

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053024\
 Data File : VN082388.D
 Acq On : 30 May 2024 12:19
 Operator : JC\MD
 Sample : VN0530MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 31 03:25:01 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)

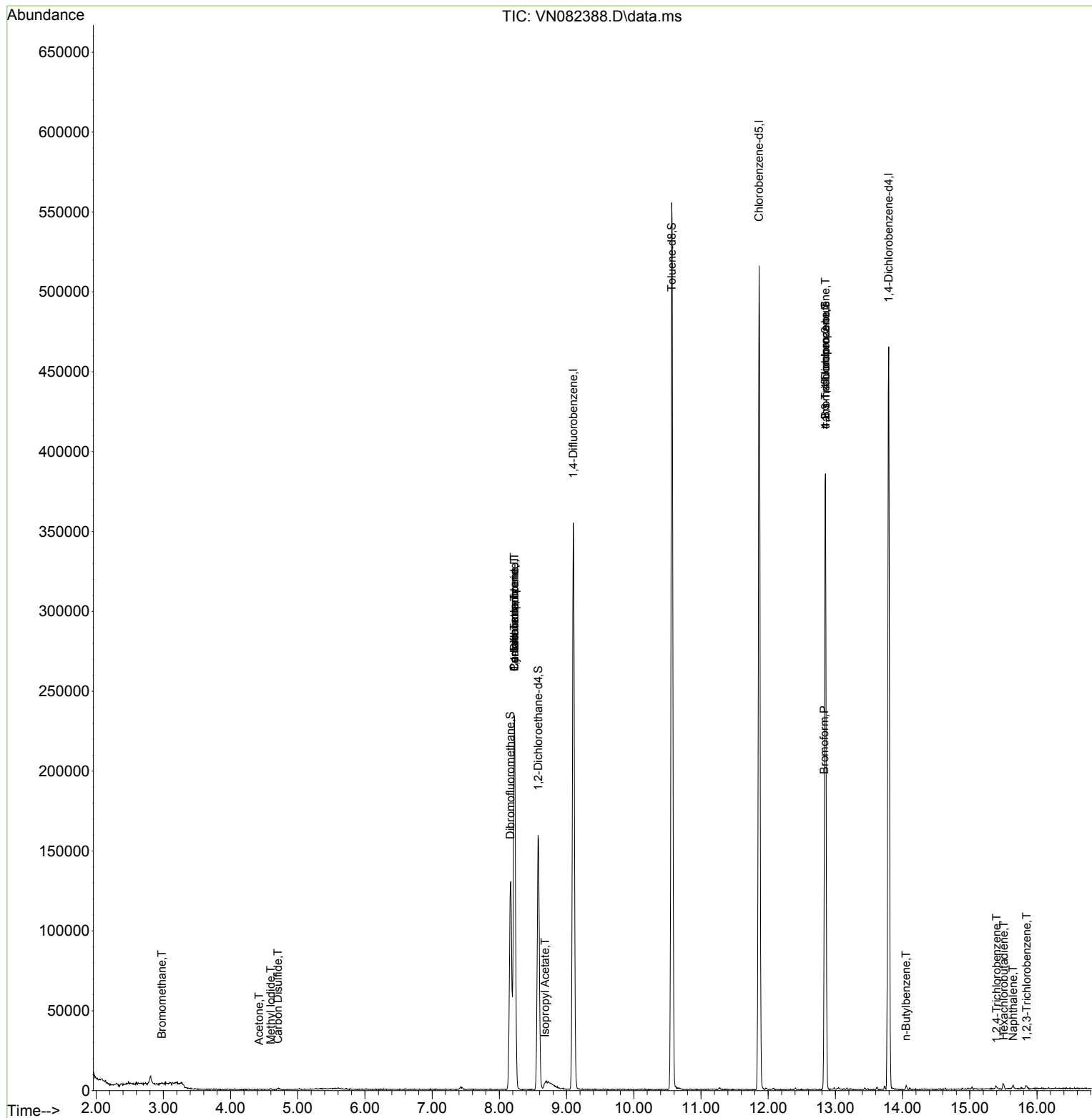
Internal Standards						
1) Pentafluorobenzene	8.224	168	160468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130371	51.452	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.900%		
35) Dibromofluoromethane	8.165	113	93075	53.512	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.020%		
50) Toluene-d8	10.565	98	363620	54.528	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 109.060%		
62) 4-Bromofluorobenzene	12.853	95	124099	52.139	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 104.280%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	613	0.433	ug/l	88
10) Methyl Iodide	4.600	142	773	0.408	ug/l #	40
16) Acetone	4.424	43	240	0.231	ug/l #	43
17) Carbon Disulfide	4.706	76	1664	0.294	ug/l #	74
31) Cyclohexane	8.224	56	4872	1.204	ug/l #	39
36) 1,1-Dichloropropene	8.224	75	14581	4.998	ug/l #	49
38) Carbon Tetrachloride	8.224	117	16806	5.683	ug/l #	18
43) Isopropyl Acetate	8.683	43	3099	0.536	ug/l #	52
71) Bromoform	12.835	173	307	0.895	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	72487	29.279	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	72487	68.483	ug/l #	12
89) n-Butylbenzene	14.053	91	1551	0.232	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	942	0.440	ug/l	87
94) Hexachlorobutadiene	15.506	225	835	0.889	ug/l	94
95) Naphthalene	15.647	128	3194	0.476	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.847	180	1224	0.571	ug/l #	89

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

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Sample : VN0530MBL01
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

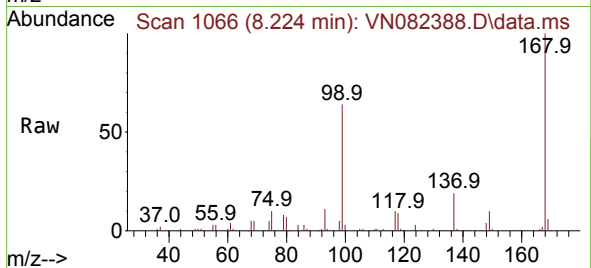
Quant Time: May 31 03:25:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



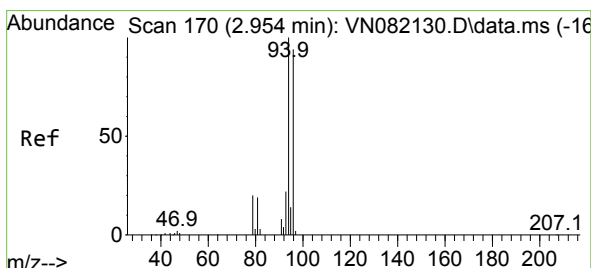
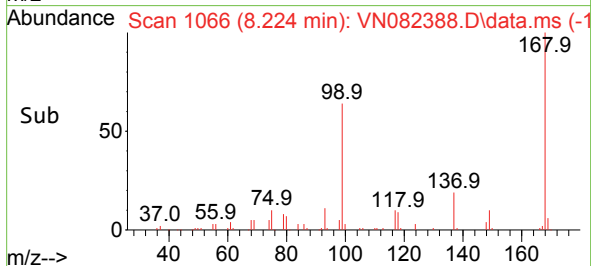
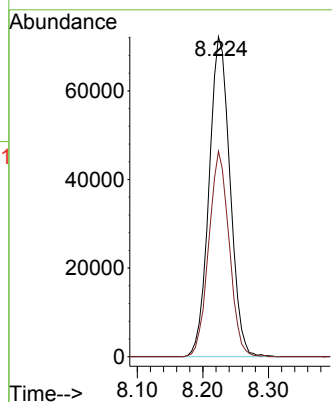


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082388.D
Acq: 30 May 2024 12:19

Instrument :
MSVOA_N
ClientSampleId :

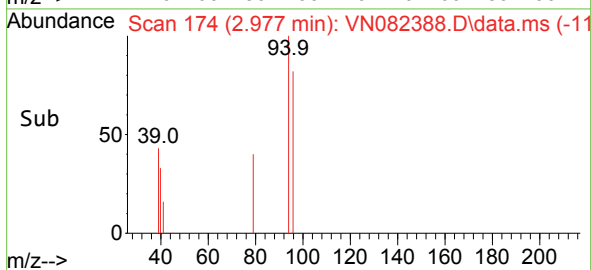
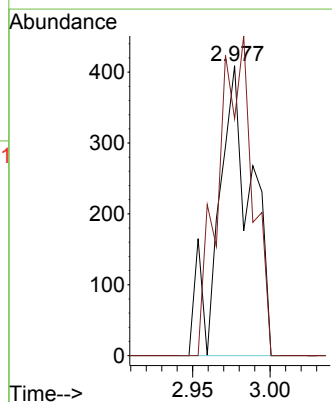
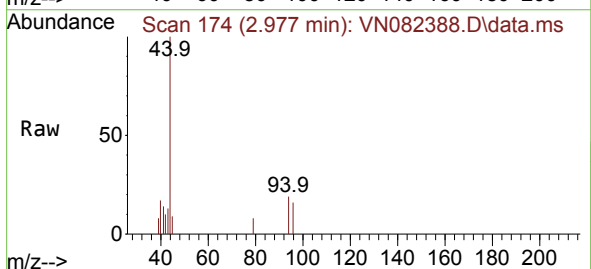


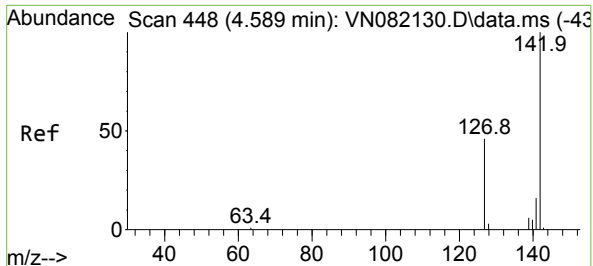
Tgt Ion:168 Resp: 160468
Ion Ratio Lower Upper
168 100
99 64.2 48.2 72.4



#5
Bromomethane
Concen: 0.433 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.024 min
Lab File: VN082388.D
Acq: 30 May 2024 12:19

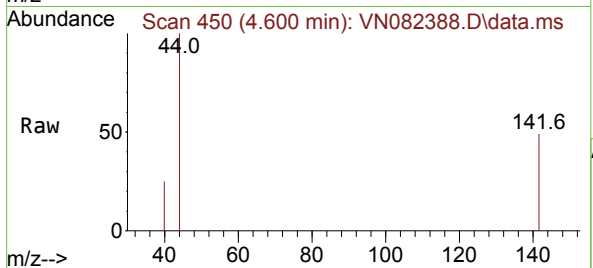
Tgt Ion: 94 Resp: 613
Ion Ratio Lower Upper
94 100
96 81.7 74.8 112.2



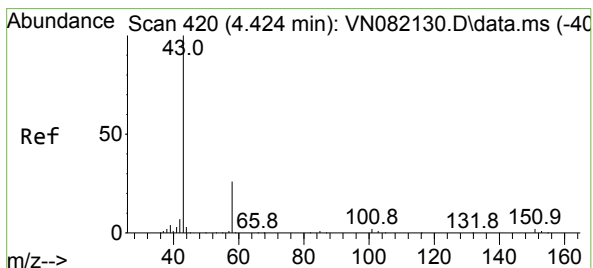
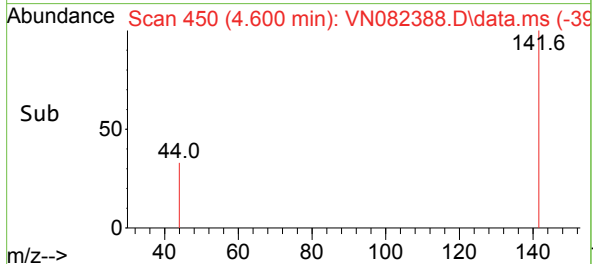
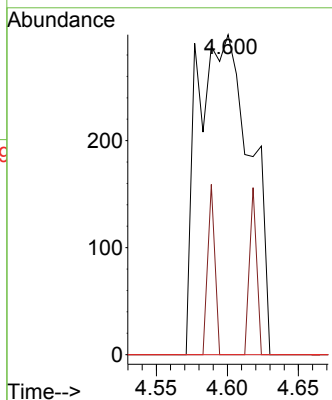


#10
Methyl Iodide
Concen: 0.408 ug/l
RT: 4.600 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082388.D
Acq: 30 May 2024 12:19

Instrument :
MSVOA_N
ClientSampleId :

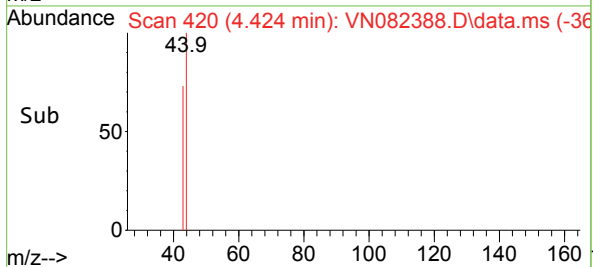
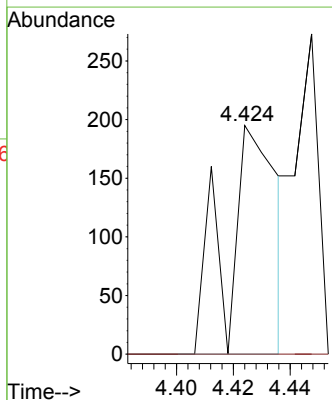
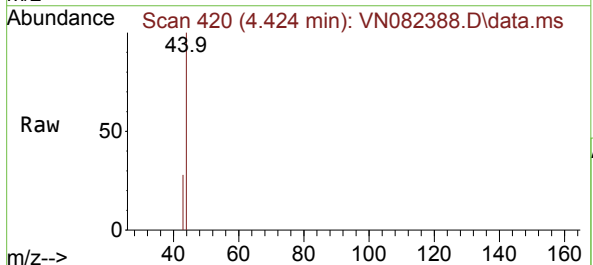


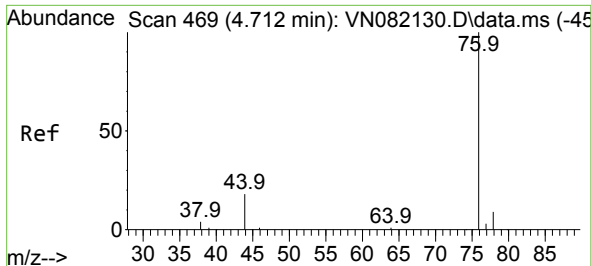
Tgt Ion:142 Resp: 773
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 0.231 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN082388.D
Acq: 30 May 2024 12:19

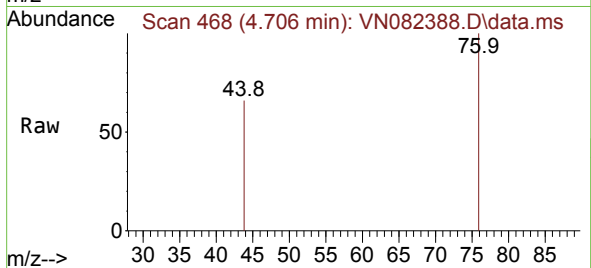
Tgt Ion: 43 Resp: 240
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



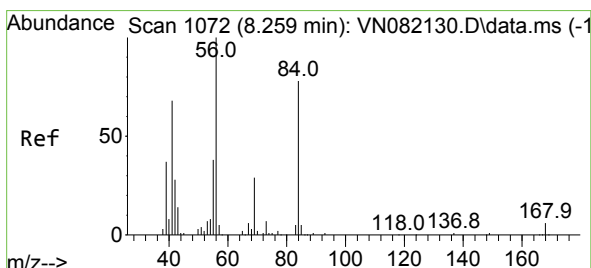
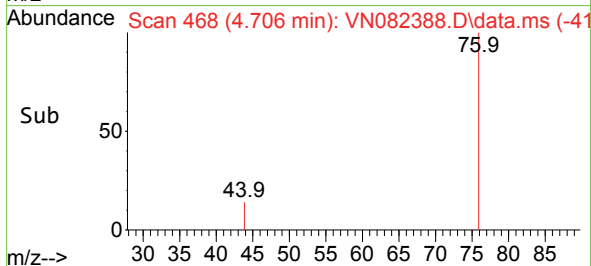
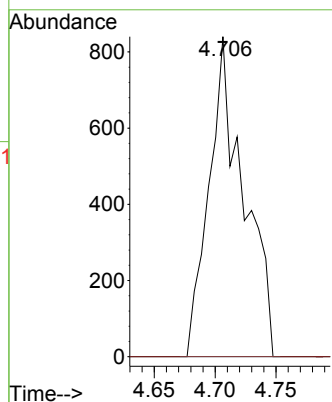


#17
Carbon Disulfide
Concen: 0.294 ug/l
RT: 4.706 min Scan# 4
Delta R.T. -0.006 min
Lab File: VN082388.D
Acq: 30 May 2024 12:19

Instrument :
MSVOA_N
ClientSampleId :

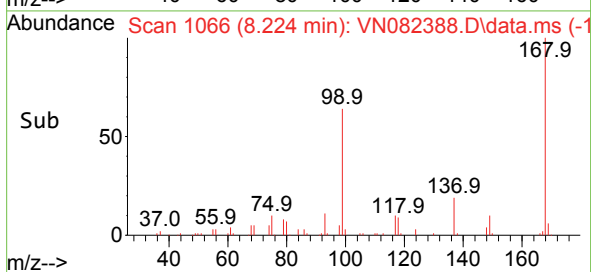
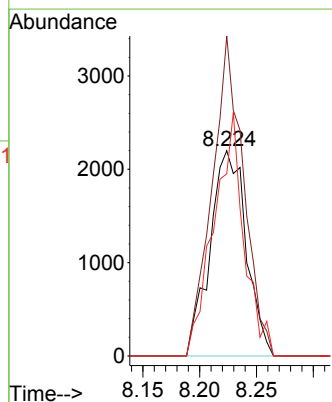
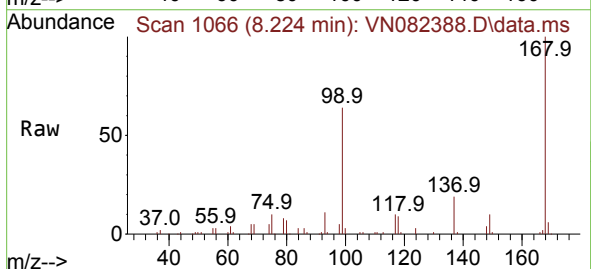


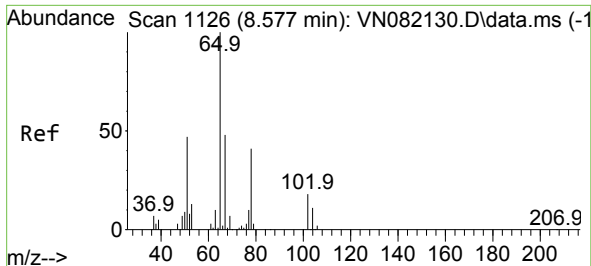
Tgt Ion: 76 Resp: 1664
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#31
Cyclohexane
Concen: 1.204 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082388.D
Acq: 30 May 2024 12:19

Tgt Ion: 56 Resp: 4872
Ion Ratio Lower Upper
56 100
69 155.9 24.4 36.6#
84 88.7 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 51.452 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082388.D

Acq: 30 May 2024 12:19

Instrument :

MSVOA_N

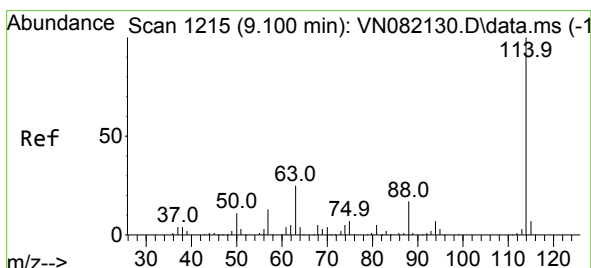
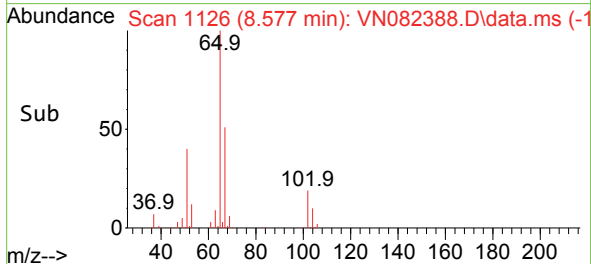
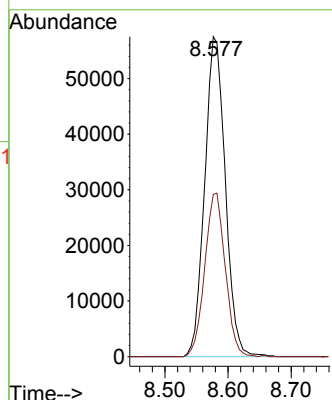
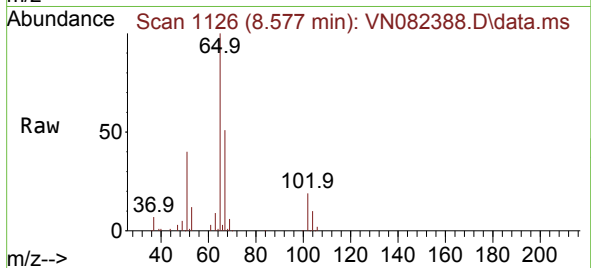
ClientSampleId :

Tgt Ion: 65 Resp: 130371

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082388.D

Acq: 30 May 2024 12:19

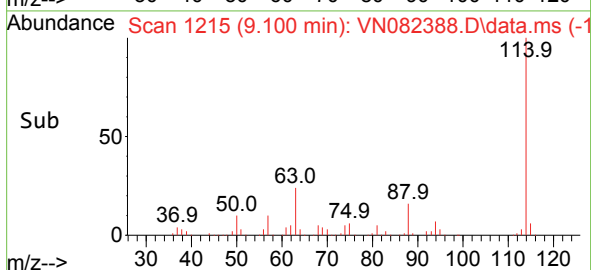
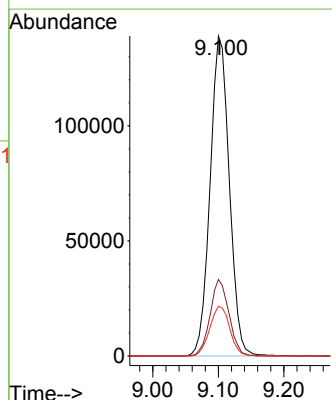
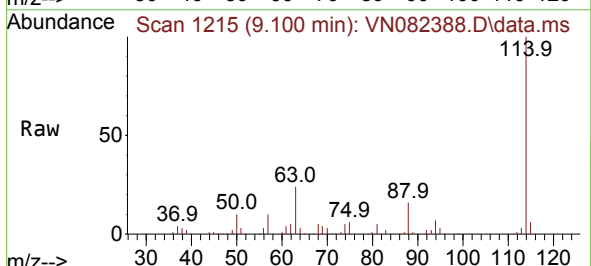
Tgt Ion: 114 Resp: 282749

Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.0

88 15.5 0.0 31.4

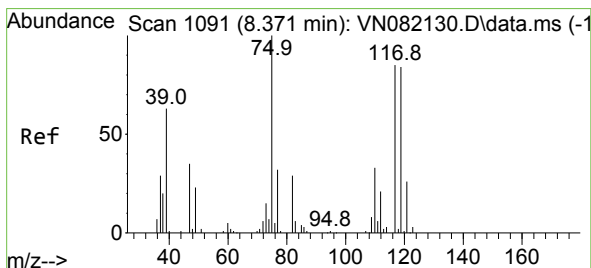
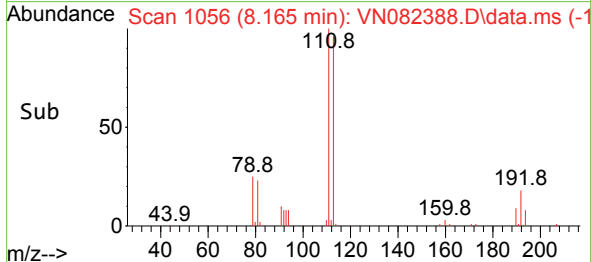
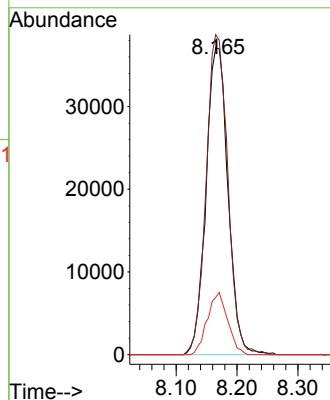
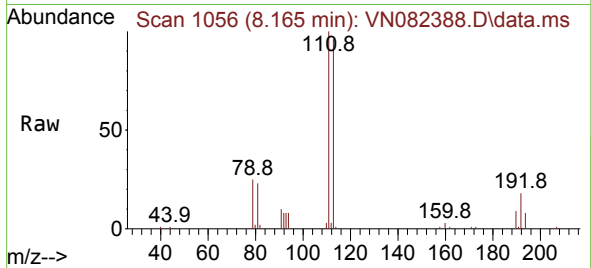




#35
Dibromofluoromethane
Concen: 53.512 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082388.D
Acq: 30 May 2024 12:19

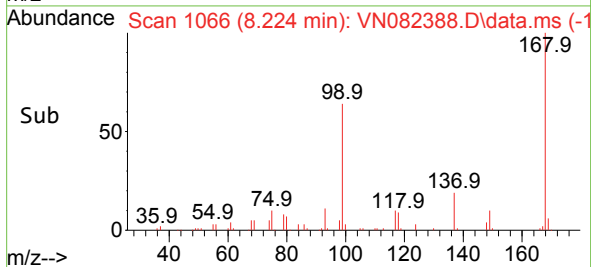
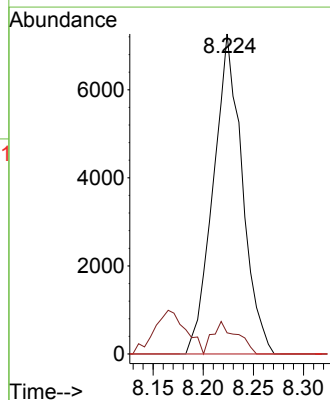
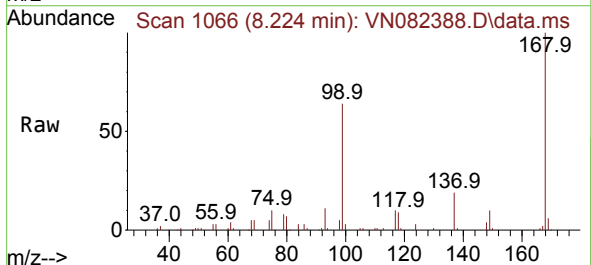
Instrument :
MSVOA_N
ClientSampleId :

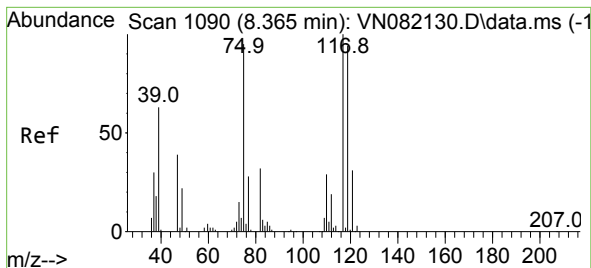
Tgt Ion:113 Resp: 93075
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 18.8 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.998 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082388.D
Acq: 30 May 2024 12:19

Tgt Ion: 75 Resp: 14581
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.683 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

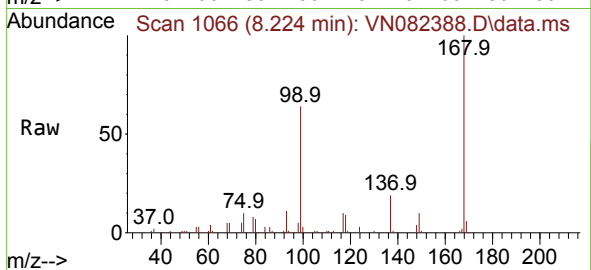
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Acq: 30 May 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :



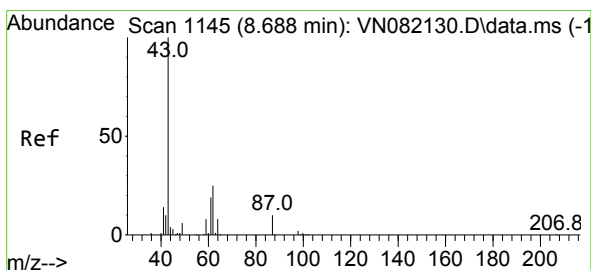
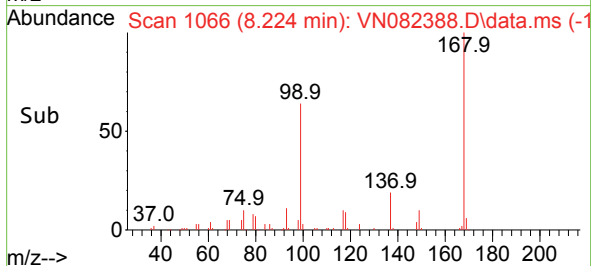
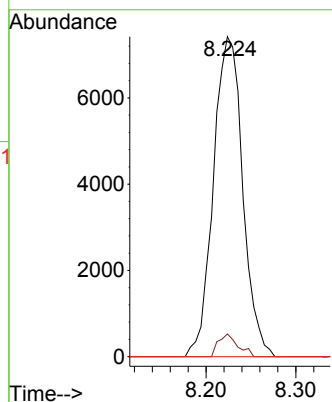
Tgt Ion:117 Resp: 16806

Ion Ratio Lower Upper

117 100

119 7.1 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.536 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN082388.D

Acq: 30 May 2024 12:19

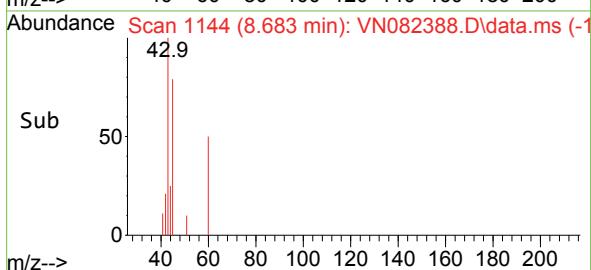
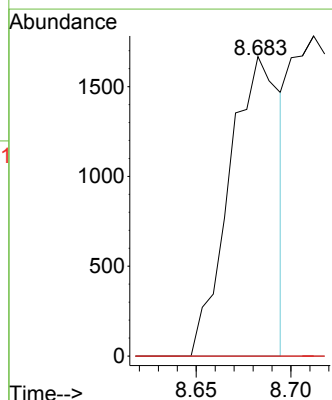
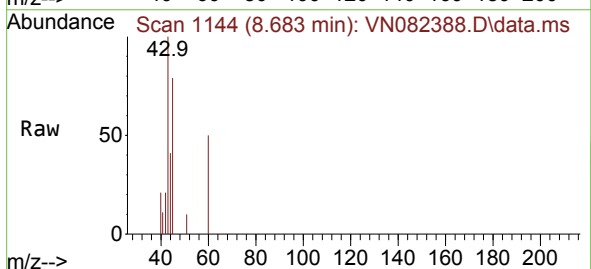
Tgt Ion: 43 Resp: 3099

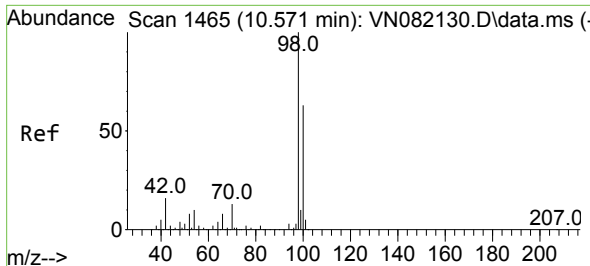
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

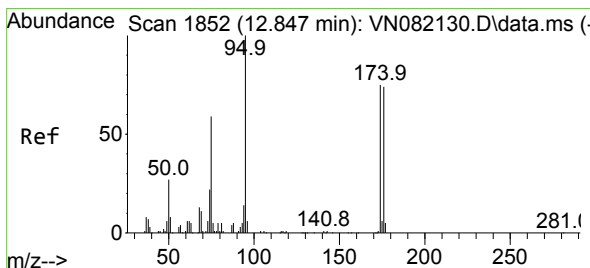
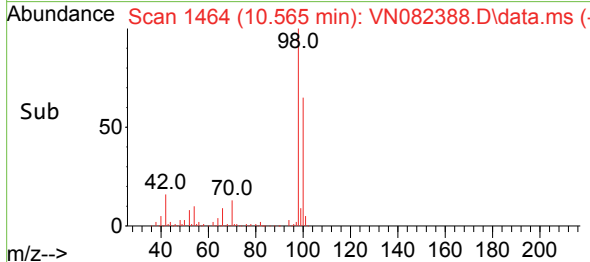
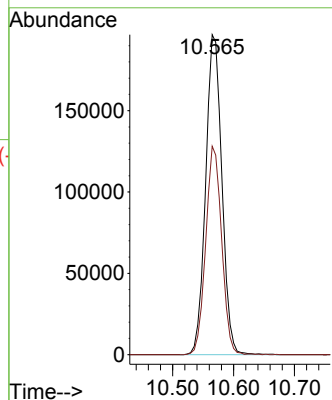
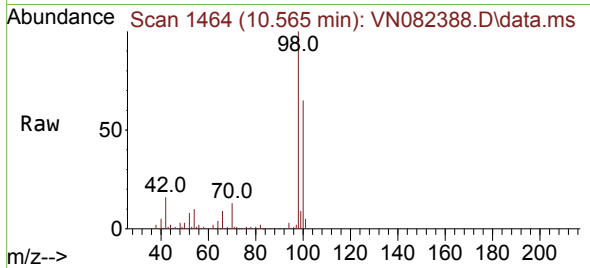




#50
Toluene-d8
Concen: 54.528 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082388.D
Acq: 30 May 2024 12:19

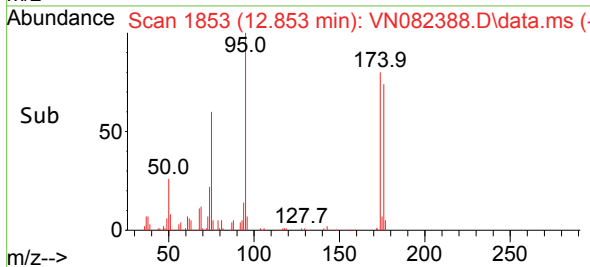
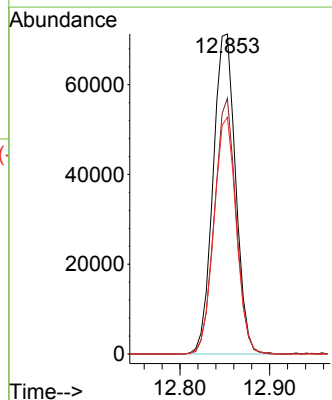
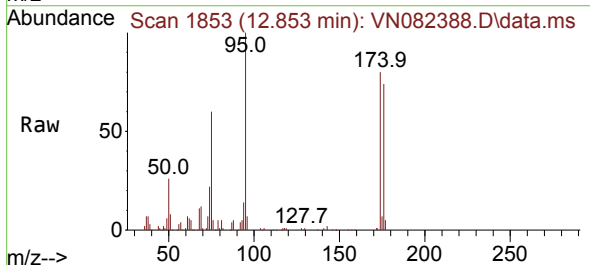
Instrument :
MSVOA_N
ClientSampleId :

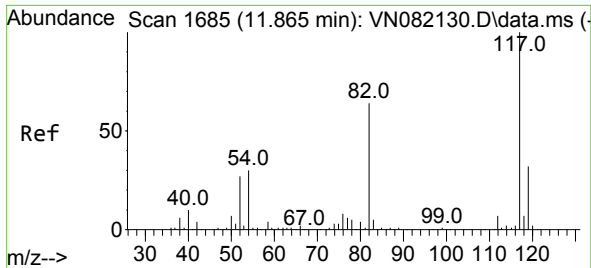
Tgt Ion: 98 Resp: 363620
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.139 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082388.D
Acq: 30 May 2024 12:19

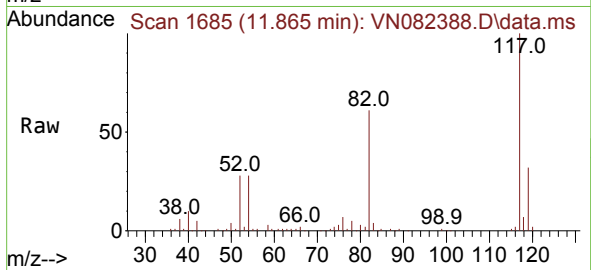
Tgt Ion: 95 Resp: 124099
Ion Ratio Lower Upper
95 100
174 76.7 0.0 160.6
176 73.5 0.0 152.8



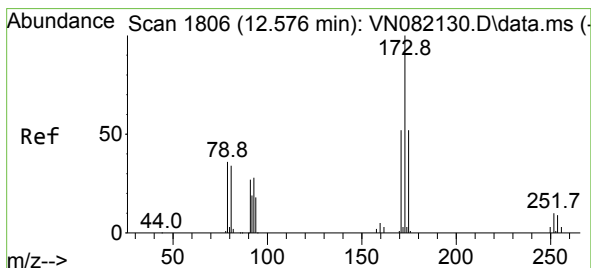
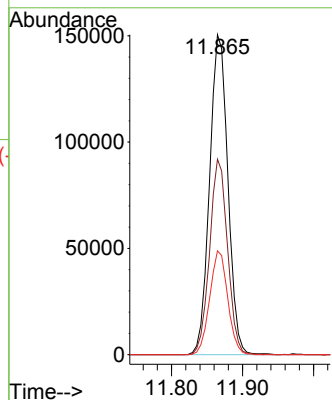
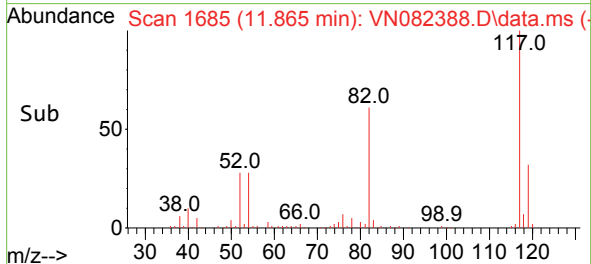


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082388.D
Acq: 30 May 2024 12:19

Instrument :
MSVOA_N
ClientSampleId :

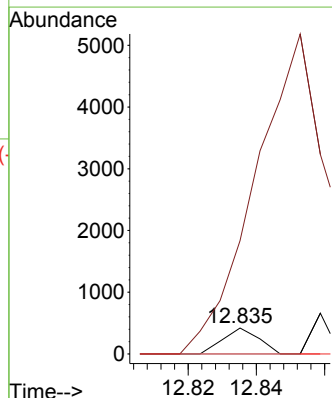
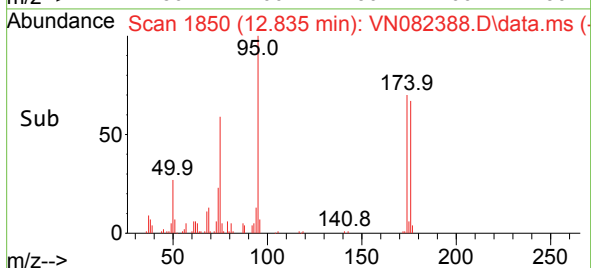
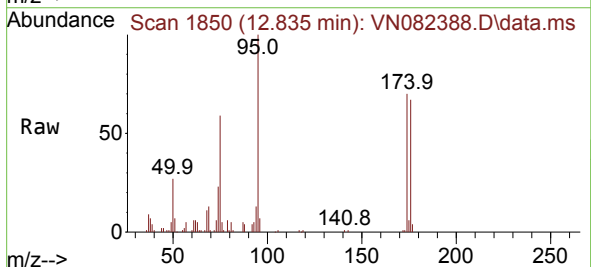


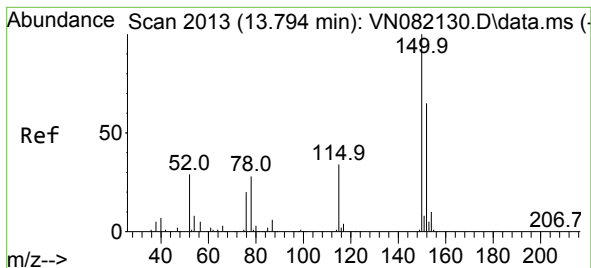
Tgt Ion:117 Resp: 269016
Ion Ratio Lower Upper
117 100
82 61.1 44.6 66.8
119 32.5 25.9 38.9



#71
Bromoform
Concen: 0.895 ug/l
RT: 12.835 min Scan# 1850
Delta R.T. 0.259 min
Lab File: VN082388.D
Acq: 30 May 2024 12:19

Tgt Ion:173 Resp: 307
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

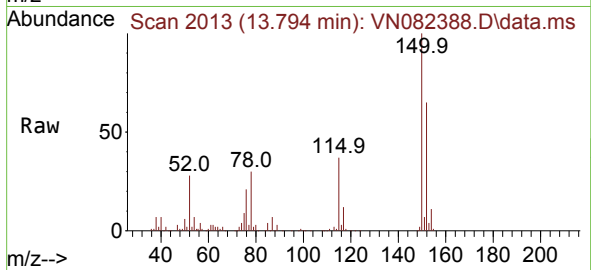
Lab File: VN082388.D

Acq: 30 May 2024 12:19

Instrument :

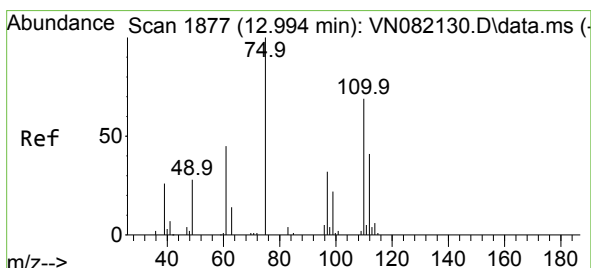
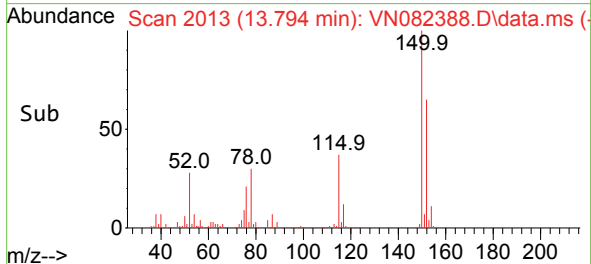
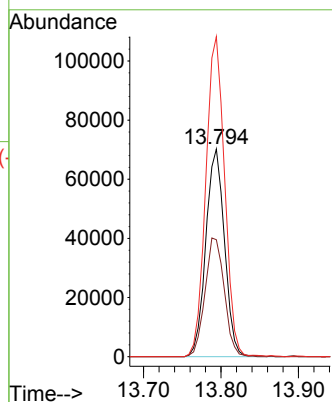
MSVOA_N

ClientSampleId :



Tgt Ion:152 Resp: 117624

Ion	Ratio	Lower	Upper
152	100		
115	59.0	30.4	91.3
150	155.0	0.0	353.2



#76

1,2,3-Trichloropropane

Concen: 29.279 ug/l

RT: 12.853 min Scan# 1853

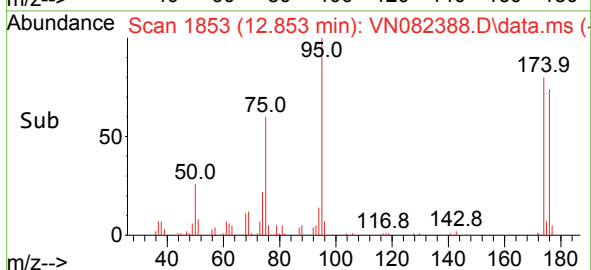
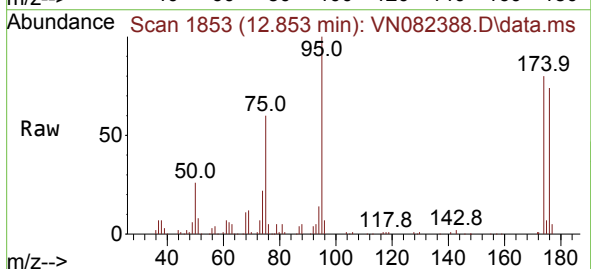
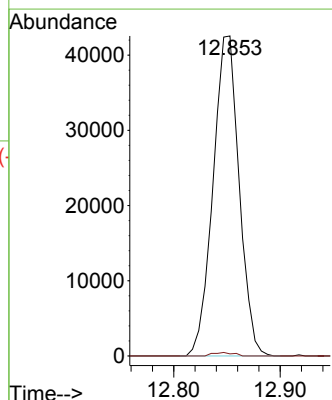
Delta R.T. -0.141 min

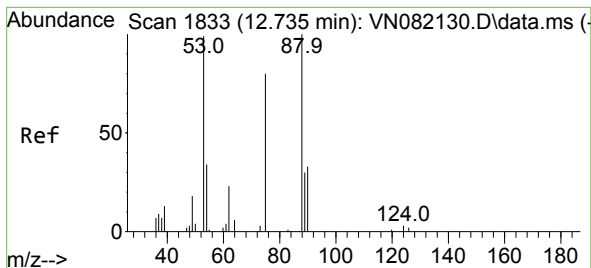
Lab File: VN082388.D

Acq: 30 May 2024 12:19

Tgt Ion: 75 Resp: 72487

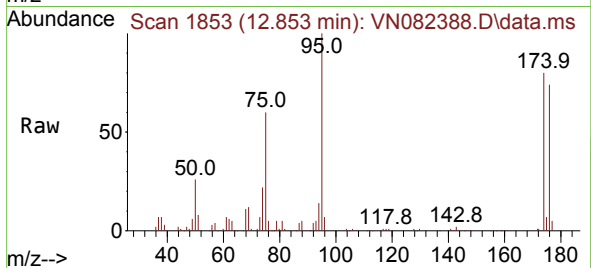
Ion	Ratio	Lower	Upper
75	100		
77	0.9	90.5	271.3#



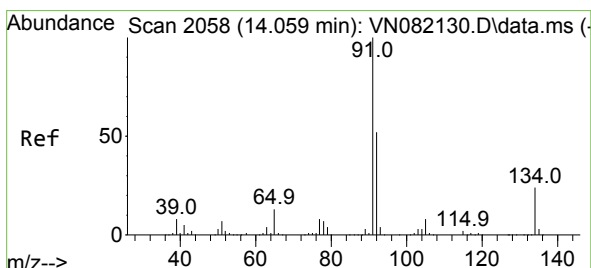
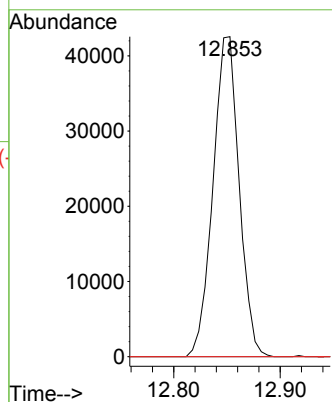
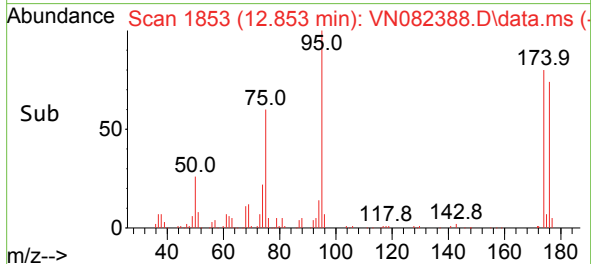


#81
trans-1,4-Dichloro-2-butene
Concen: 68.483 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082388.D
Acq: 30 May 2024 12:19

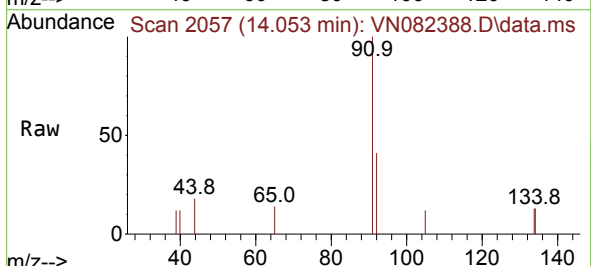
Instrument :
MSVOA_N
ClientSampleId :



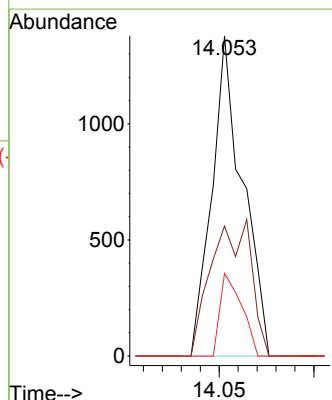
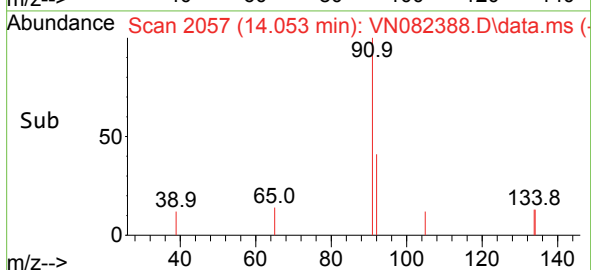
Tgt Ion: 75 Resp: 72487
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

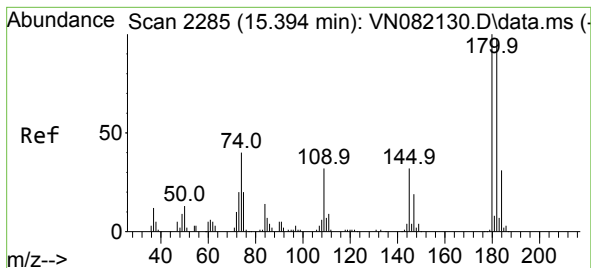


#89
n-Butylbenzene
Concen: 0.232 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN082388.D
Acq: 30 May 2024 12:19



Tgt Ion: 91 Resp: 1551
Ion Ratio Lower Upper
91 100
92 55.0 26.2 78.5
134 18.2 13.2 39.5





#93

1,2,4-Trichlorobenzene

Concen: 0.440 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

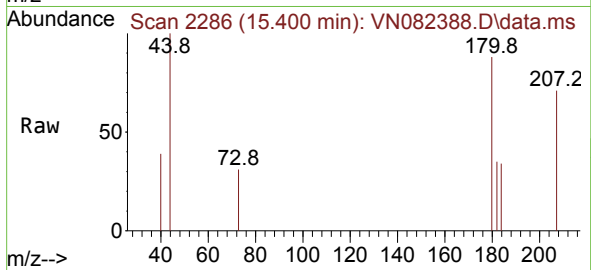
Lab File: VN082388.D

Acq: 30 May 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :



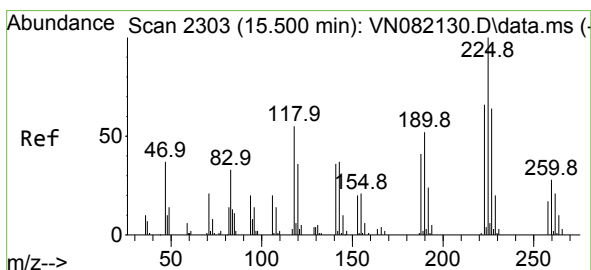
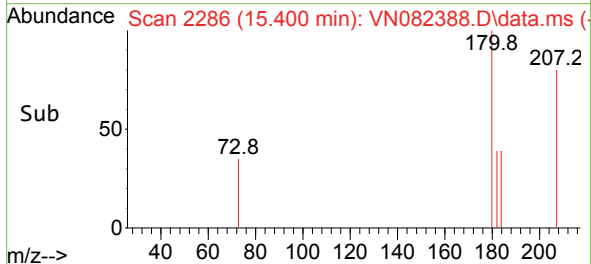
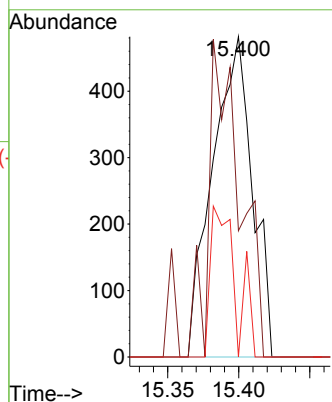
Tgt Ion:180 Resp: 942

Ion Ratio Lower Upper

180 100

182 77.9 46.7 140.0

145 29.6 16.2 48.6



#94

Hexachlorobutadiene

Concen: 0.889 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN082388.D

Acq: 30 May 2024 12:19

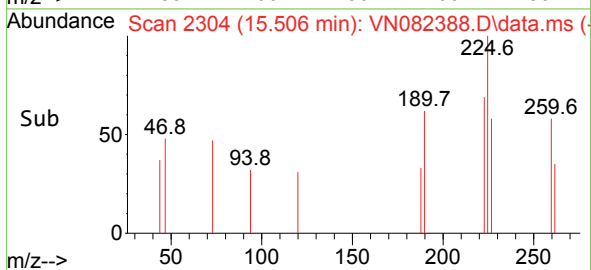
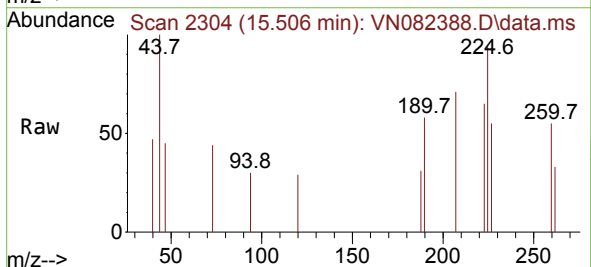
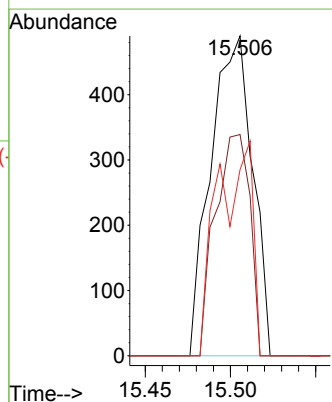
Tgt Ion:225 Resp: 835

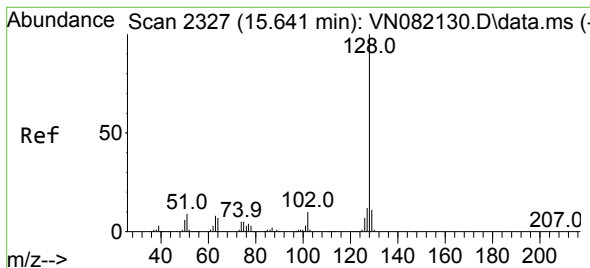
Ion Ratio Lower Upper

225 100

223 57.1 31.1 93.2

227 56.2 30.6 91.6





#95

Naphthalene

Concen: 0.476 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

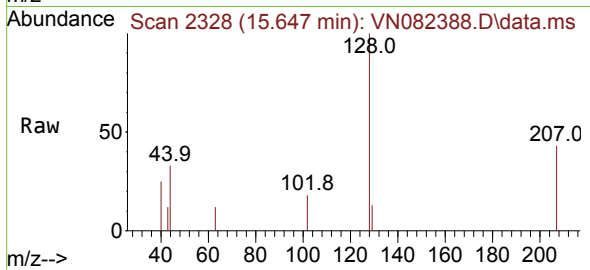
Lab File: VN082388.D

Acq: 30 May 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :



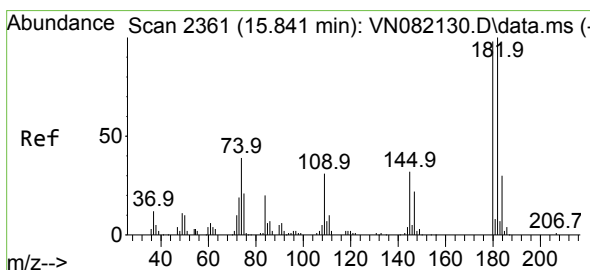
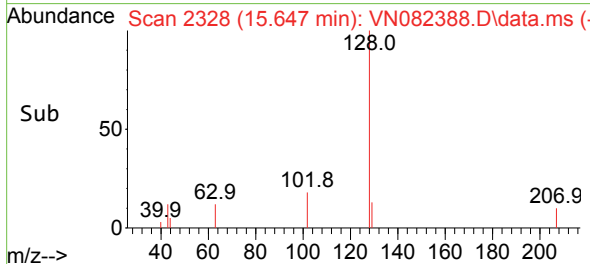
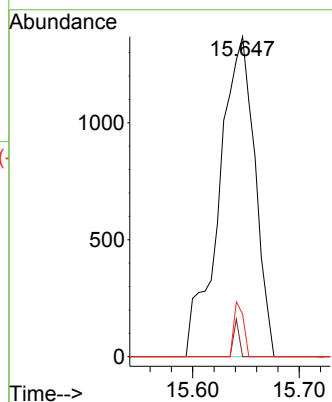
Tgt Ion:128 Resp: 3194

Ion Ratio Lower Upper

128 100

127 1.8 10.1 15.1#

129 4.6 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 0.571 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN082388.D

Acq: 30 May 2024 12:19

Tgt Ion:180 Resp: 1224

Ion Ratio Lower Upper

180 100

182 88.5 46.0 137.8

145 16.1 17.1 51.3#

