

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082364.D
 Acq On : 29 May 2024 11:15
 Operator : JC\MD
 Sample : VN0529WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 30 05:40:13 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)

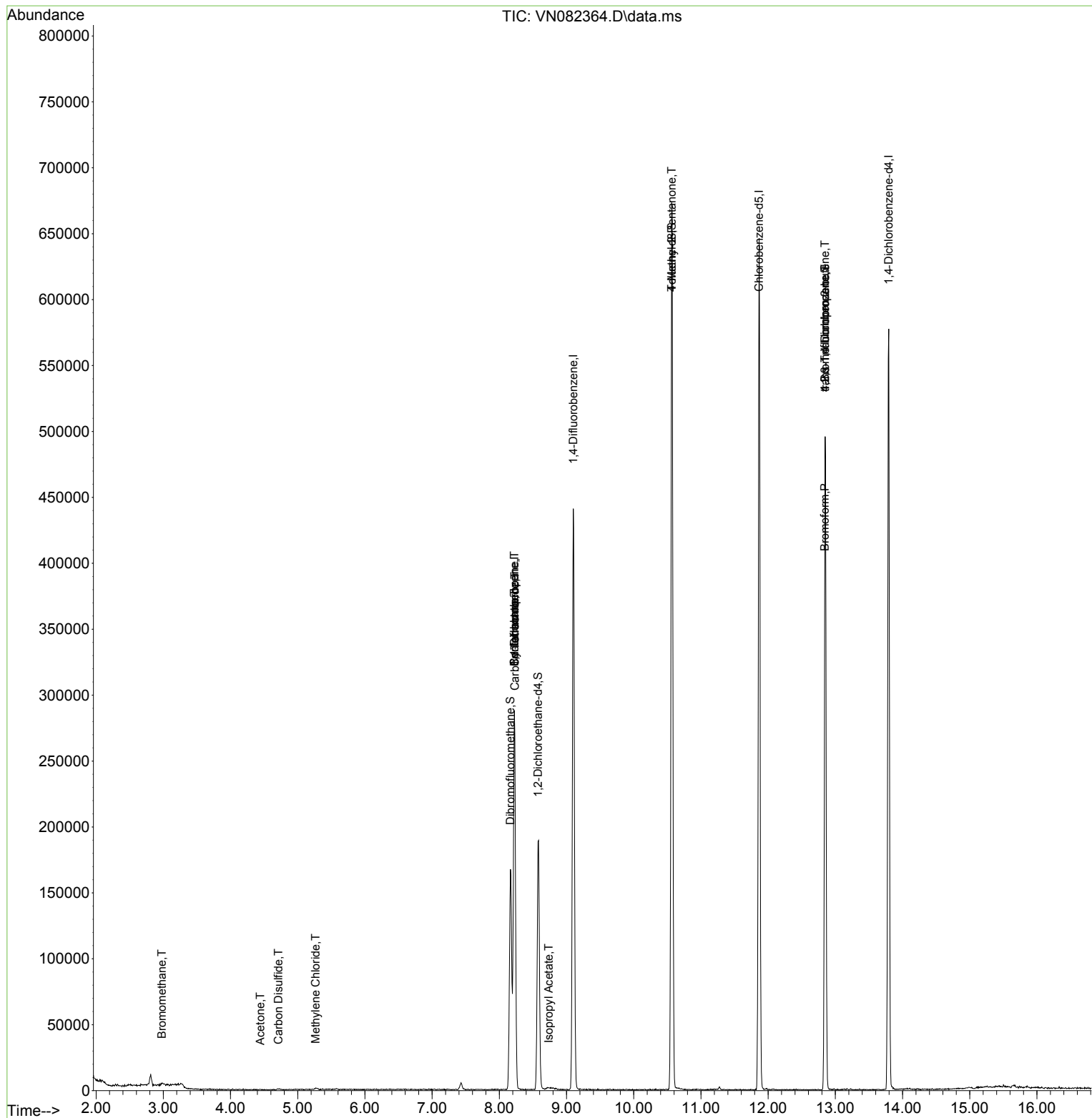
Internal Standards						
1) Pentafluorobenzene	8.224	168	201170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	355973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	335128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159720	50.281	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.560%	
35) Dibromofluoromethane	8.165	113	114810	52.430	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.860%	
50) Toluene-d8	10.565	98	444687	52.968	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.940%	
62) 4-Bromofluorobenzene	12.847	95	157745	52.642	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 105.280%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	917	0.516	ug/l	88
16) Acetone	4.442	43	520	0.399	ug/l #	43
17) Carbon Disulfide	4.712	76	1447	0.204	ug/l #	74
20) Methylene Chloride	5.265	84	906	0.345	ug/l #	48
31) Cyclohexane	8.224	56	5911	1.165	ug/l #	49
36) 1,1-Dichloropropene	8.224	75	17966	4.892	ug/l #	49
38) Carbon Tetrachloride	8.230	117	22050	5.923	ug/l #	15
43) Isopropyl Acetate	8.736	43	1805	0.248	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	2833	0.685	ug/l #	1
71) Bromoform	12.841	173	204	0.805	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	93345	30.414	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	93345	71.137	ug/l #	12

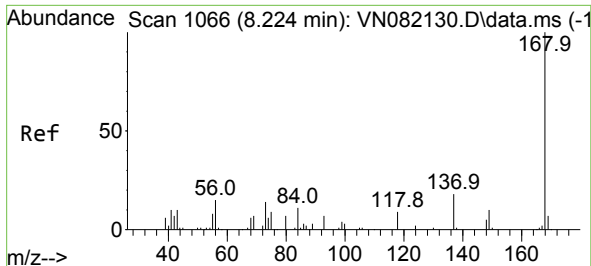
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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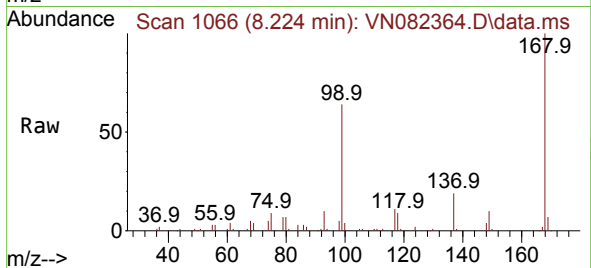
Quant Time: May 30 05:40:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



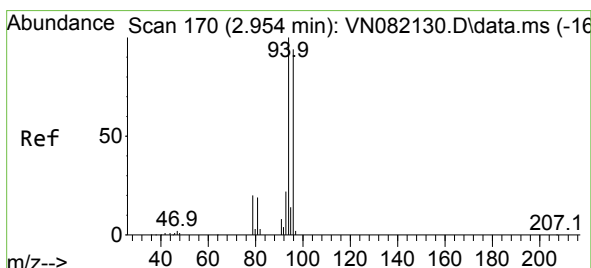
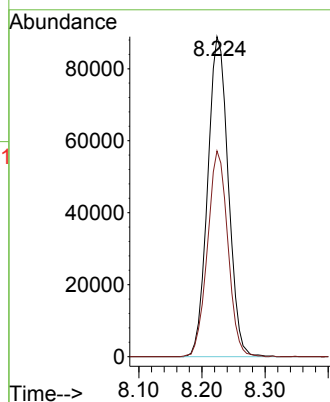
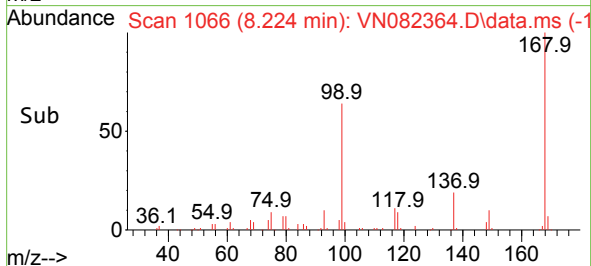


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082364.D
Acq: 29 May 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :

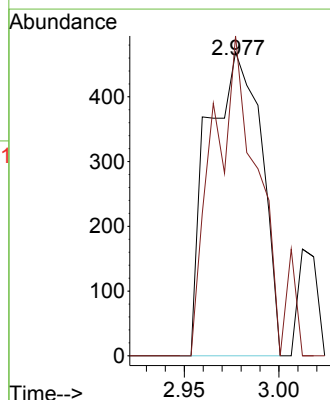
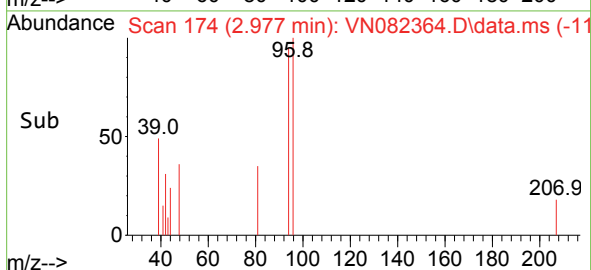
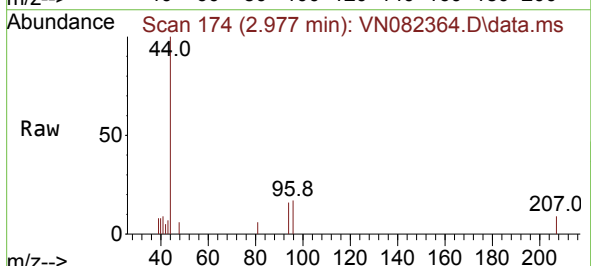


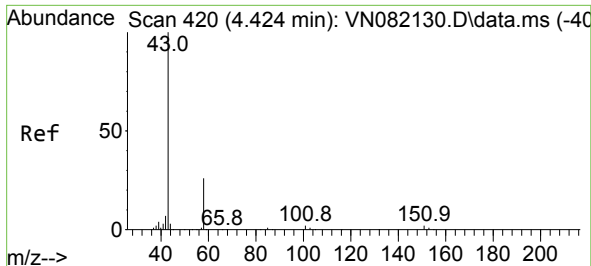
Tgt Ion:168 Resp: 201170
Ion Ratio Lower Upper
168 100
99 64.3 48.2 72.4



#5
Bromomethane
Concen: 0.516 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.024 min
Lab File: VN082364.D
Acq: 29 May 2024 11:15

Tgt Ion: 94 Resp: 917
Ion Ratio Lower Upper
94 100
96 105.3 74.8 112.2

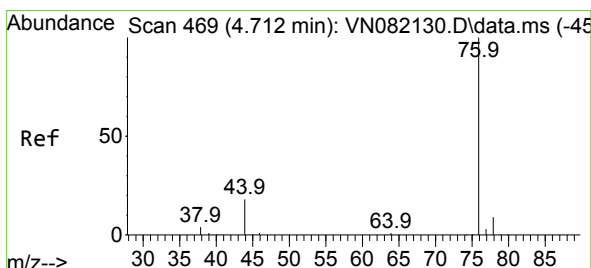
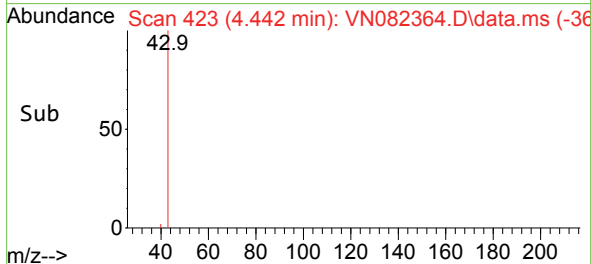
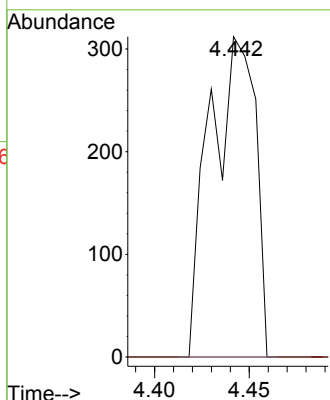
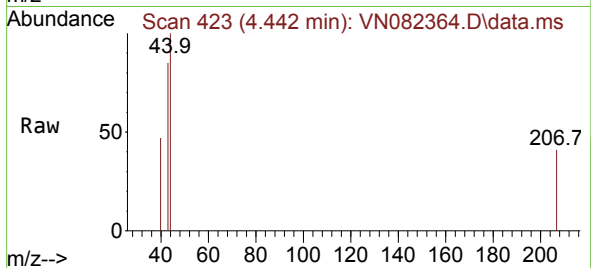




#16
Acetone
Concen: 0.399 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082364.D
Acq: 29 May 2024 11:15

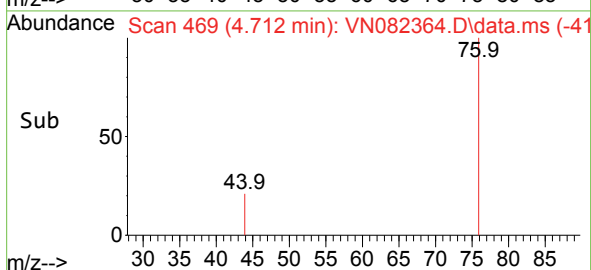
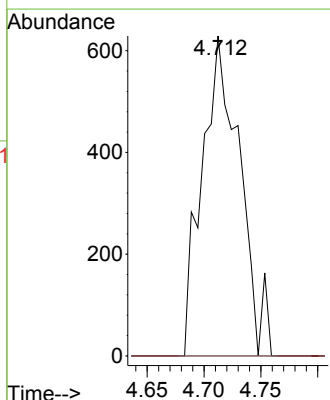
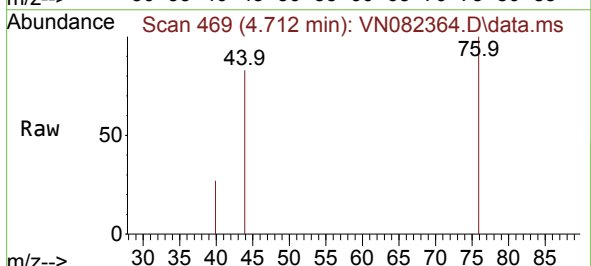
Instrument :
MSVOA_N
ClientSampleId :

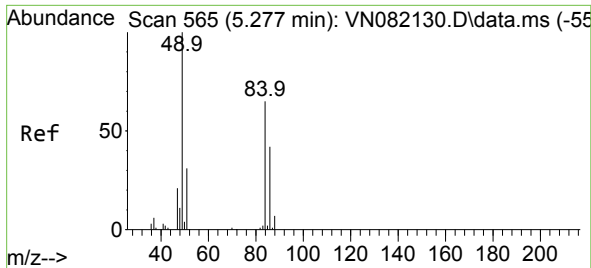
Tgt Ion: 43 Resp: 520
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082364.D
Acq: 29 May 2024 11:15

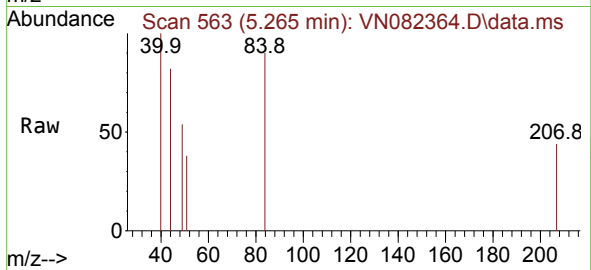
Tgt Ion: 76 Resp: 1447
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



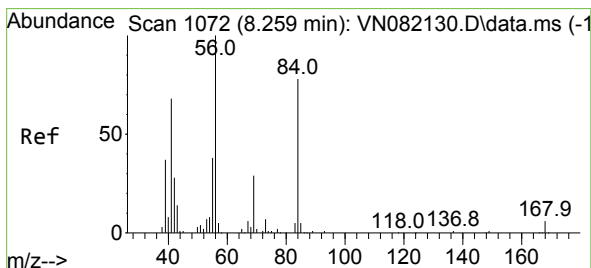
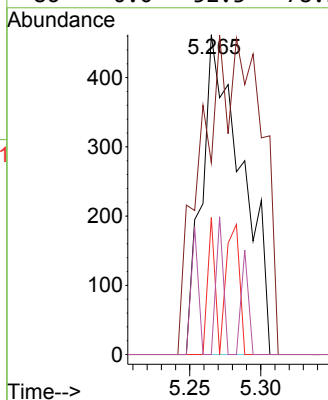
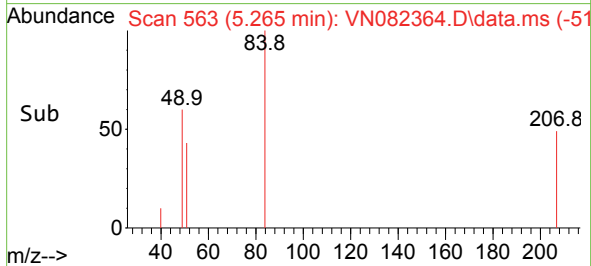


#20
Methylene Chloride
Concen: 0.345 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN082364.D
Acq: 29 May 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :

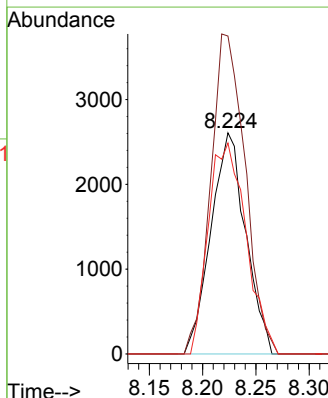
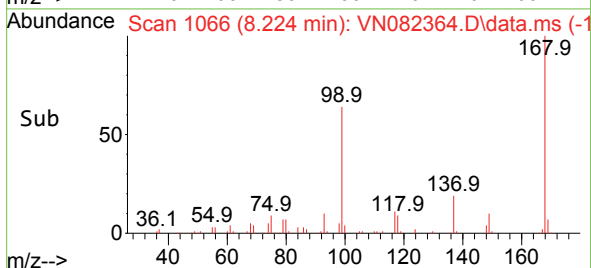
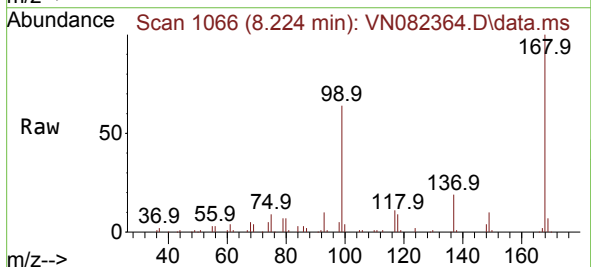


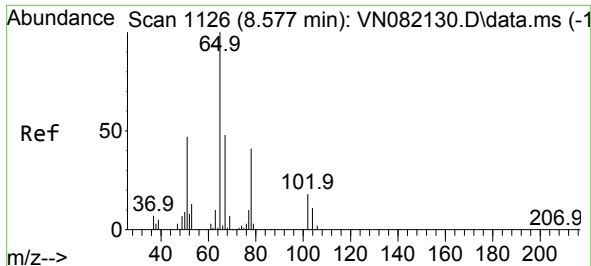
Tgt Ion: 84	Resp: 906
Ion Ratio	Lower Upper
84 100	
49 60.0	84.9 127.3#
51 42.9	27.0 40.6#
86 0.0	52.3 78.5#



#31
Cyclohexane
Concen: 1.165 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082364.D
Acq: 29 May 2024 11:15

Tgt Ion: 56	Resp: 5911
Ion Ratio	Lower Upper
56 100	
69 143.8	24.4 36.6#
84 95.4	77.0 115.4

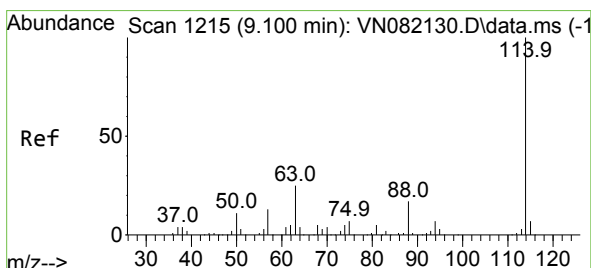
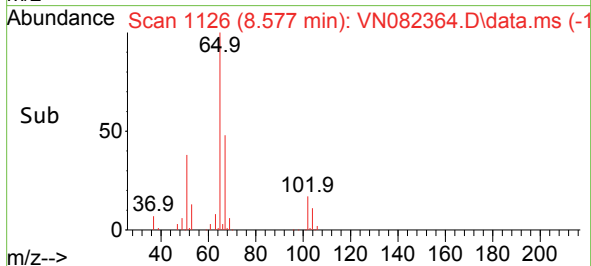
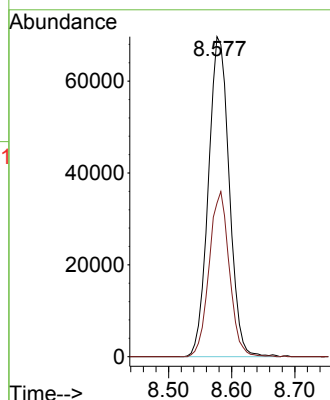
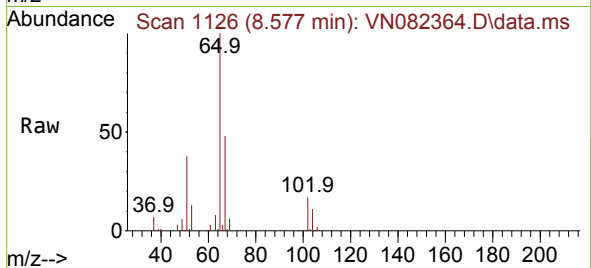




#33
1,2-Dichloroethane-d4
Concen: 50.281 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082364.D
Acq: 29 May 2024 11:15

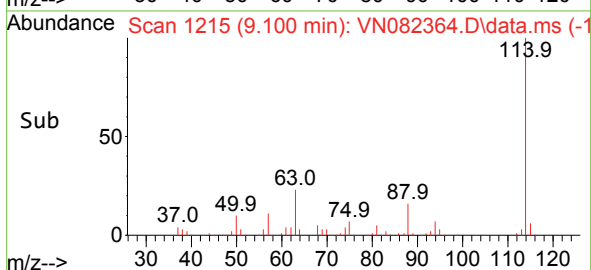
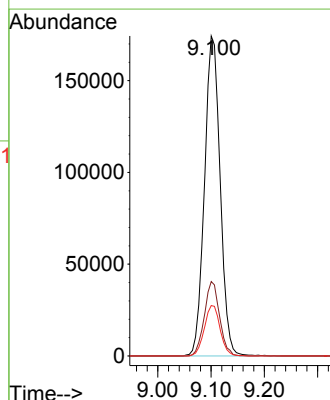
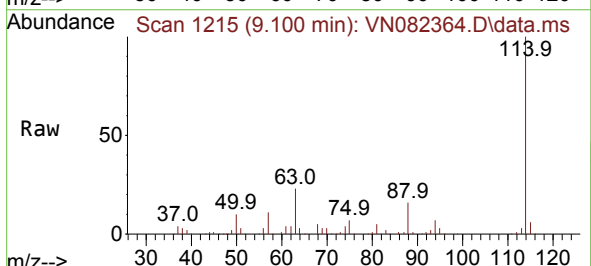
Instrument :
MSVOA_N
ClientSampleId :

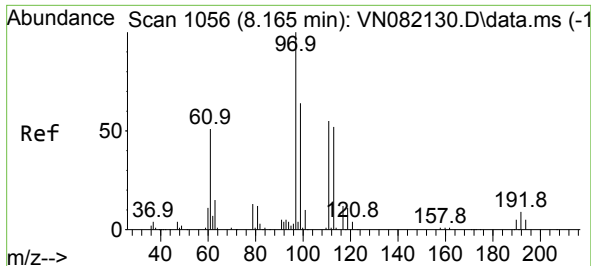
Tgt Ion: 65 Resp: 159720
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN082364.D
Acq: 29 May 2024 11:15

Tgt Ion: 114 Resp: 355973
Ion Ratio Lower Upper
114 100
63 23.2 0.0 41.0
88 15.7 0.0 31.4

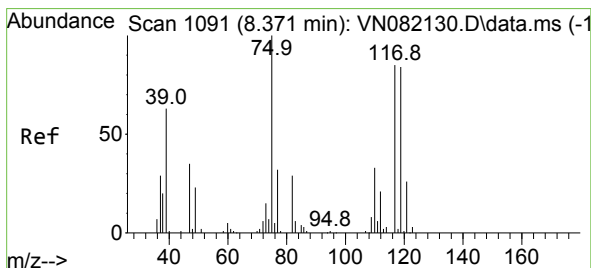
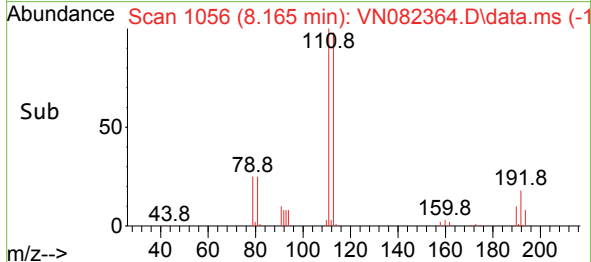
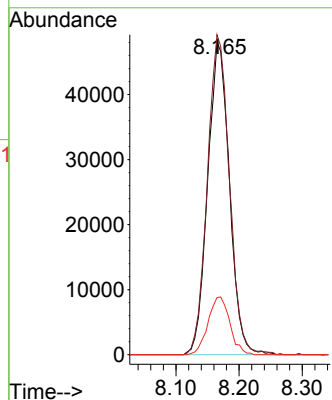
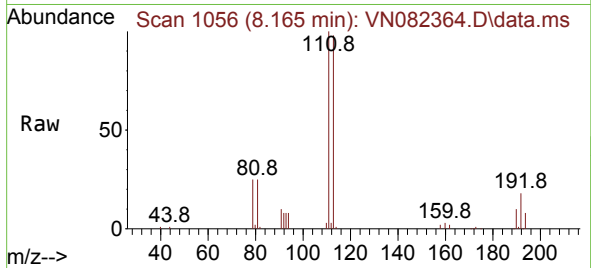




#35
Dibromofluoromethane
Concen: 52.430 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082364.D
Acq: 29 May 2024 11:15

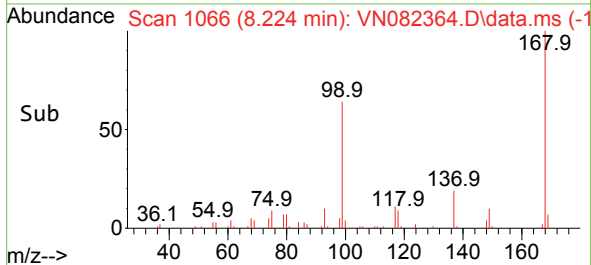
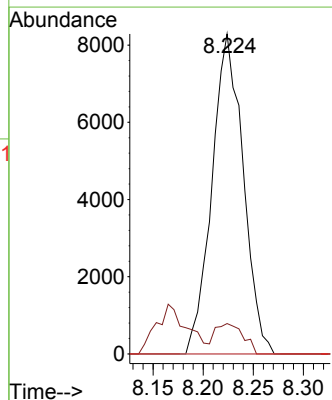
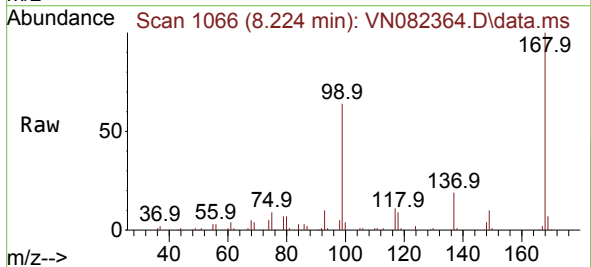
Instrument :
MSVOA_N
ClientSampleId :

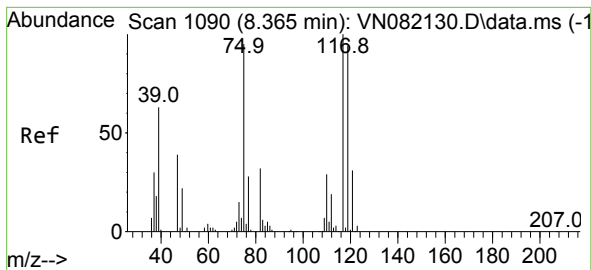
Tgt Ion:113 Resp: 114810
Ion Ratio Lower Upper
113 100
111 104.1 83.4 125.2
192 18.5 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.892 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082364.D
Acq: 29 May 2024 11:15

Tgt Ion: 75 Resp: 17966
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.923 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.135 min

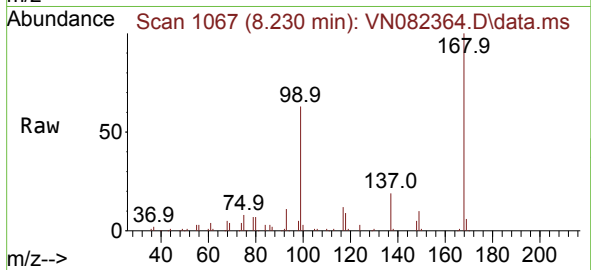
Lab File: VN082364.D

Acq: 29 May 2024 11:15

Instrument :

MSVOA_N

ClientSampleId :



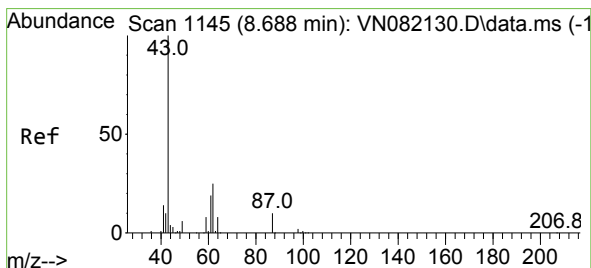
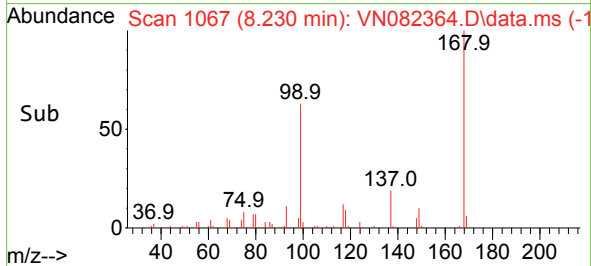
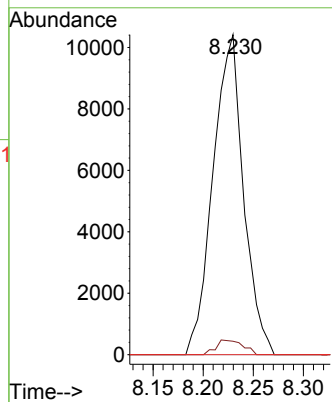
Tgt Ion:117 Resp: 22050

Ion Ratio Lower Upper

117 100

119 4.2 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.248 ug/l

RT: 8.736 min Scan# 1153

Delta R.T. 0.047 min

Lab File: VN082364.D

Acq: 29 May 2024 11:15

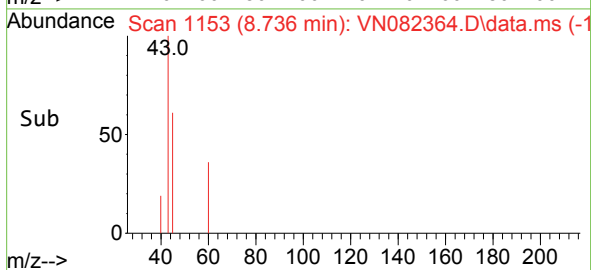
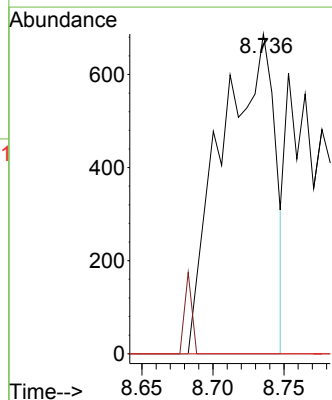
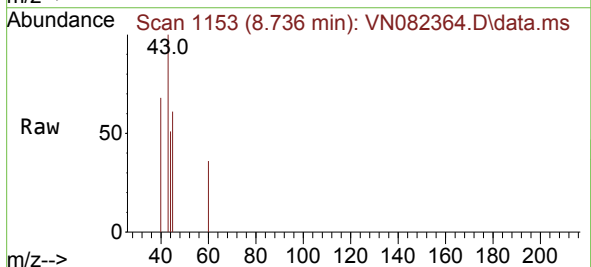
Tgt Ion: 43 Resp: 1805

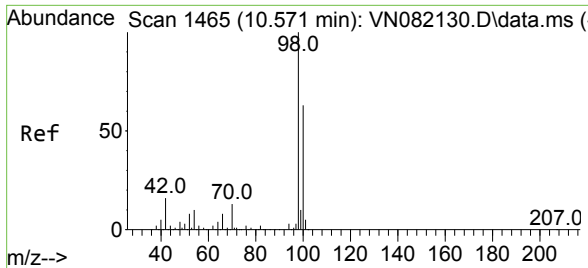
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

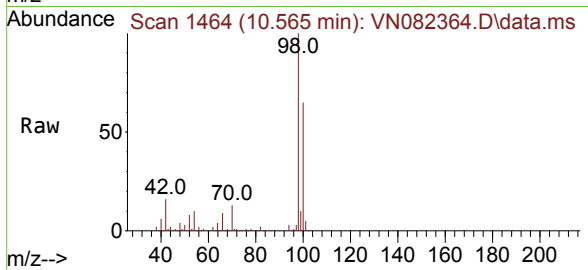
87 0.0 12.0 18.0#



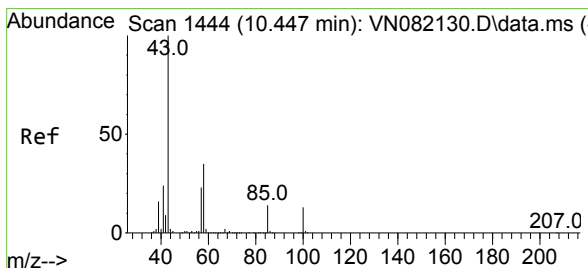
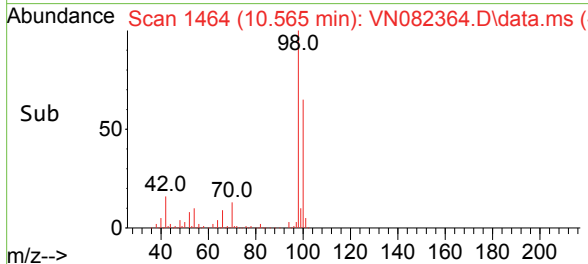
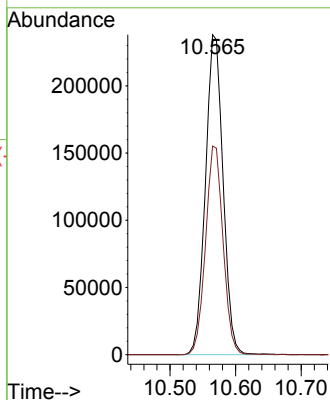


#50
Toluene-d8
Concen: 52.968 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082364.D
Acq: 29 May 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :

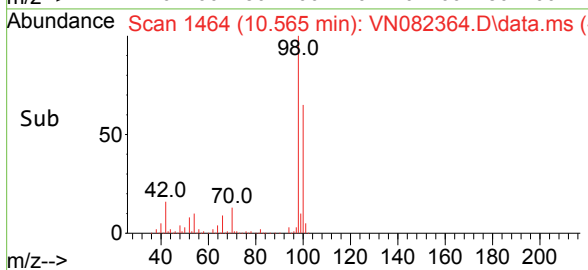
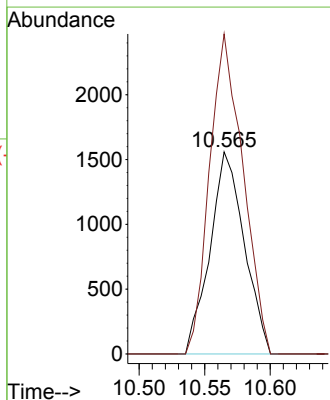
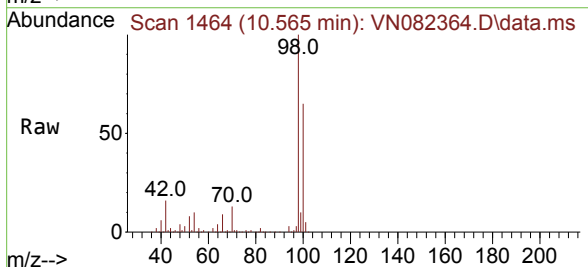


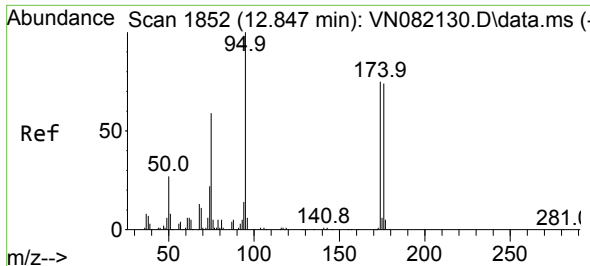
Tgt Ion: 98 Resp: 444687
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.685 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082364.D
Acq: 29 May 2024 11:15

Tgt Ion: 43 Resp: 2833
Ion Ratio Lower Upper
43 100
58 154.7 33.2 49.8#

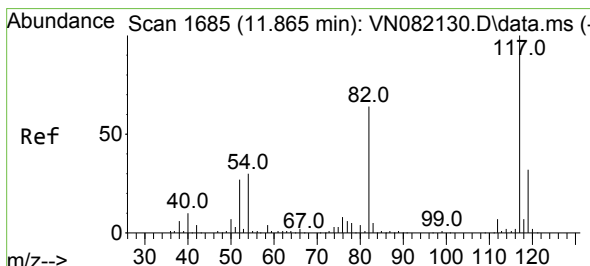
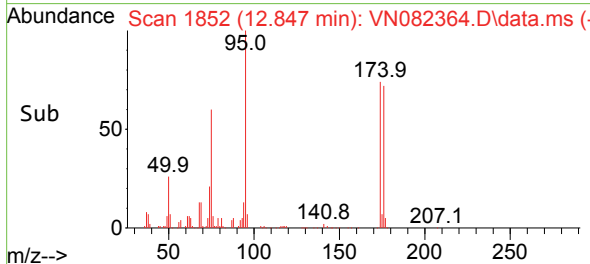
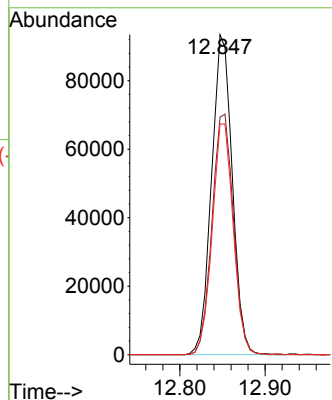
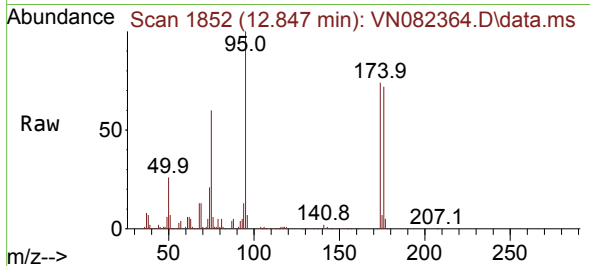




#62
4-Bromofluorobenzene
Concen: 52.642 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082364.D
Acq: 29 May 2024 11:15

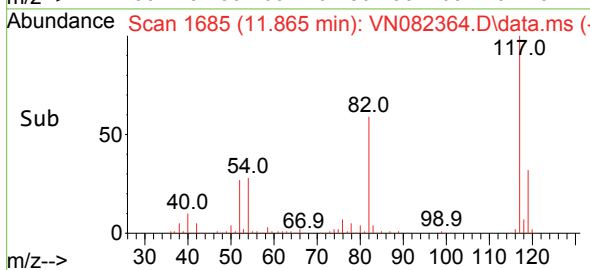
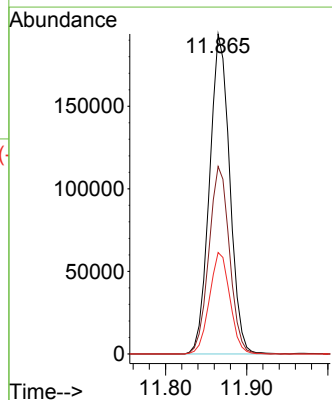
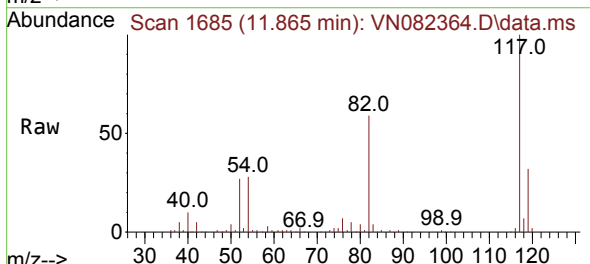
Instrument :
MSVOA_N
ClientSampleId :

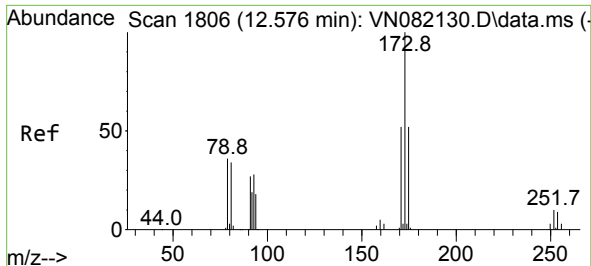
Tgt Ion: 95 Resp: 157745
Ion Ratio Lower Upper
95 100
174 77.9 0.0 160.6
176 73.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082364.D
Acq: 29 May 2024 11:15

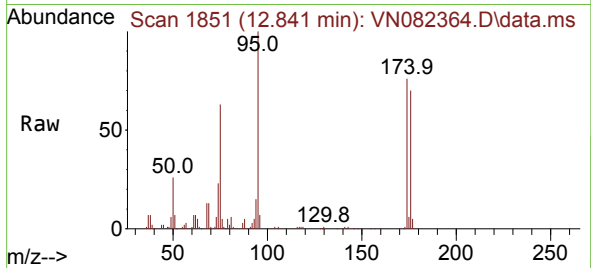
Tgt Ion: 117 Resp: 335128
Ion Ratio Lower Upper
117 100
82 58.6 44.6 66.8
119 31.7 25.9 38.9



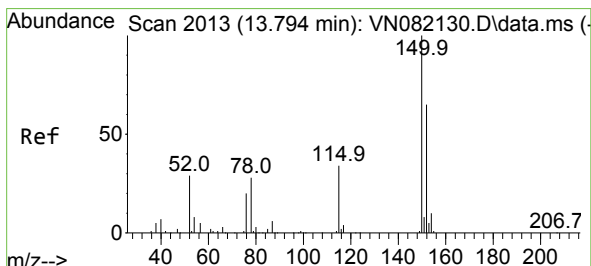
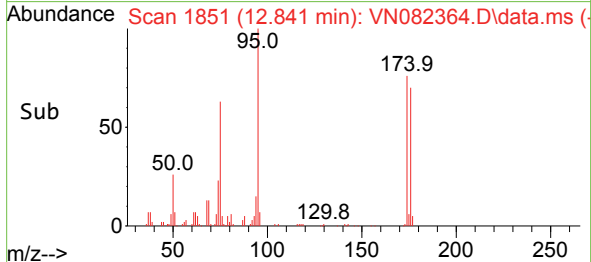
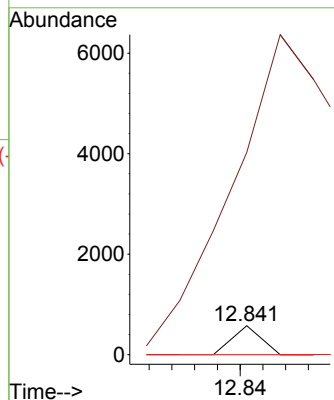


#71
Bromoform
Concen: 0.805 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN082364.D
Acq: 29 May 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :

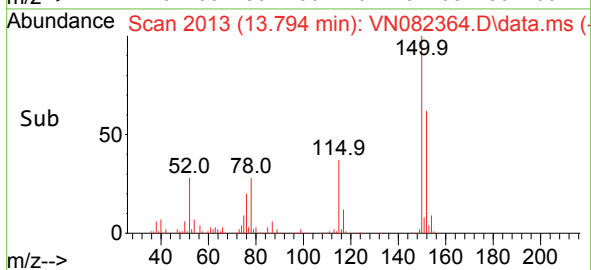
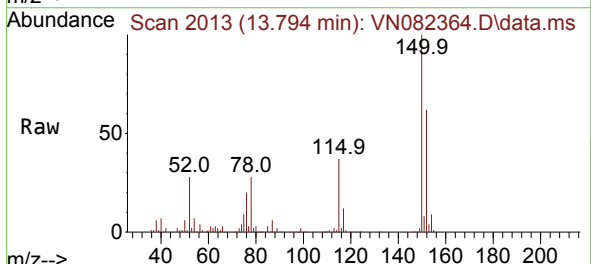
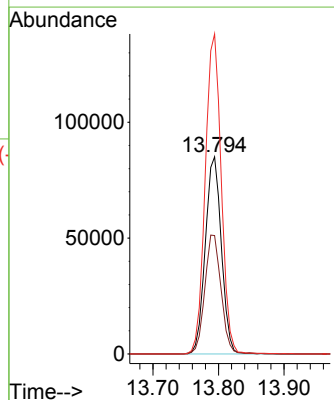


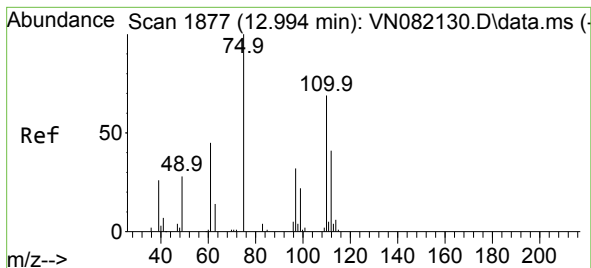
Tgt Ion:173 Resp: 204
Ion Ratio Lower Upper
173 100
175 3414.7 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082364.D
Acq: 29 May 2024 11:15

Tgt Ion:152 Resp: 145819
Ion Ratio Lower Upper
152 100
115 60.7 30.4 91.3
150 161.0 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 30.414 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082364.D

Acq: 29 May 2024 11:15

Instrument :

MSVOA_N

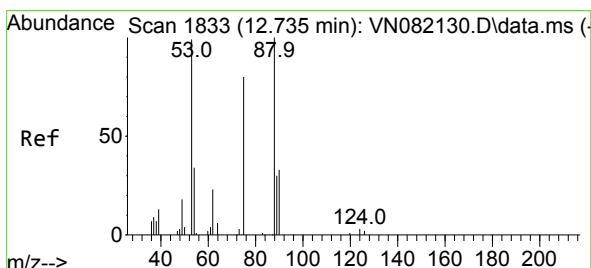
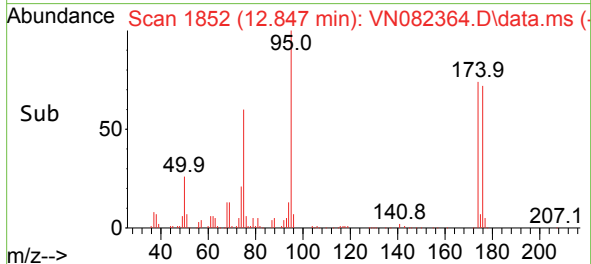
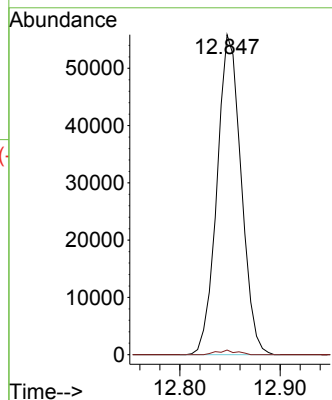
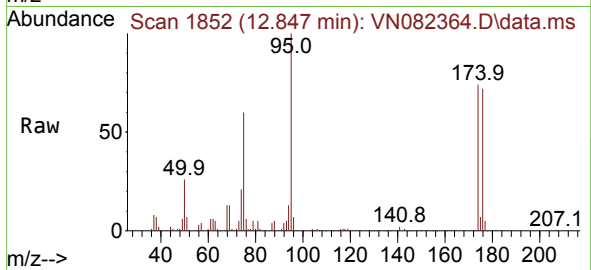
ClientSampleId :

Tgt Ion: 75 Resp: 93345

Ion Ratio Lower Upper

75 100

77 1.2 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.137 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN082364.D

Acq: 29 May 2024 11:15

Tgt Ion: 75 Resp: 93345

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

