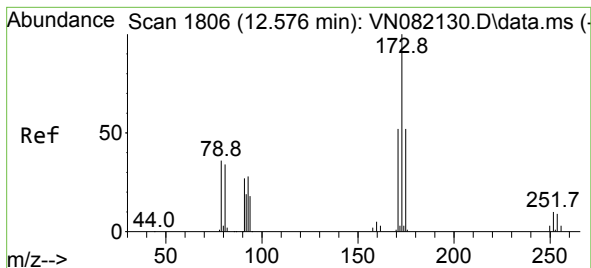
Tgt Ion:	95	Resp:	146198
Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	160.6
176	71.1	0.0	152.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN082138.D
 Acq: 15 May 2024 18:02

Tgt Ion:	117	Resp:	315086
Ion	Ratio	Lower	Upper
117	100		
82	61.1	44.6	66.8
119	31.8	25.9	38.9





#71

Bromoform

Concen: 0.733 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN082138.D

Acq: 15 May 2024 18:02

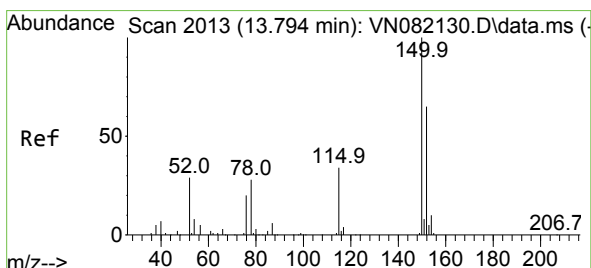
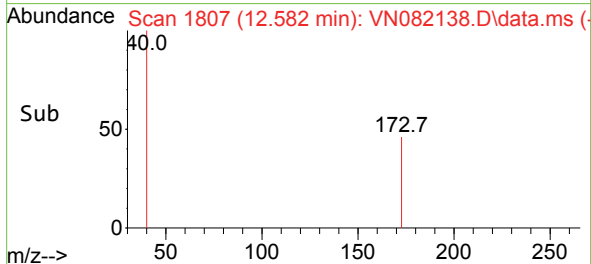
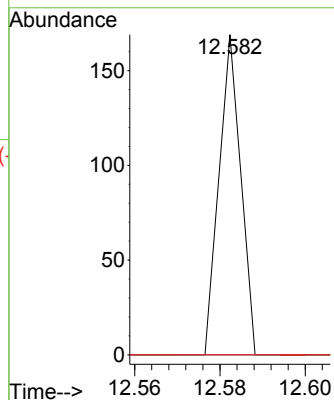
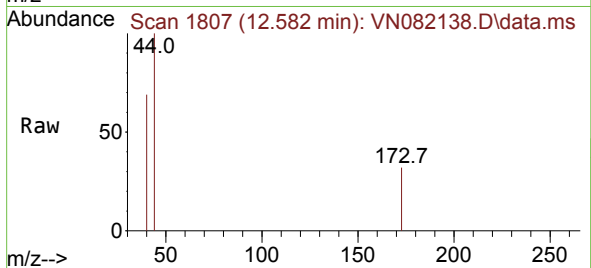
Instrument :

MSVOA_N

ClientSampleId :

VN0515WBL02

Tgt Ion:173	Resp:	60
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

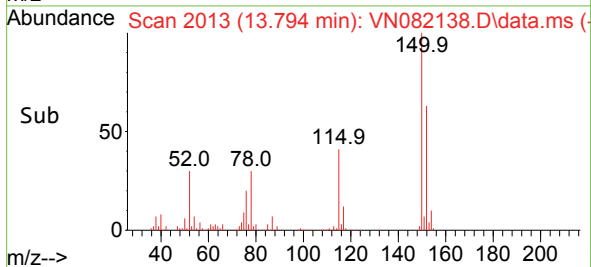
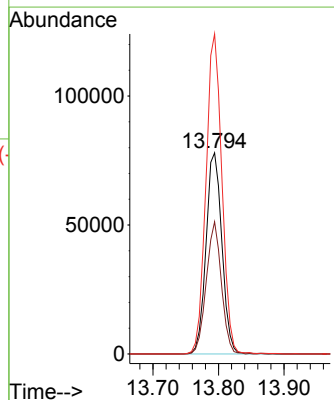
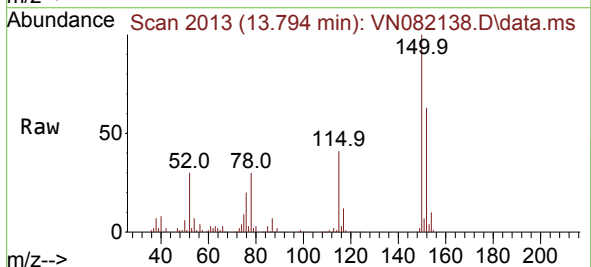
RT: 13.794 min Scan# 2013

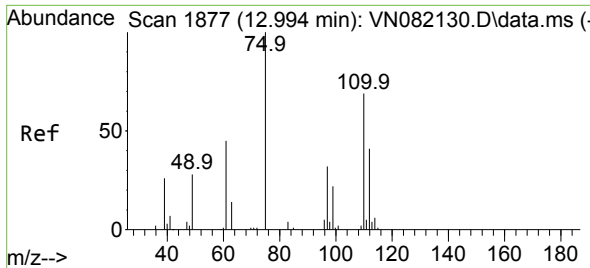
Delta R.T. 0.000 min

Lab File: VN082138.D

Acq: 15 May 2024 18:02

Tgt Ion:152	Resp:	131593
Ion Ratio	Lower	Upper
152	100	
115	62.5	30.4 91.3
150	158.9	0.0 353.2

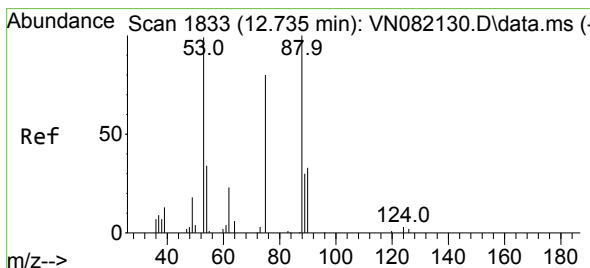
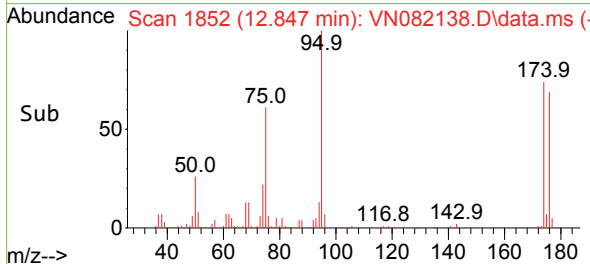
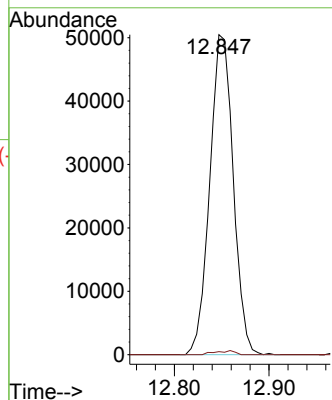
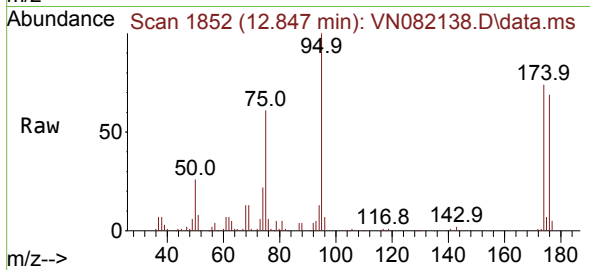




#76
1,2,3-Trichloropropane
Concen: 31.376 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082138.D
Acq: 15 May 2024 18:02

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBL02

Tgt Ion: 75 Resp: 86903
Ion Ratio Lower Upper
75 100
77 1.0 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.387 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082138.D
Acq: 15 May 2024 18:02

Tgt Ion: 75 Resp: 86903
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

