

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082320.D
 Acq On : 23 May 2024 14:42
 Operator : JC\MD
 Sample : P2558-01 40X
 Misc : 1.12g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 24 04:18:47 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)

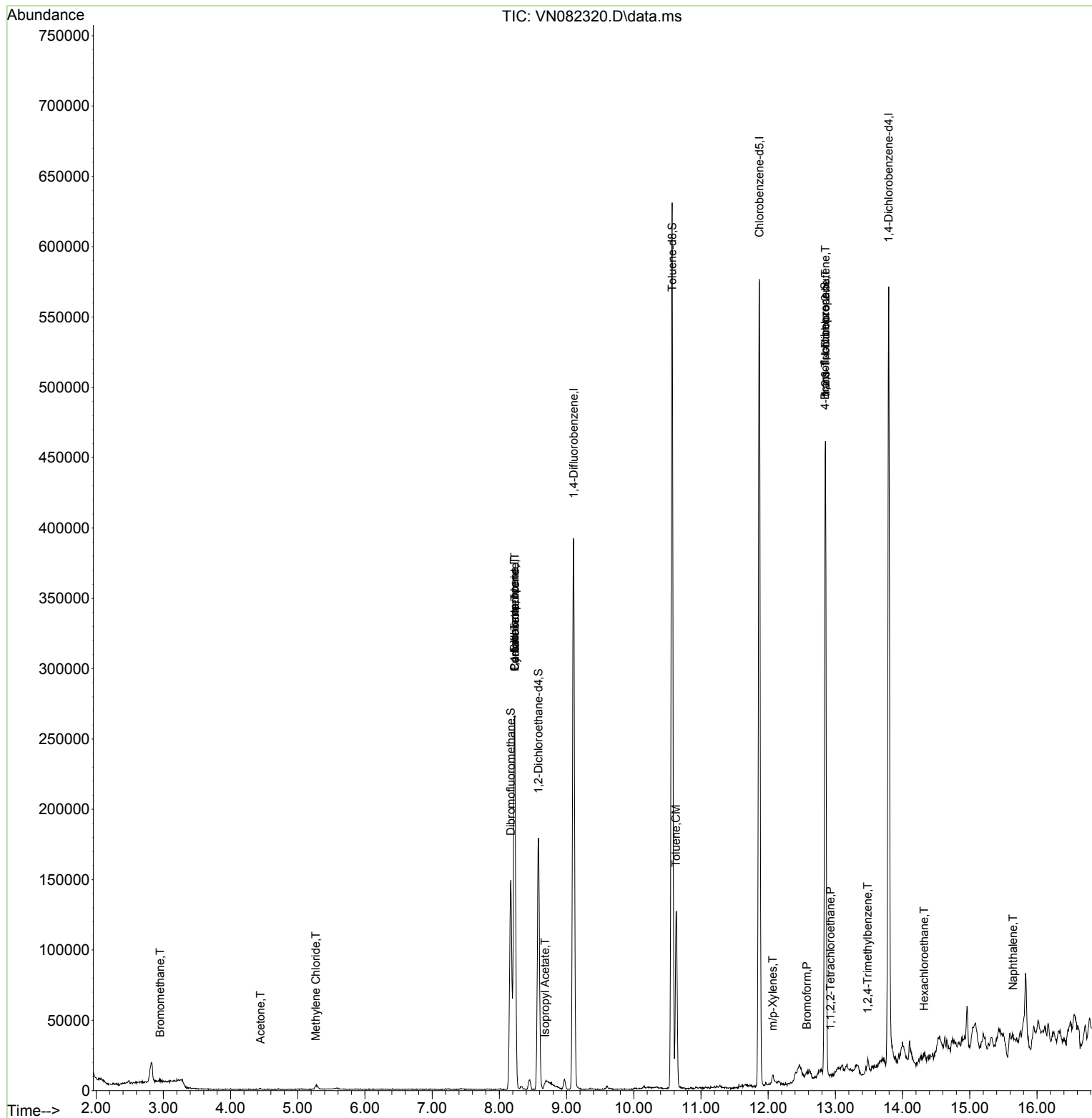
Internal Standards						
1) Pentafluorobenzene	8.230	168	180686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	316017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	303568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	148112	51.913	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.820%			
35) Dibromofluoromethane	8.171	113	101260	52.089	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.180%			
50) Toluene-d8	10.571	98	406645	54.560	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.120%			
62) 4-Bromofluorobenzene	12.847	95	146379	55.026	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 110.060%			
Target Compounds					Qvalue	
5) Bromomethane	2.954	94	819	0.513	ug/l #	63
16) Acetone	4.448	43	1206	1.030	ug/l #	43
20) Methylene Chloride	5.271	84	2133	0.903	ug/l	93
31) Cyclohexane	8.230	56	6454	1.416	ug/l #	67
36) 1,1-Dichloropropene	8.224	75	16936	5.194	ug/l #	49
38) Carbon Tetrachloride	8.230	117	19663	5.949	ug/l #	15
43) Isopropyl Acetate	8.683	43	5284	0.817	ug/l #	52
52) Toluene	10.629	92	53047	9.092	ug/l	98
68) m/p-Xylenes	12.071	106	1531	0.348	ug/l #	43
71) Bromoform	12.576	173	202	0.814	ug/l #	28
75) 1,1,2,2-Tetrachloroethane	12.929	83	648	0.212	ug/l #	14
76) 1,2,3-Trichloropropane	12.853	75	86568	30.852	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	86568	72.161	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.482	105	3386	0.386	ug/l	97
90) Hexachloroethane	14.323	117	697	0.446	ug/l #	17
95) Naphthalene	15.647	128	4590	0.604	ug/l #	60

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

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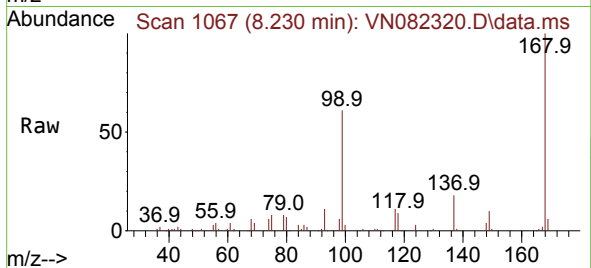
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



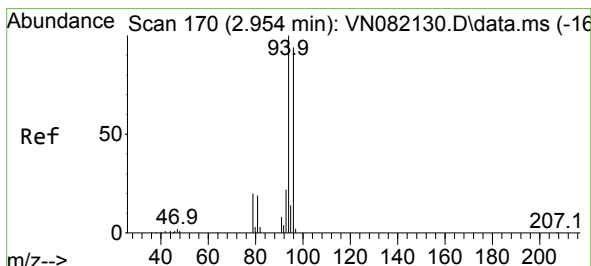
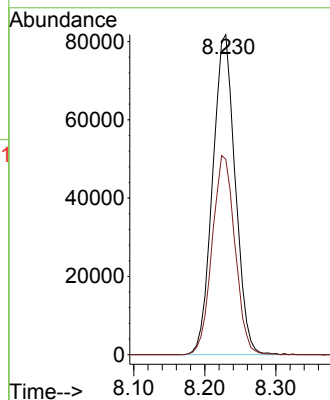
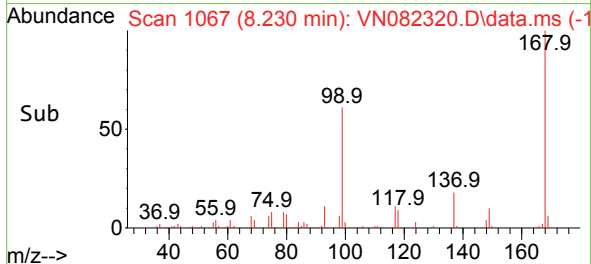


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :

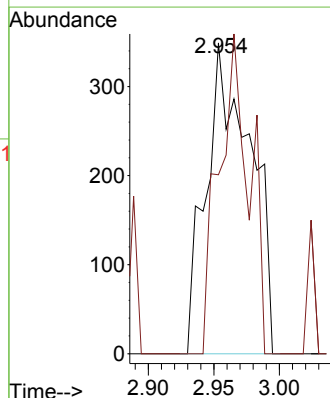
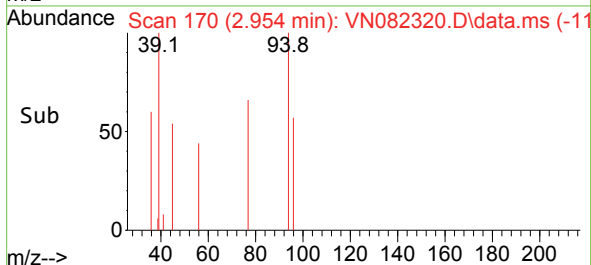
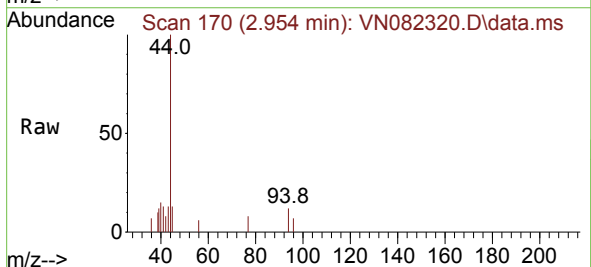


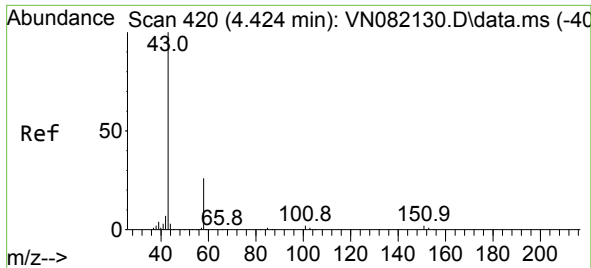
Tgt Ion:168 Resp: 180686
Ion Ratio Lower Upper
168 100
99 61.1 48.2 72.4



#5
Bromomethane
Concen: 0.513 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

Tgt Ion: 94 Resp: 819
Ion Ratio Lower Upper
94 100
96 57.6 74.8 112.2#





#16

Acetone

Concen: 1.030 ug/l

RT: 4.448 min Scan# 41

Delta R.T. 0.024 min

Lab File: VN082320.D

Acq: 23 May 2024 14:42

Instrument :

MSVOA_N

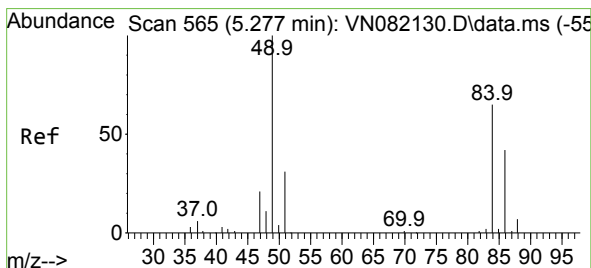
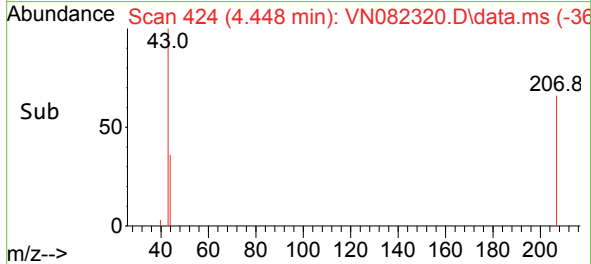
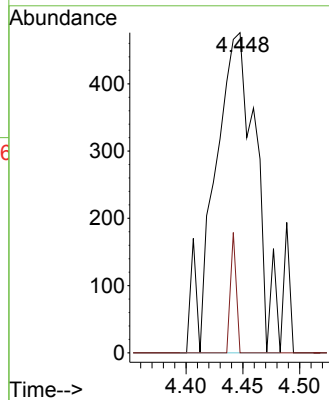
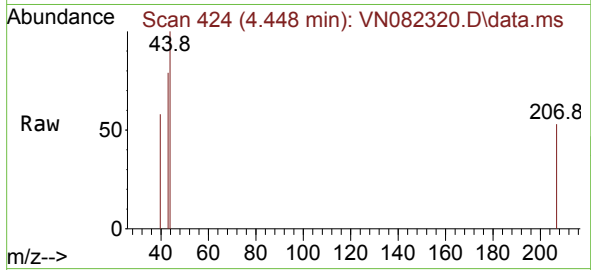
ClientSampleId :

Tgt Ion: 43 Resp: 1206

Ion Ratio Lower Upper

43 100

58 0.0 25.2 37.8#



#20

Methylene Chloride

Concen: 0.903 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN082320.D

Acq: 23 May 2024 14:42

Tgt Ion: 84 Resp: 2133

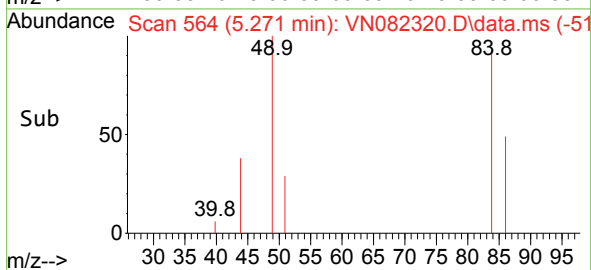
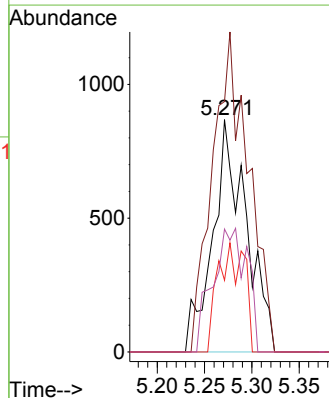
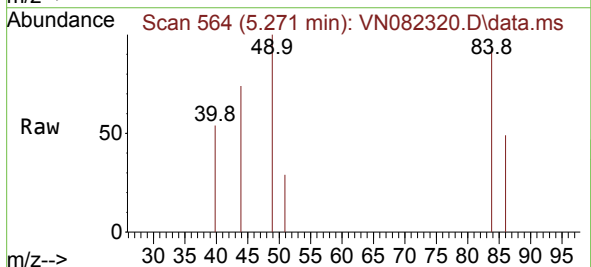
Ion Ratio Lower Upper

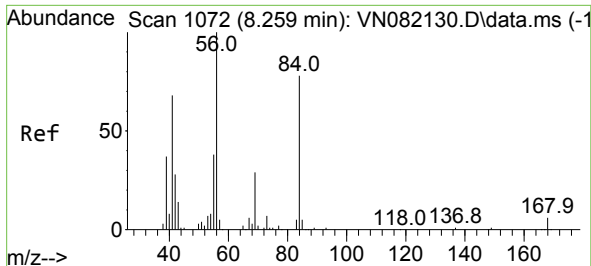
84 100

49 107.8 84.9 127.3

51 30.9 27.0 40.6

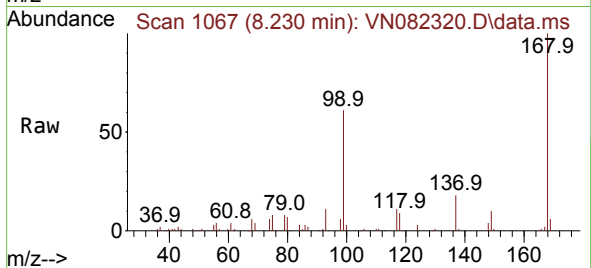
86 52.9 52.3 78.5



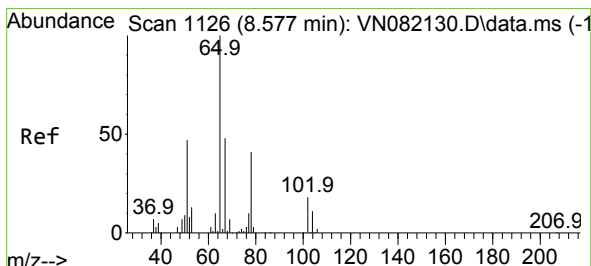
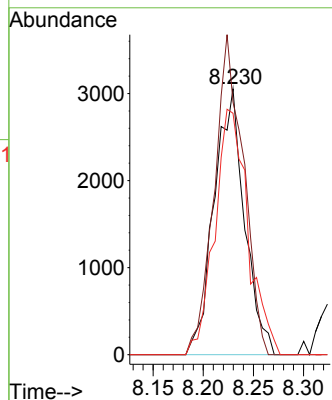
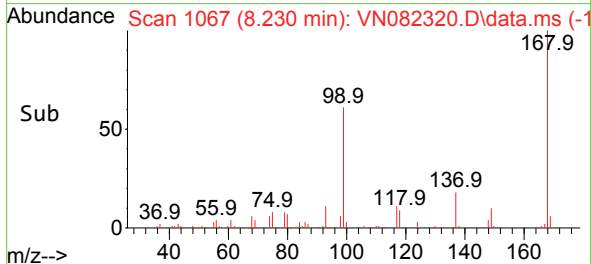


#31
Cyclohexane
Concen: 1.416 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :

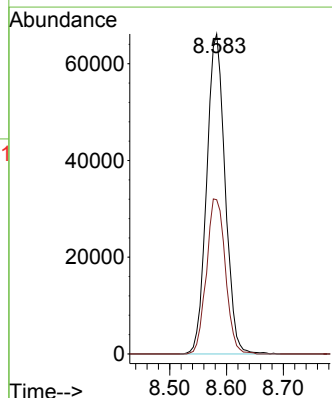
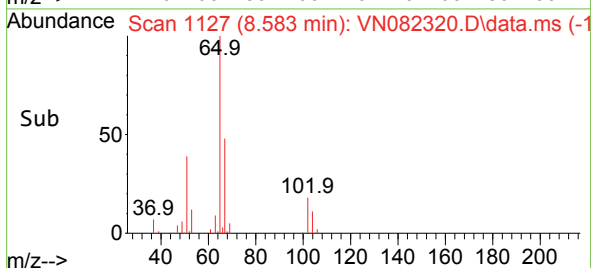
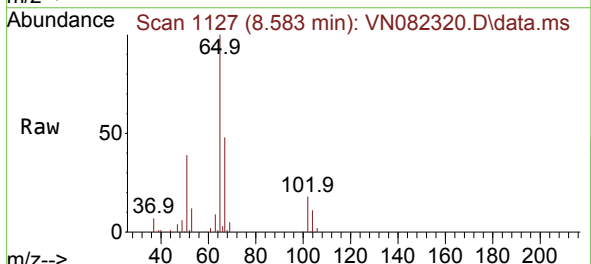


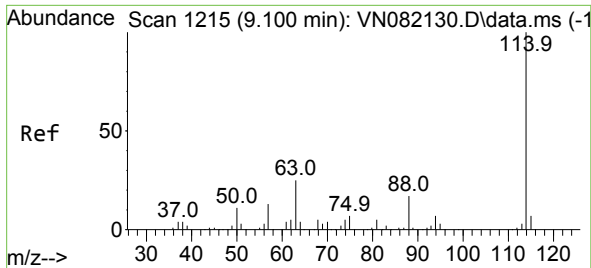
Tgt Ion: 56 Resp: 6454
Ion Ratio Lower Upper
56 100
69 95.0 24.4 36.6#
84 90.8 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 51.913 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

Tgt Ion: 65 Resp: 148112
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.0

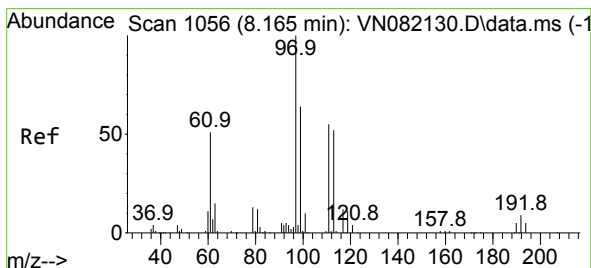
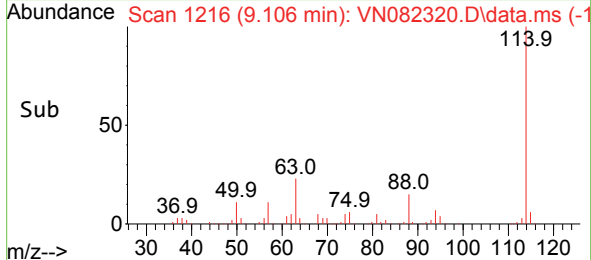
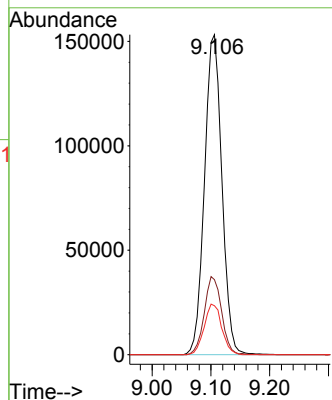
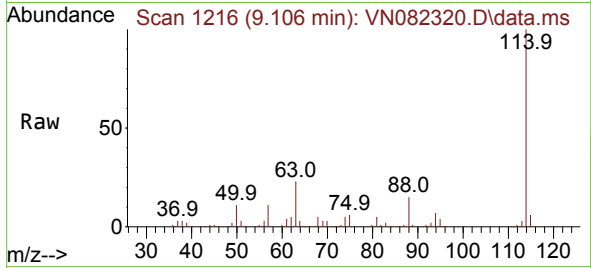




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

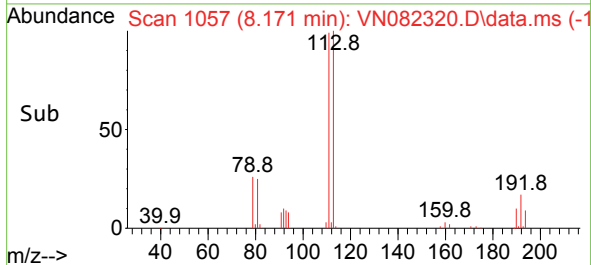
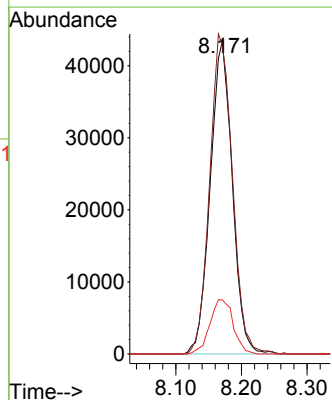
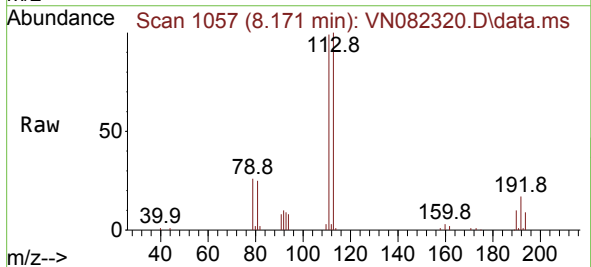
Instrument :
MSVOA_N
ClientSampleId :

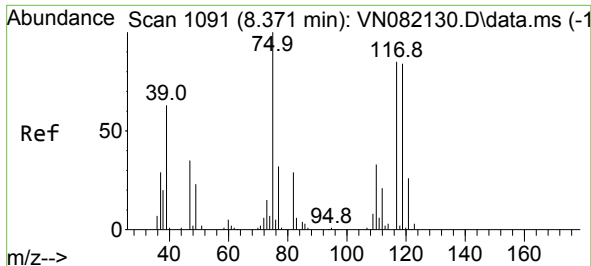
Tgt Ion:114 Resp: 316017
Ion Ratio Lower Upper
114 100
63 23.4 0.0 41.0
88 15.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.089 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

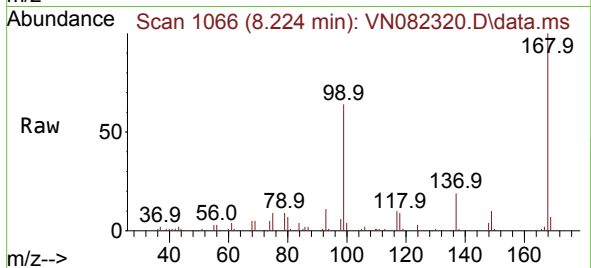
Tgt Ion:113 Resp: 101260
Ion Ratio Lower Upper
113 100
111 105.4 83.4 125.2
192 18.4 14.0 21.0



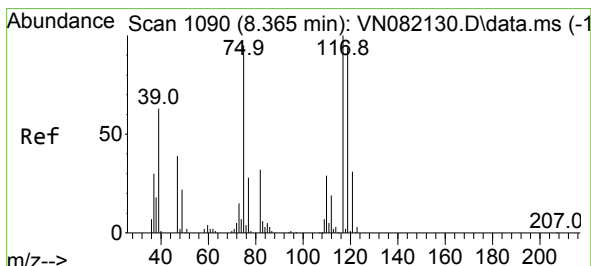
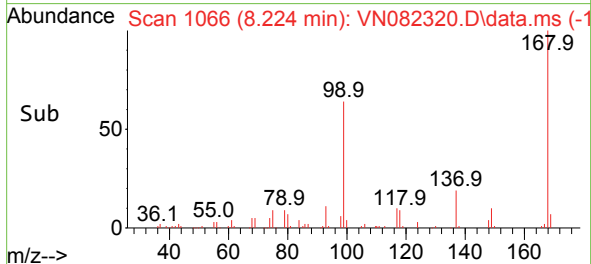
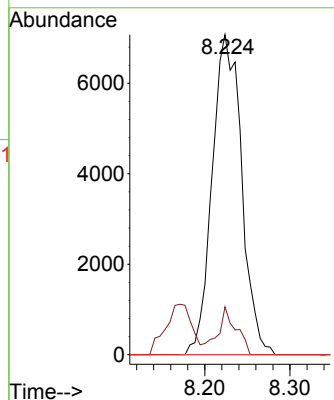


#36
 1,1-Dichloropropene
 Concen: 5.194 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN082320.D
 Acq: 23 May 2024 14:42

Instrument :
 MSVOA_N
 ClientSampleId :

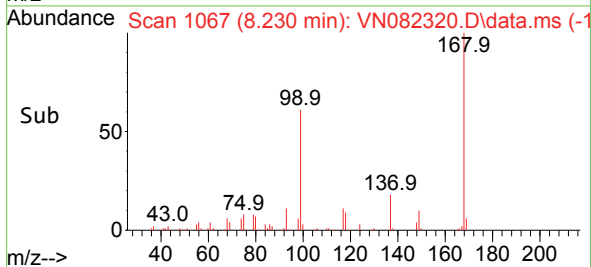
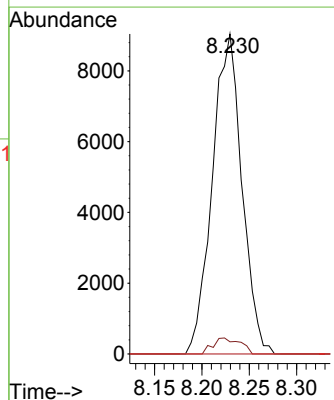
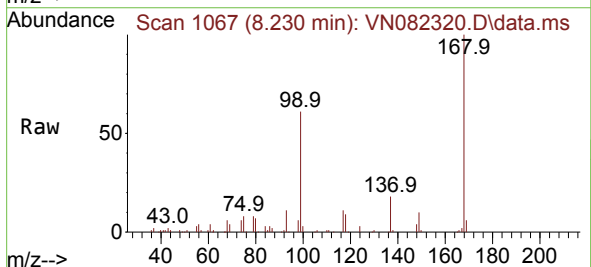


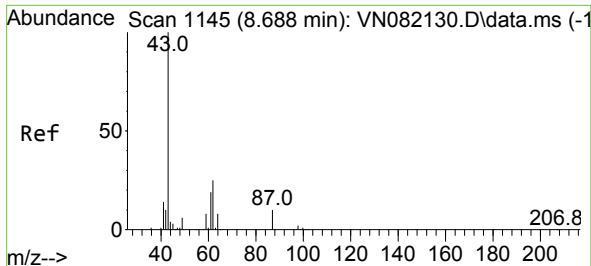
Tgt Ion: 75 Resp: 16936
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.8 53.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.949 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.135 min
 Lab File: VN082320.D
 Acq: 23 May 2024 14:42

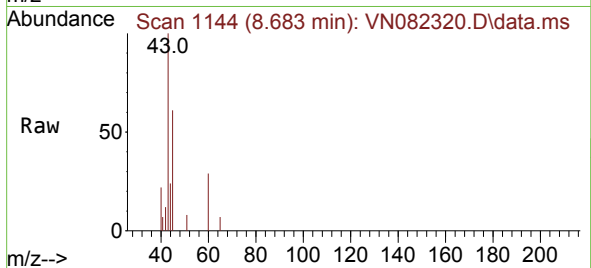
Tgt Ion: 117 Resp: 19663
 Ion Ratio Lower Upper
 117 100
 119 3.8 76.5 114.7#
 121 0.0 23.9 35.9#



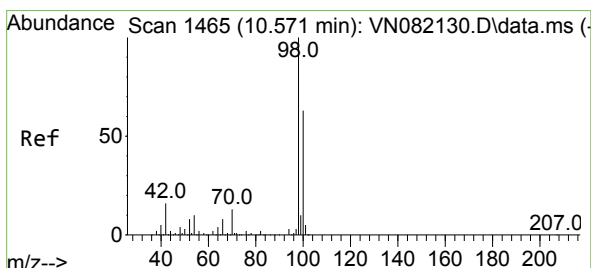
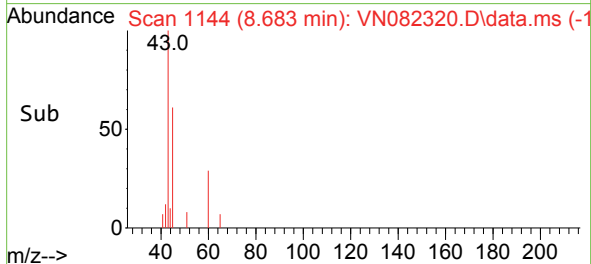
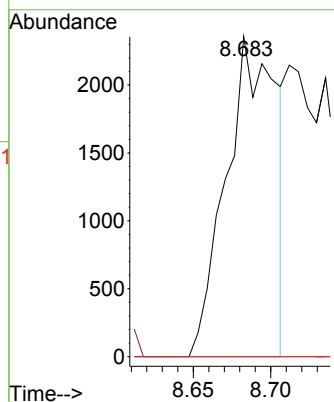


#43
Isopropyl Acetate
Concen: 0.817 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :

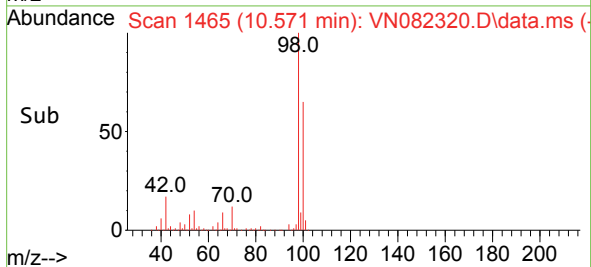
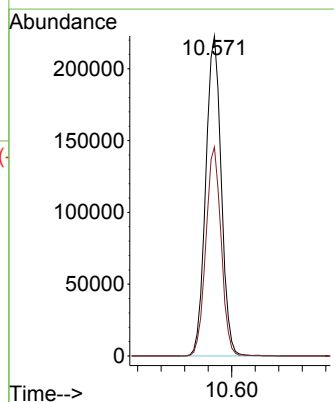
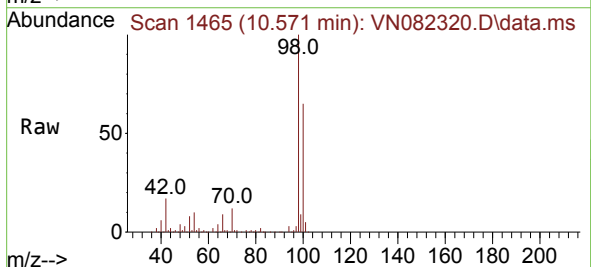


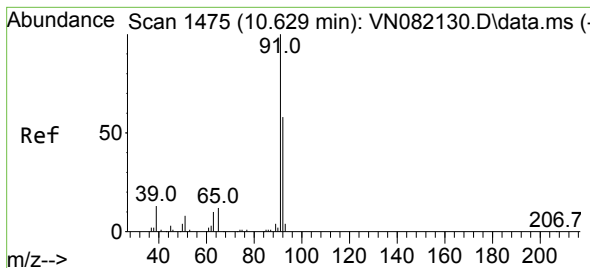
Tgt Ion: 43 Resp: 5284
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 54.560 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

Tgt Ion: 98 Resp: 406645
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6





#52

Toluene

Concen: 9.092 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN082320.D

Acq: 23 May 2024 14:42

Instrument :

MSVOA_N

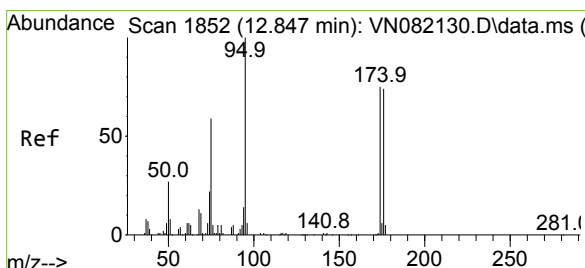
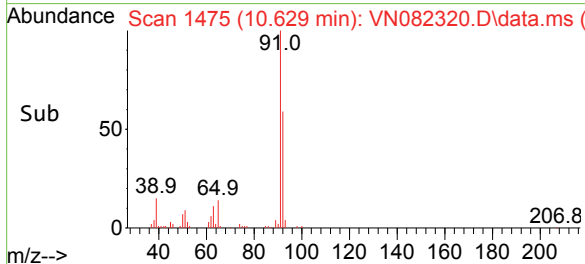
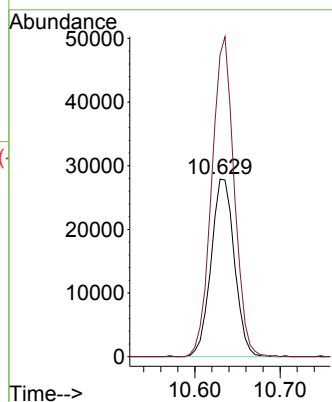
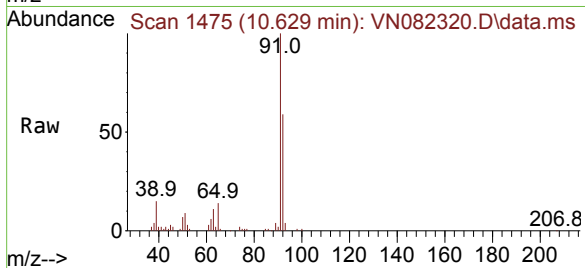
ClientSampleId :

Tgt Ion: 92 Resp: 53047

Ion Ratio Lower Upper

92 100

91 173.2 136.7 205.1



#62

4-Bromofluorobenzene

Concen: 55.026 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN082320.D

Acq: 23 May 2024 14:42

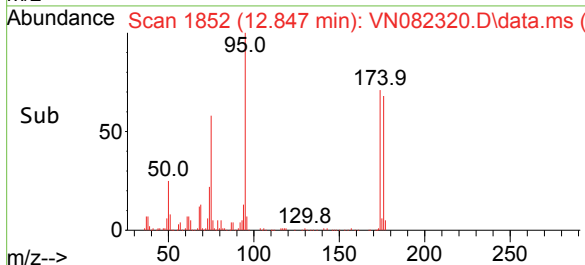
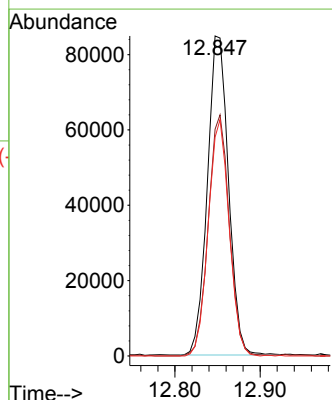
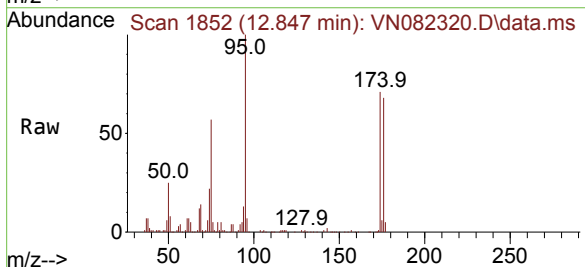
Tgt Ion: 95 Resp: 146379

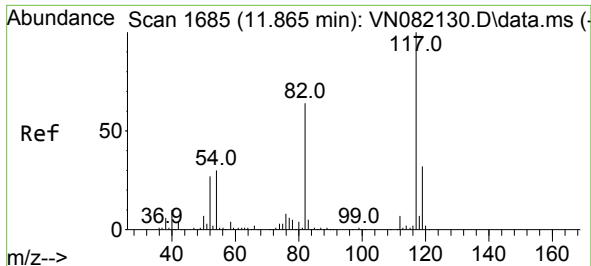
Ion Ratio Lower Upper

95 100

174 75.3 0.0 160.6

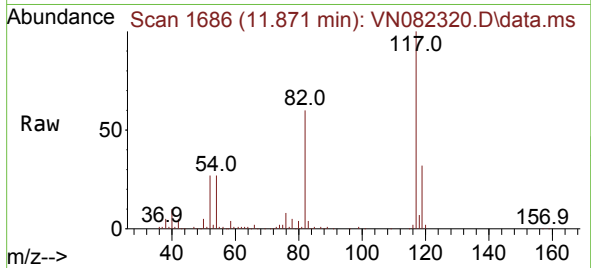
176 72.7 0.0 152.8



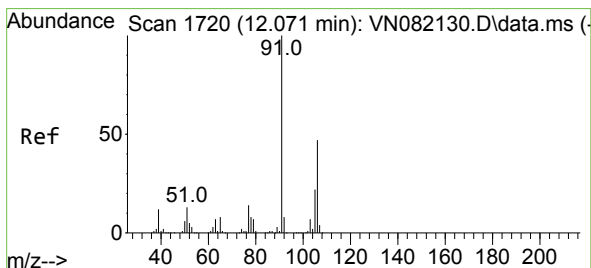
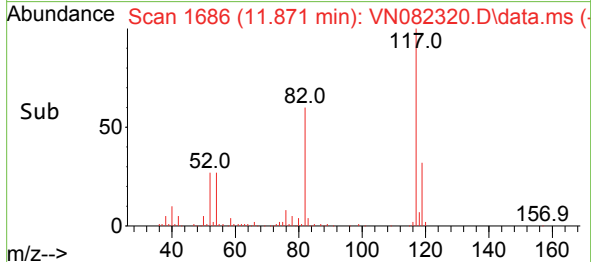
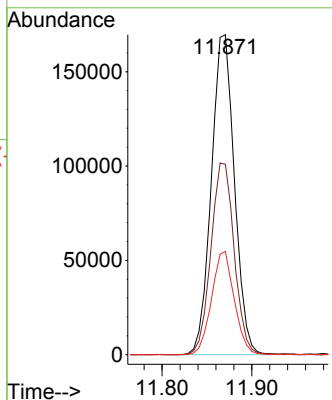


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :

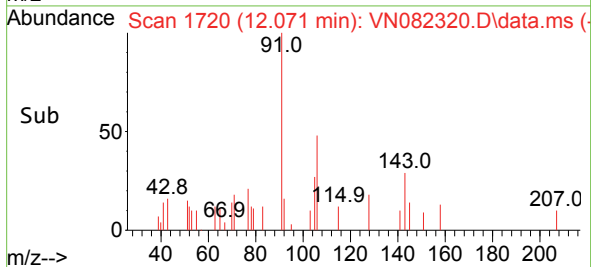
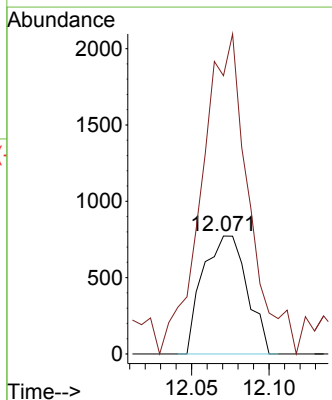
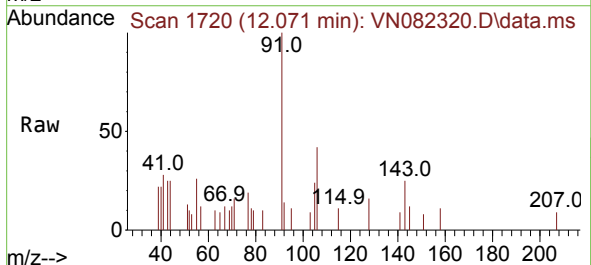


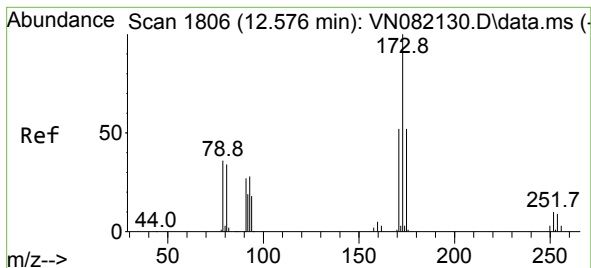
Tgt Ion:117 Resp: 303568
Ion Ratio Lower Upper
117 100
82 59.5 44.6 66.8
119 32.3 25.9 38.9



#68
m/p-Xylenes
Concen: 0.348 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

Tgt Ion:106 Resp: 1531
Ion Ratio Lower Upper
106 100
91 285.9 159.4 239.0#





#71

Bromoform

Concen: 0.814 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN082320.D

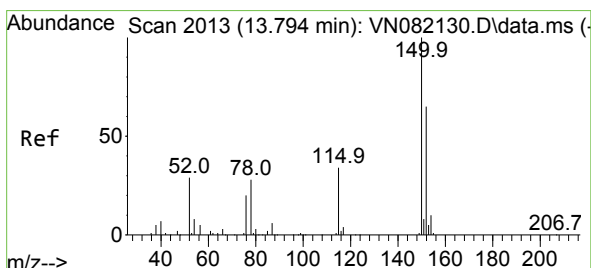
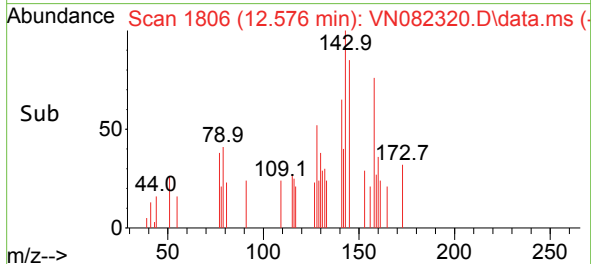
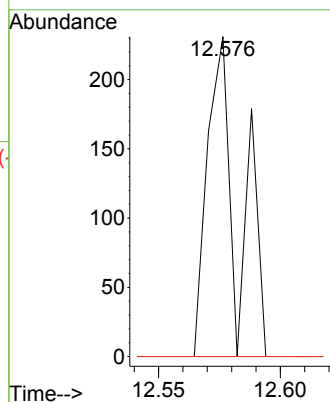
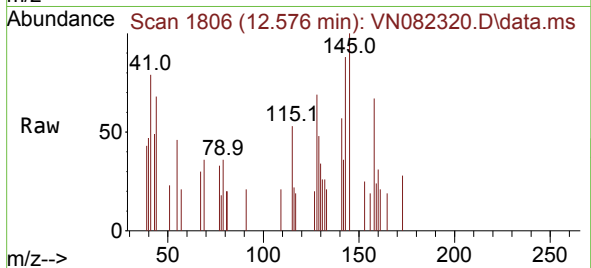
Acq: 23 May 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	202
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.6
254	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

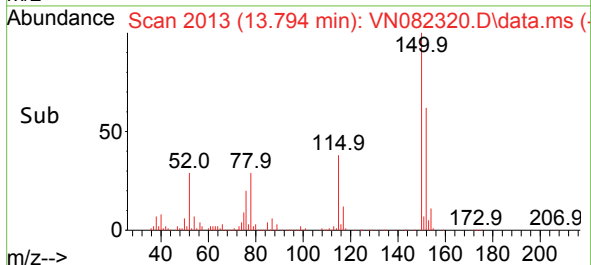
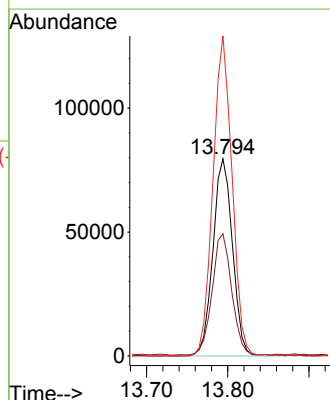
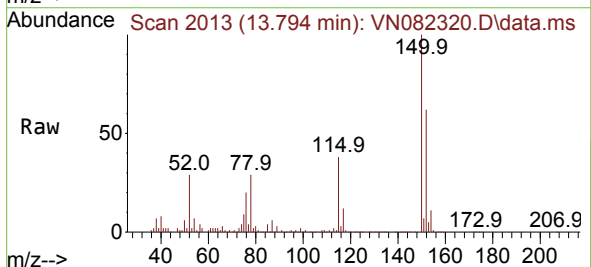
RT: 13.794 min Scan# 2013

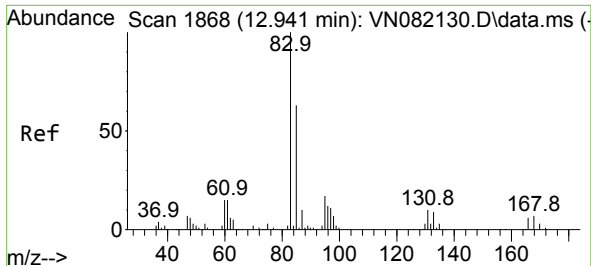
Delta R.T. 0.000 min

Lab File: VN082320.D

Acq: 23 May 2024 14:42

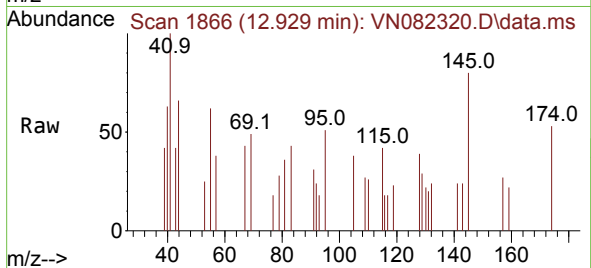
Tgt Ion:152	Resp:	133314
Ion Ratio	Lower	Upper
152	100	
115	61.4	30.4
150	158.3	0.0



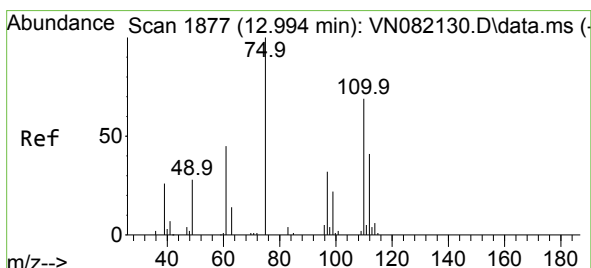
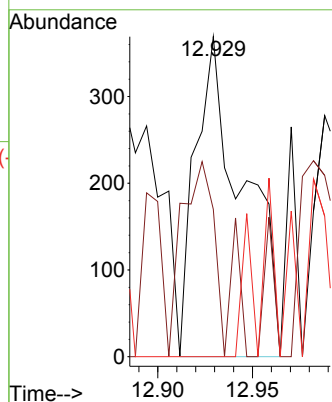
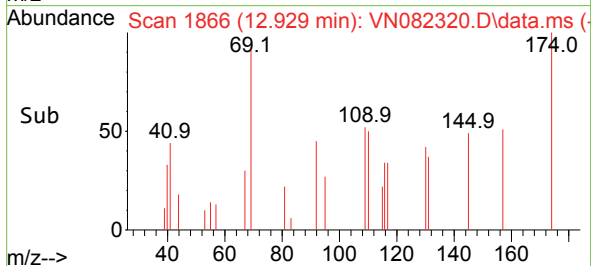


#75
1,1,2,2-Tetrachloroethane
Concen: 0.212 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.012 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :

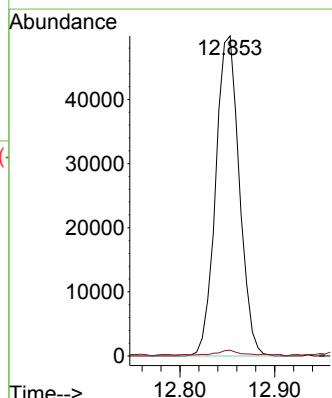
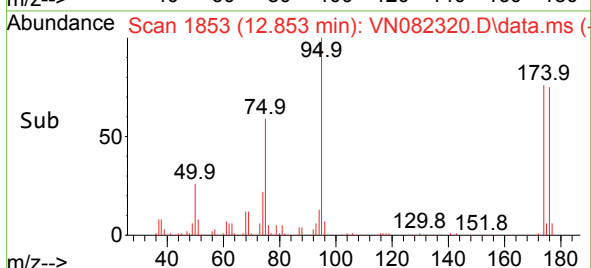
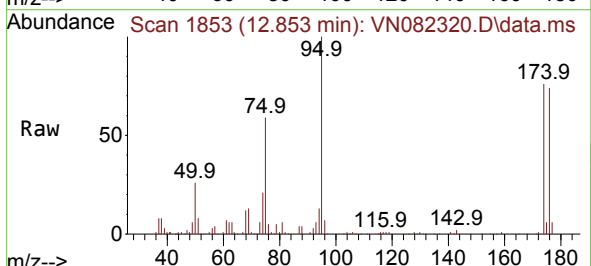


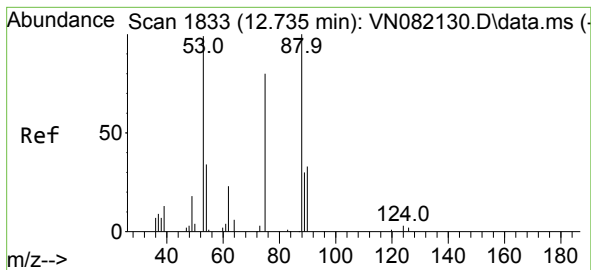
Tgt Ion: 83 Resp: 648
Ion Ratio Lower Upper
83 100
131 49.5 5.5 16.4#
85 0.0 32.9 98.6#



#76
1,2,3-Trichloropropane
Concen: 30.852 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

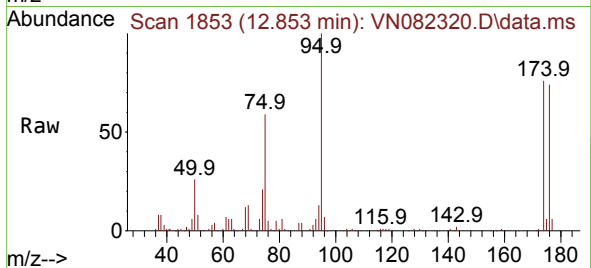
Tgt Ion: 75 Resp: 86568
Ion Ratio Lower Upper
75 100
77 1.3 90.5 271.3#



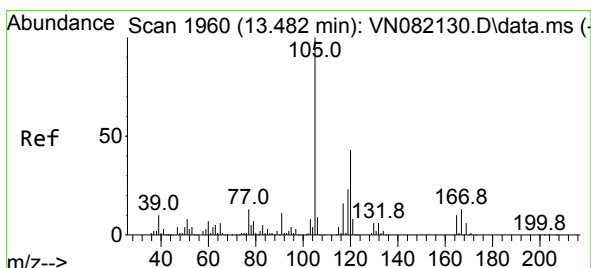
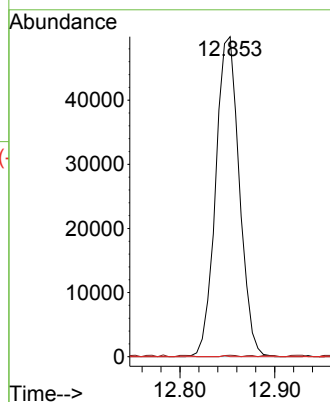
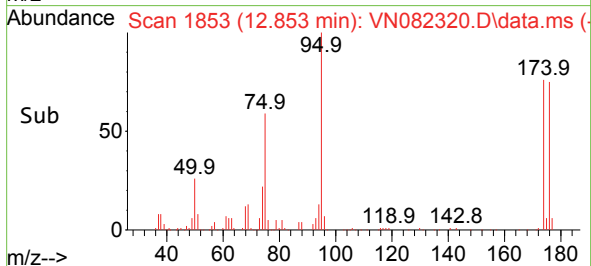


#81
trans-1,4-Dichloro-2-butene
Concen: 72.161 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

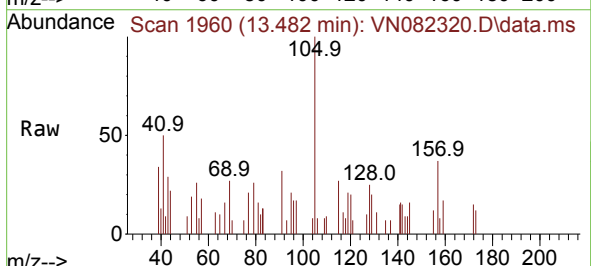
Instrument :
MSVOA_N
ClientSampleId :



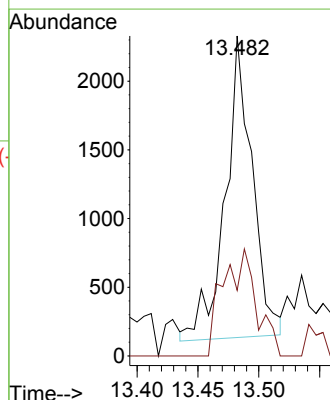
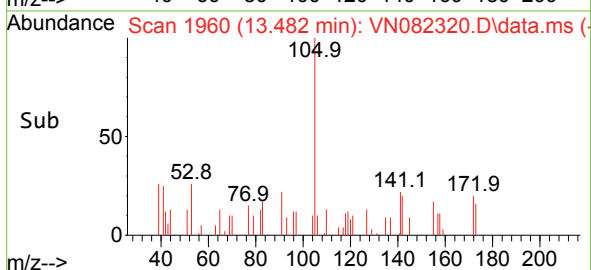
Tgt Ion: 75 Resp: 86568
Ion Ratio Lower Upper
75 100
53 0.2 72.9 109.3#
89 0.1 39.1 58.7#

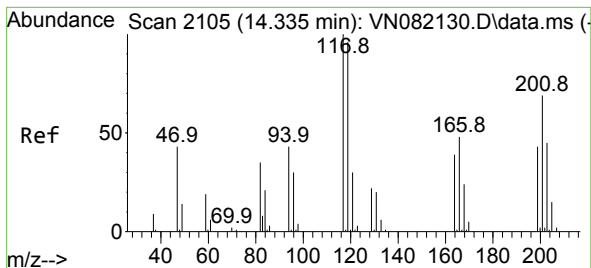


#84
1,2,4-Trimethylbenzene
Concen: 0.386 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42



Tgt Ion: 105 Resp: 3386
Ion Ratio Lower Upper
105 100
120 43.9 22.9 68.7





#90

Hexachloroethane

Concen: 0.446 ug/l

RT: 14.323 min Scan# 2103

Delta R.T. -0.012 min

Lab File: VN082320.D

Acq: 23 May 2024 14:42

Instrument :

MSVOA_N

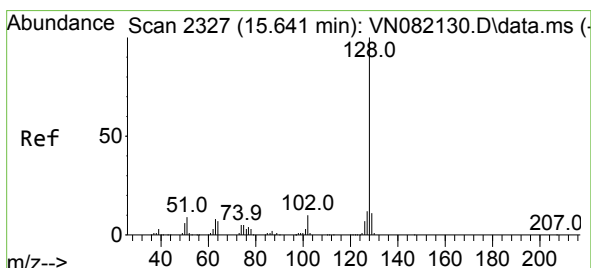
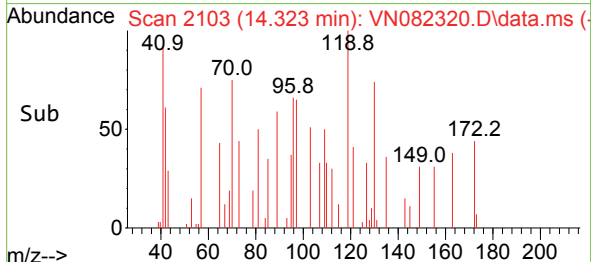
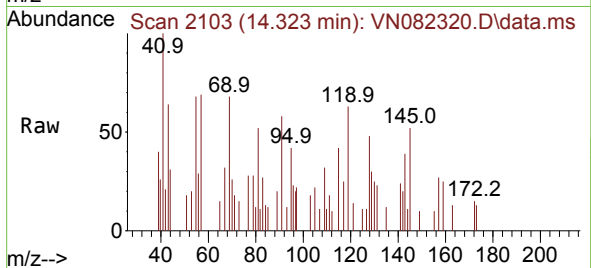
ClientSampleId :

Tgt Ion:117 Resp: 697

Ion Ratio Lower Upper

117 100

201 0.0 33.3 99.8#



#95

Naphthalene

Concen: 0.604 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN082320.D

Acq: 23 May 2024 14:42

Tgt Ion:128 Resp: 4590

Ion Ratio Lower Upper

128 100

127 40.2 10.1 15.1#

129 9.2 8.9 13.3

