

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082201.D
 Acq On : 20 May 2024 11:36
 Operator : JC\MD
 Sample : VN0520MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520MBL01

Quant Time: May 21 03:44:00 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)

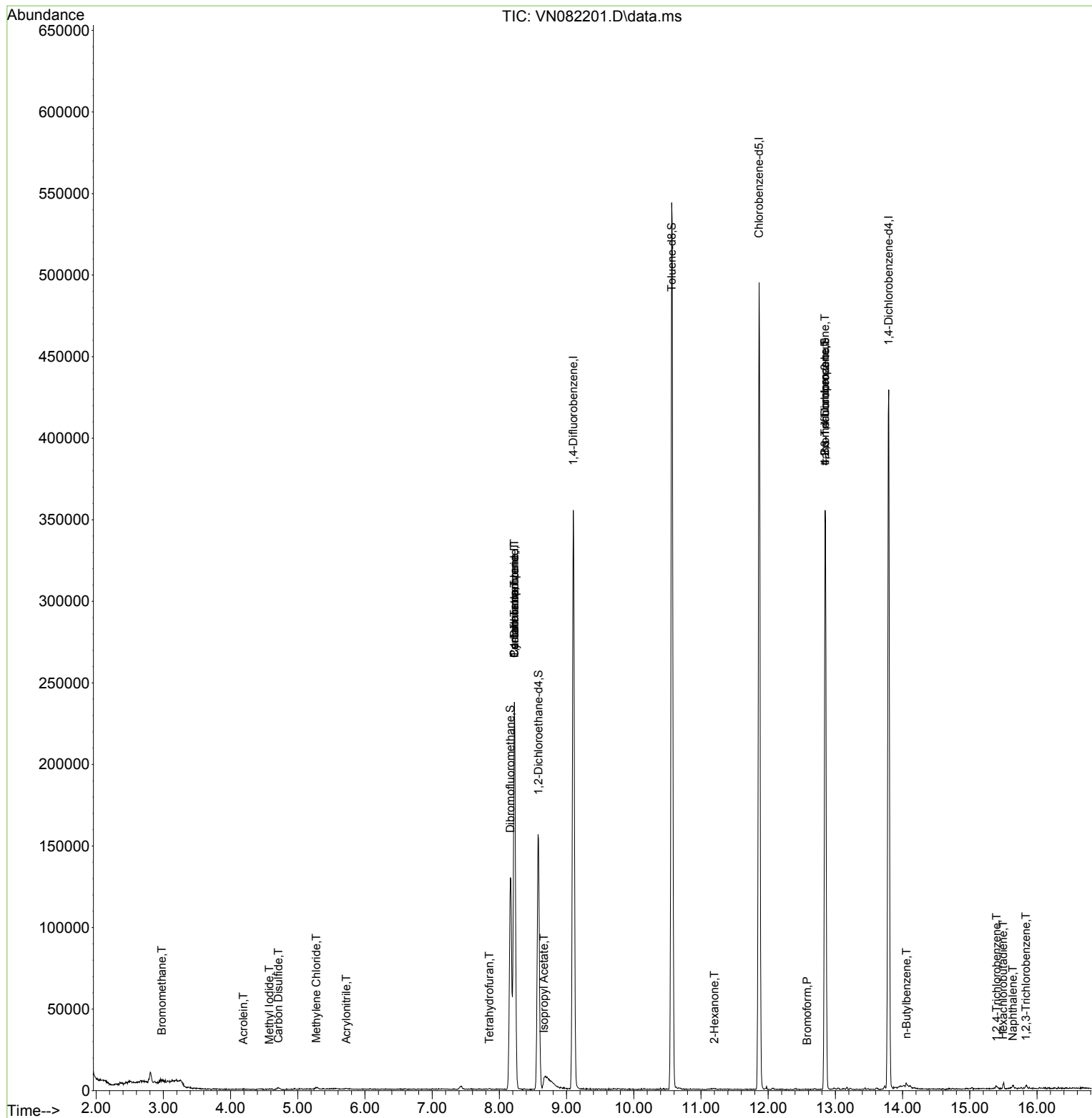
Internal Standards						
1) Pentafluorobenzene	8.224	168	160933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	258350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	129833	51.092	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.180%			
35) Dibromofluoromethane	8.165	113	91821	53.657	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.320%			
50) Toluene-d8	10.565	98	352933	53.793	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.580%			
62) 4-Bromofluorobenzene	12.847	95	116790	49.873	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.740%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	932	0.656	ug/l #	72
10) Methyl Iodide	4.577	142	719	0.378	ug/l #	40
13) Acrolein	4.189	56	239	0.791	ug/l #	71
15) Acrylonitrile	5.724	53	566	0.536	ug/l #	35
17) Carbon Disulfide	4.712	76	2307	0.406	ug/l #	74
20) Methylene Chloride	5.277	84	904	0.430	ug/l #	22
29) Tetrahydrofuran	7.853	42	209	0.206	ug/l #	29
31) Cyclohexane	8.224	56	4896	1.206	ug/l #	42
36) 1,1-Dichloropropene	8.224	75	14771	5.147	ug/l #	49
38) Carbon Tetrachloride	8.224	117	17606	6.051	ug/l #	17
43) Isopropyl Acetate	8.665	43	3832	0.673	ug/l #	52
59) 2-Hexanone	11.200	43	513	0.217	ug/l #	23
71) Bromoform	12.582	173	57	0.739	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	67521	29.687	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67521	69.437	ug/l #	12
89) n-Butylbenzene	14.059	91	1285	0.209	ug/l	81
93) 1,2,4-Trichlorobenzene	15.400	180	864	0.439	ug/l #	86
94) Hexachlorobutadiene	15.494	225	881	1.021	ug/l #	62
95) Naphthalene	15.641	128	3390	0.550	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.835	180	1105	0.561	ug/l #	81

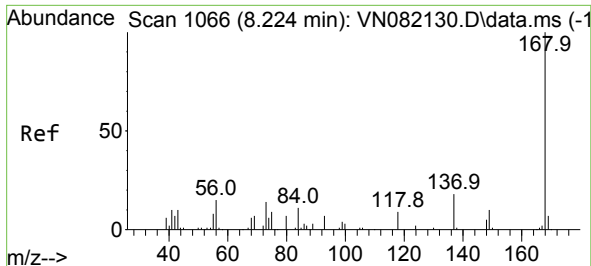
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
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Sample : VN0520MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
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VN0520MBL01

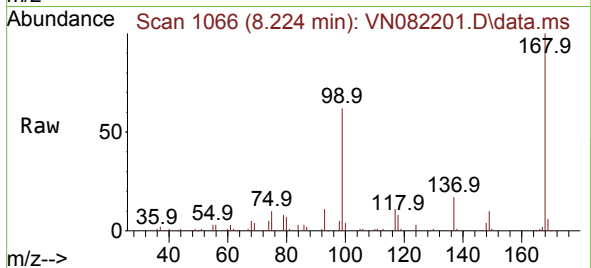
Quant Time: May 21 03:44:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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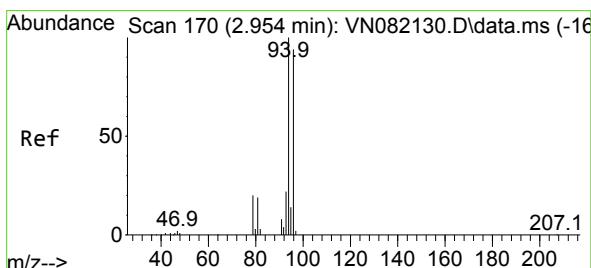
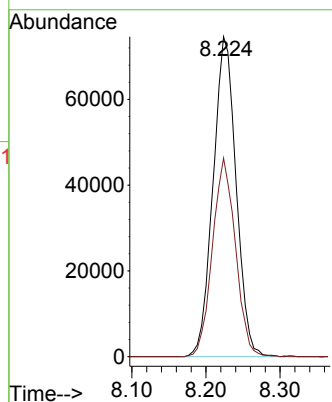
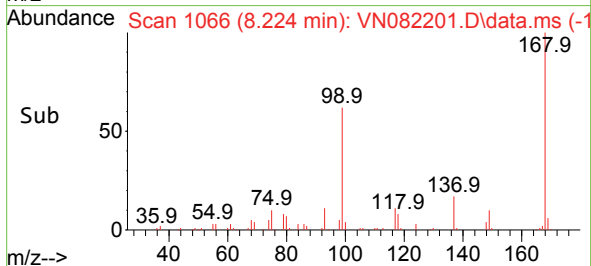


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN0520MBL01

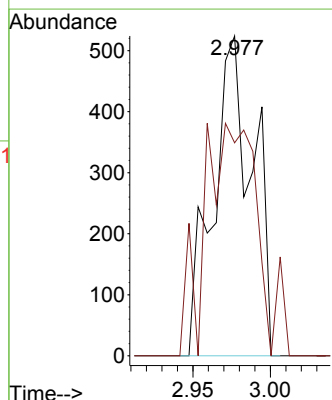
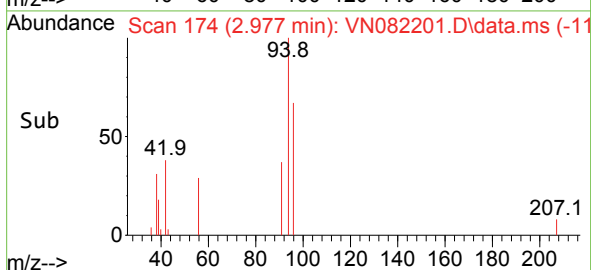
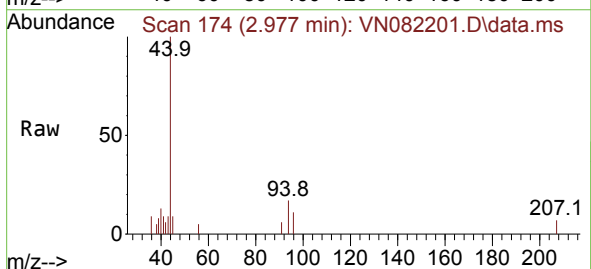


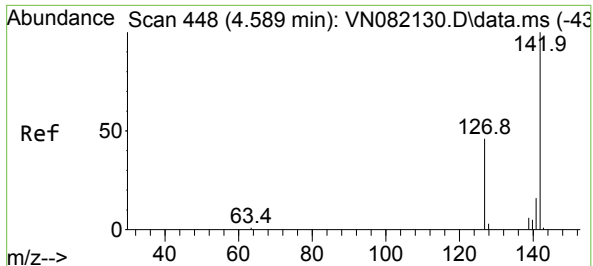
Tgt Ion:168 Resp: 160933
Ion Ratio Lower Upper
168 100
99 62.1 48.2 72.4



#5
Bromomethane
Concen: 0.656 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.023 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

Tgt Ion: 94 Resp: 932
Ion Ratio Lower Upper
94 100
96 66.6 74.8 112.2#

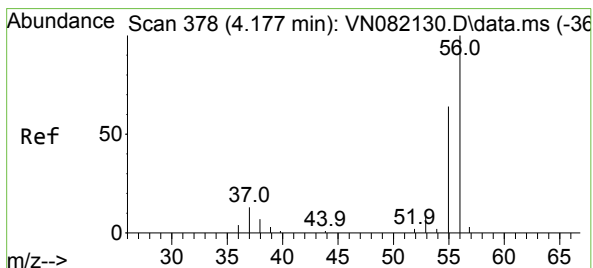
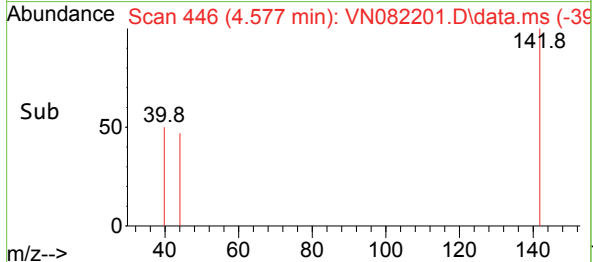
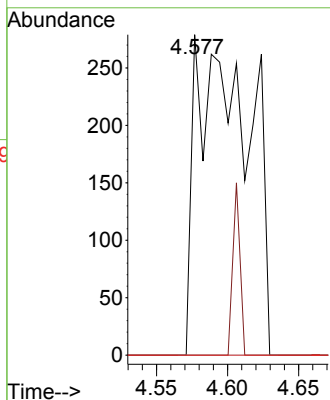
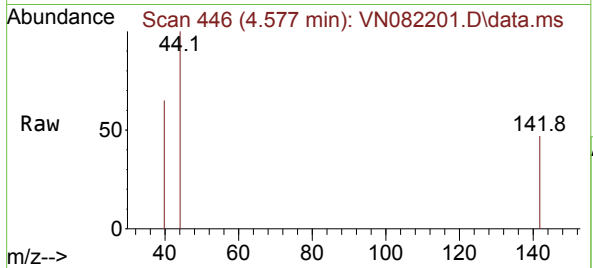




#10
Methyl Iodide
Concen: 0.378 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.012 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

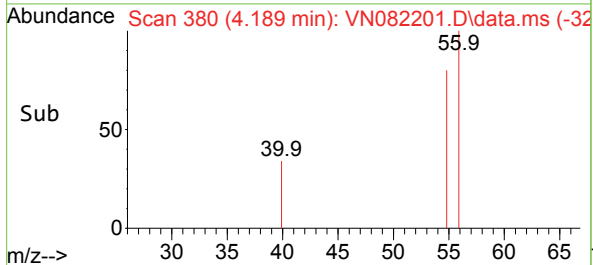
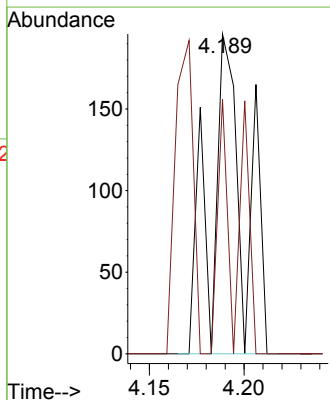
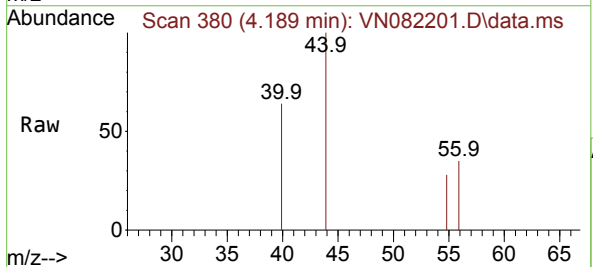
Instrument :
MSVOA_N
ClientSampleId :
VN0520MBL01

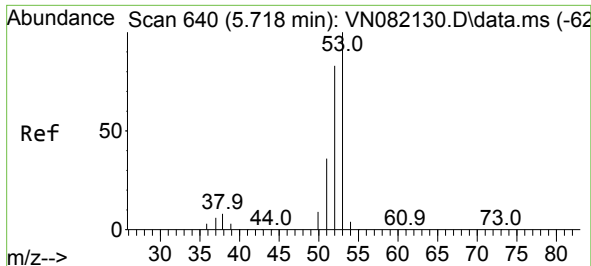
Tgt Ion:142 Resp: 719
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.4 17.2#



#13
Acrolein
Concen: 0.791 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

Tgt Ion: 56 Resp: 239
Ion Ratio Lower Upper
56 100
55 46.0 55.8 83.8#

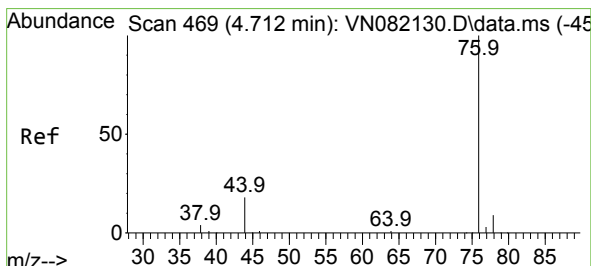
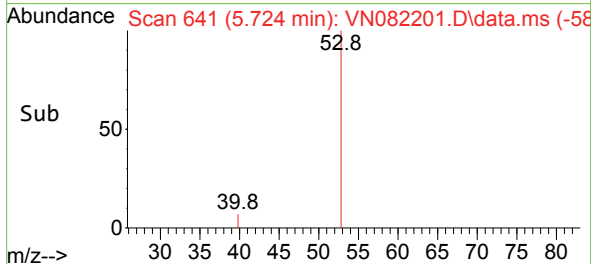
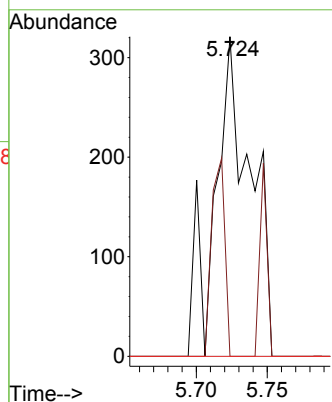
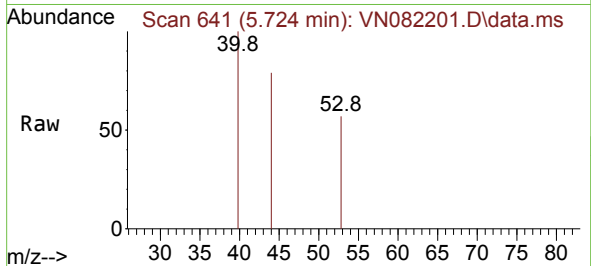




#15
 Acrylonitrile
 Concen: 0.536 ug/l
 RT: 5.724 min Scan# 641
 Delta R.T. 0.006 min
 Lab File: VN082201.D
 Acq: 20 May 2024 11:36

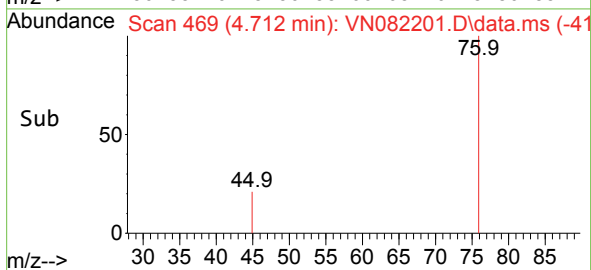
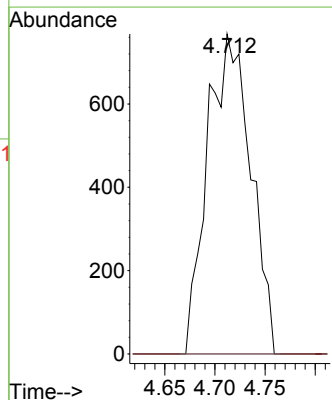
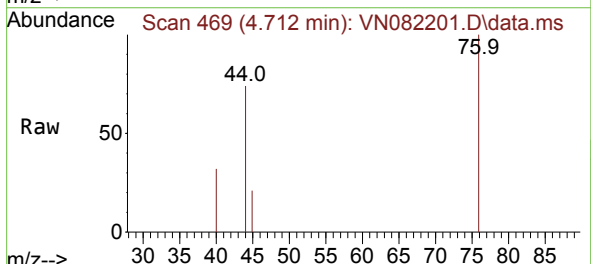
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520MBL01

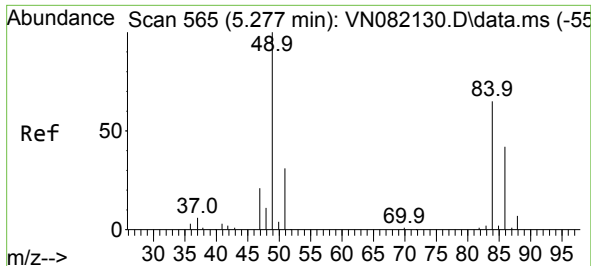
Tgt Ion: 53 Resp: 566
 Ion Ratio Lower Upper
 53 100
 52 22.8 66.1 99.1#
 51 0.0 29.4 44.2#



#17
 Carbon Disulfide
 Concen: 0.406 ug/l
 RT: 4.712 min Scan# 469
 Delta R.T. -0.000 min
 Lab File: VN082201.D
 Acq: 20 May 2024 11:36

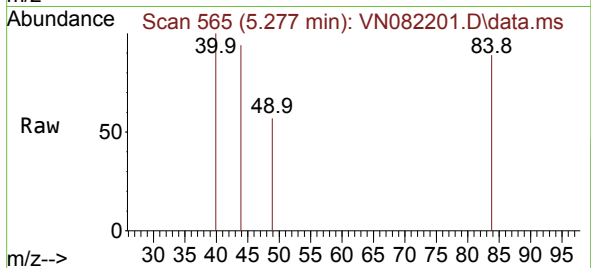
Tgt Ion: 76 Resp: 2307
 Ion Ratio Lower Upper
 76 100
 78 0.0 7.5 11.3#



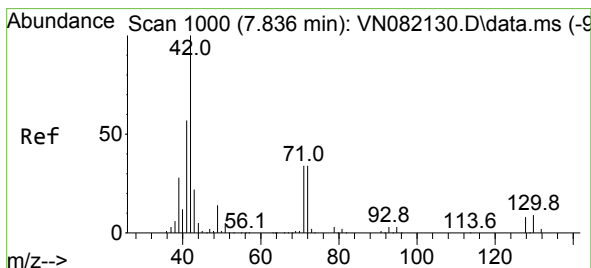
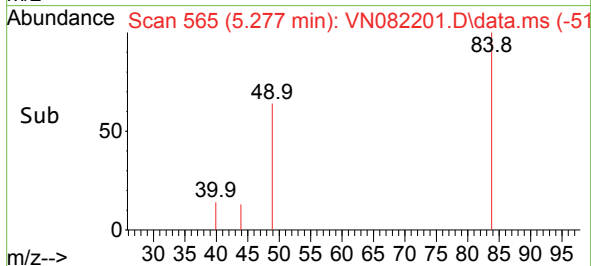
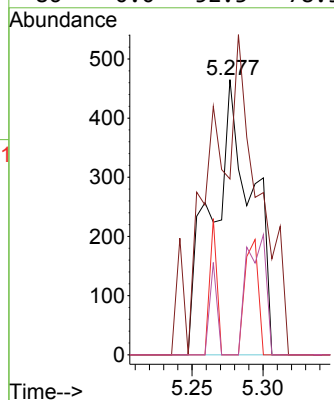


#20
Methylene Chloride
Concen: 0.430 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN0520MBL01

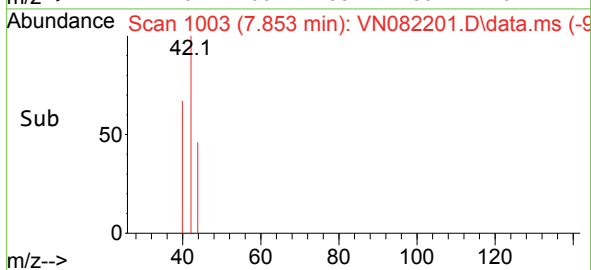
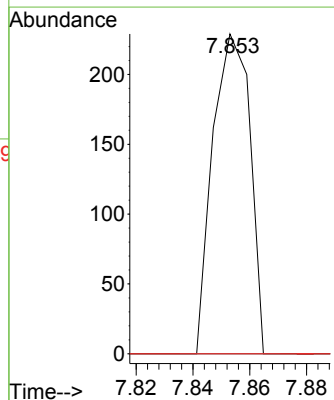
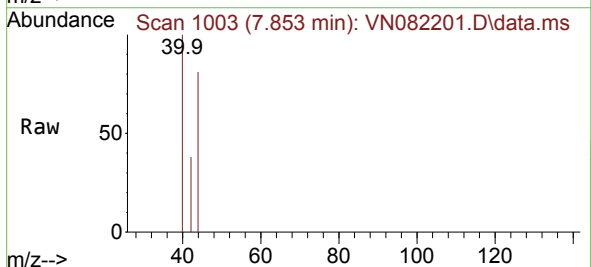


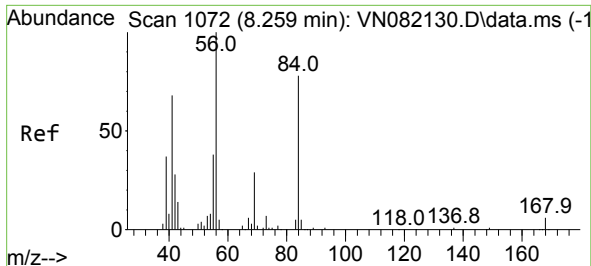
Tgt Ion:	84	Resp:	904
Ion	Ratio	Lower	Upper
84	100		
49	21.5	84.9	127.3#
51	0.0	27.0	40.6#
86	0.0	52.3	78.5#



#29
Tetrahydrofuran
Concen: 0.206 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.017 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

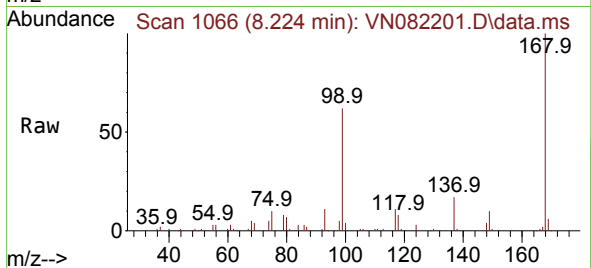
Tgt Ion:	42	Resp:	209
Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.3	58.9#
71	0.0	37.4	56.0#



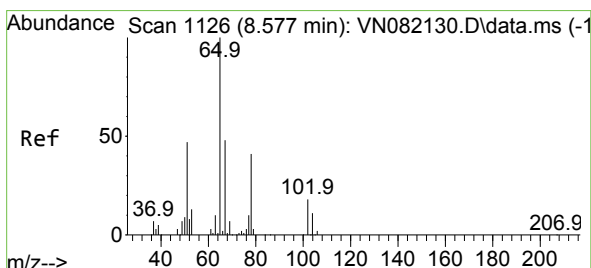
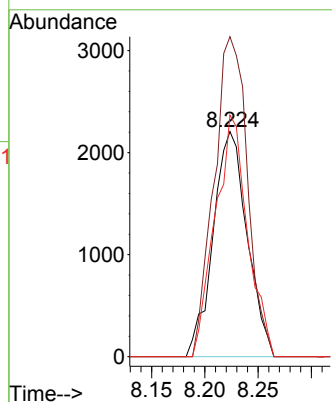
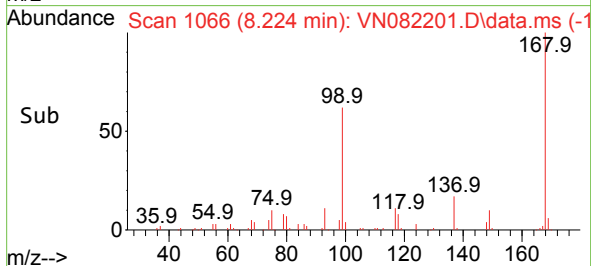


#31
Cyclohexane
Concen: 1.206 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN0520MBL01

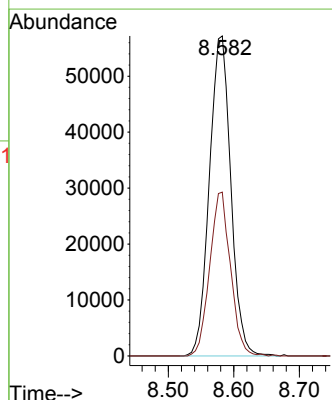
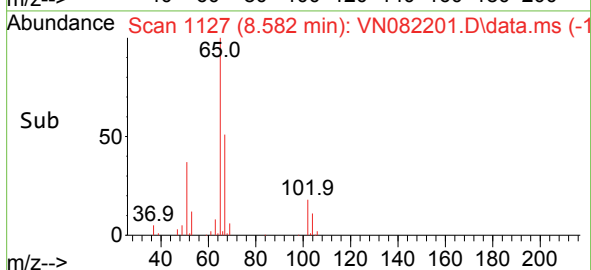
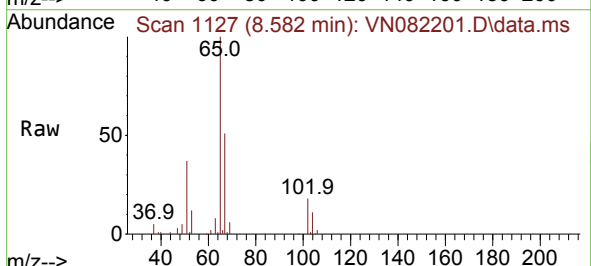


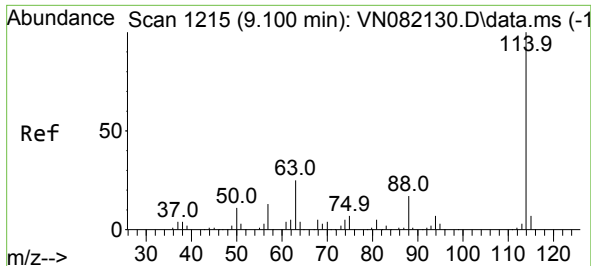
Tgt Ion: 56 Resp: 4896
Ion Ratio Lower Upper
56 100
69 142.1 24.4 36.6#
84 107.3 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 51.092 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

Tgt Ion: 65 Resp: 129833
Ion Ratio Lower Upper
65 100
67 49.6 0.0 103.0

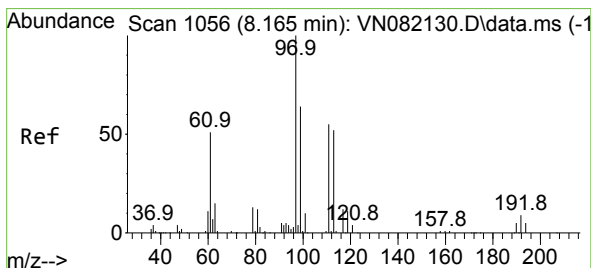
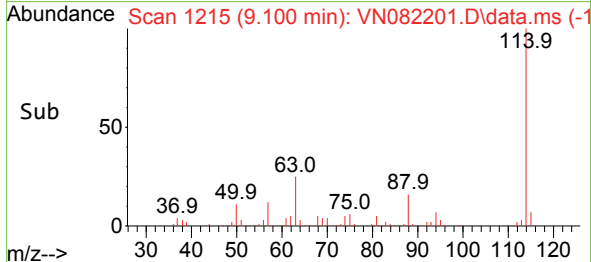
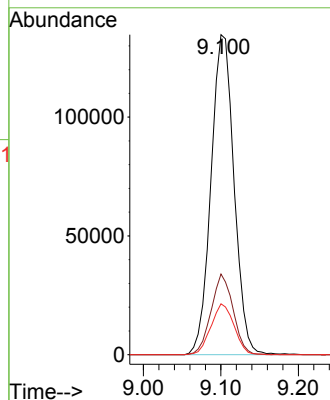
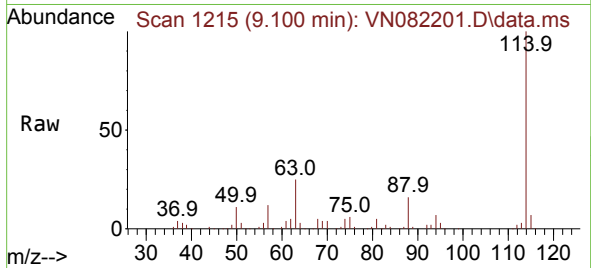




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

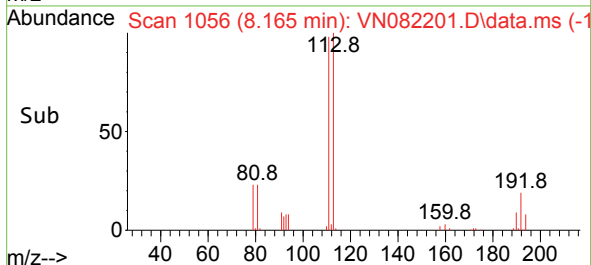
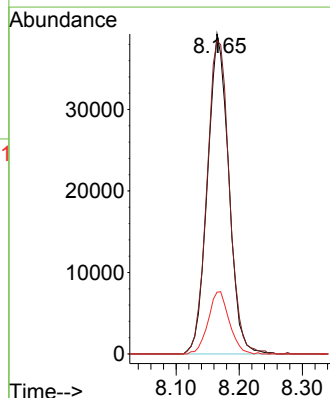
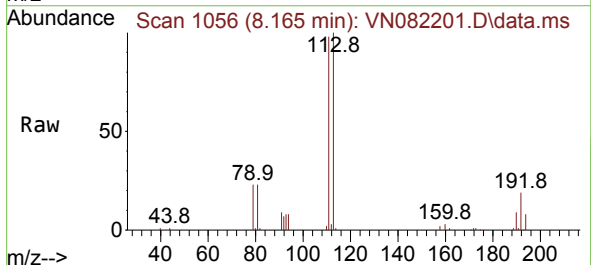
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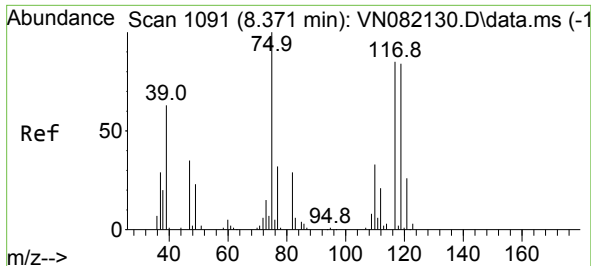
Tgt Ion:114 Resp: 278186
Ion Ratio Lower Upper
114 100
63 25.2 0.0 41.0
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.657 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

Tgt Ion:113 Resp: 91821
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 19.3 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.147 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082201.D

Acq: 20 May 2024 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0520MBL01

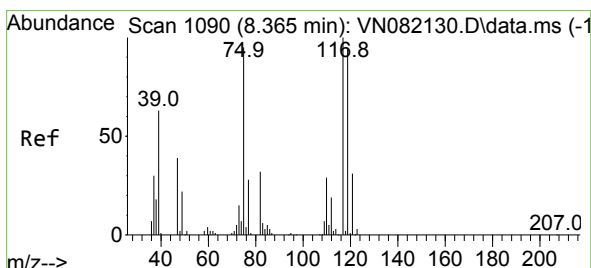
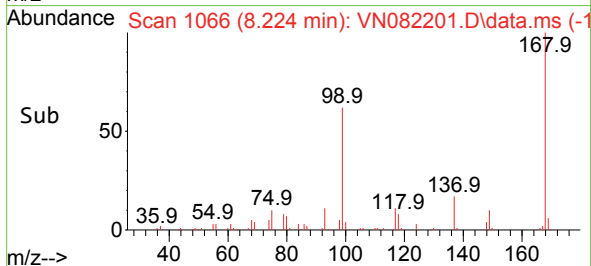
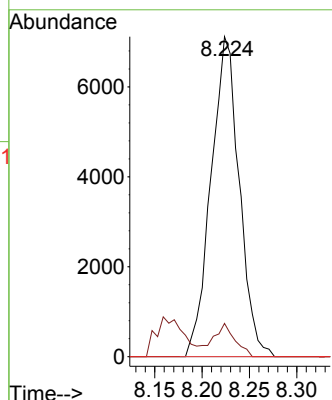
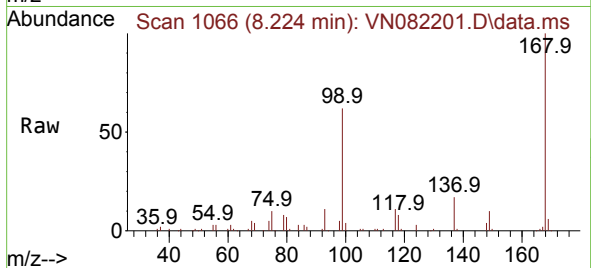
Tgt Ion: 75 Resp: 14771

Ion Ratio Lower Upper

75 100

110 8.2 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.051 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082201.D

Acq: 20 May 2024 11:36

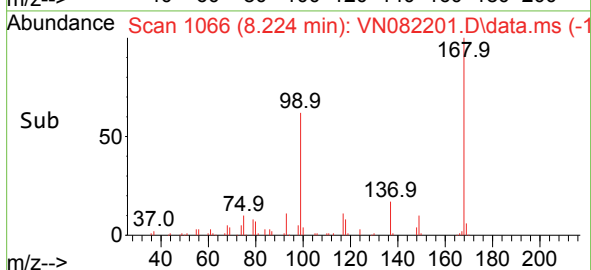
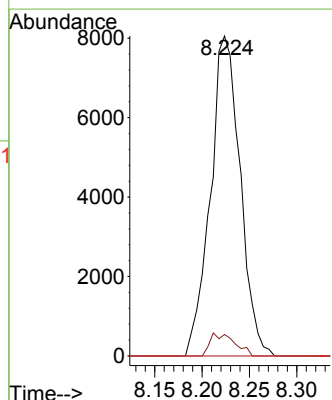
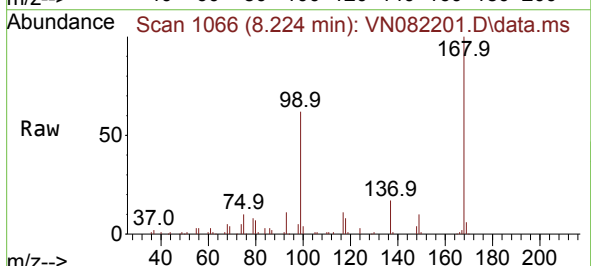
Tgt Ion: 117 Resp: 17606

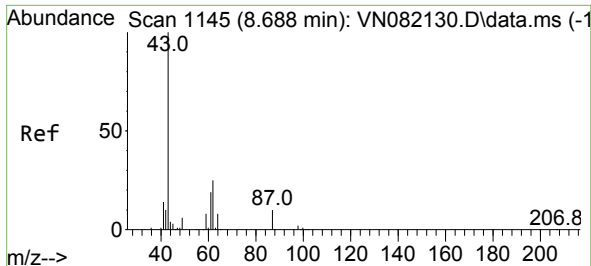
Ion Ratio Lower Upper

117 100

119 6.7 76.5 114.7#

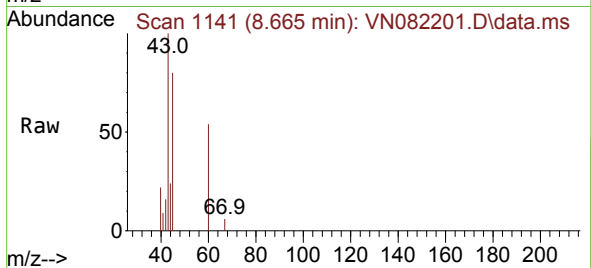
121 0.0 23.9 35.9#



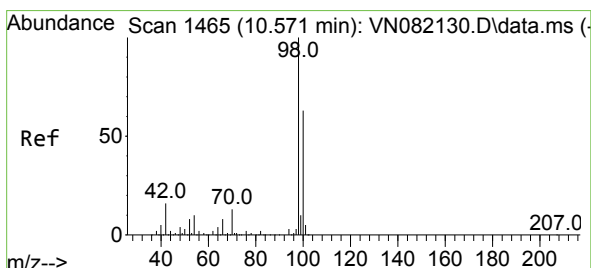
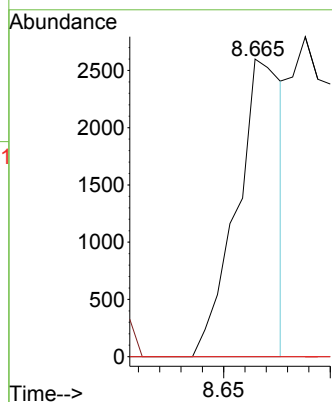
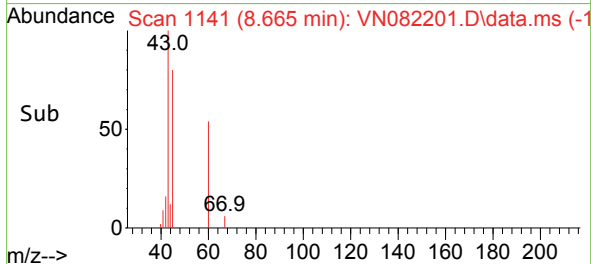


#43
Isopropyl Acetate
Concen: 0.673 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.024 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN0520MBL01

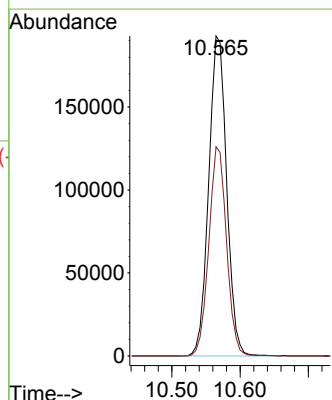
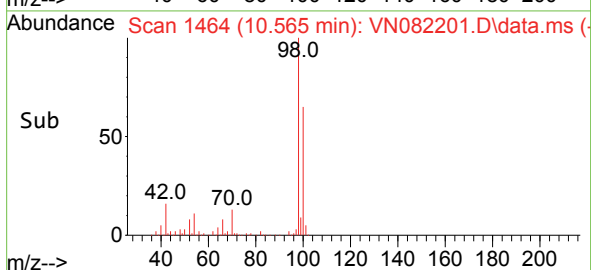
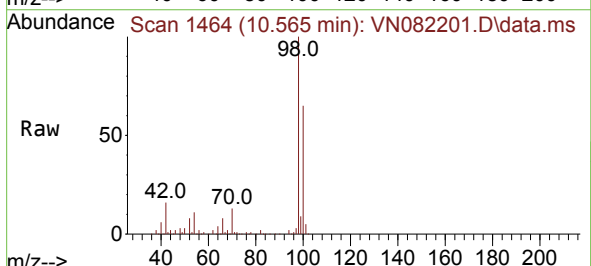


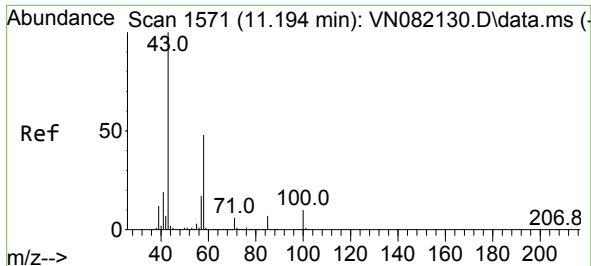
Tgt Ion: 43 Resp: 3832
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 53.793 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

Tgt Ion: 98 Resp: 352933
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

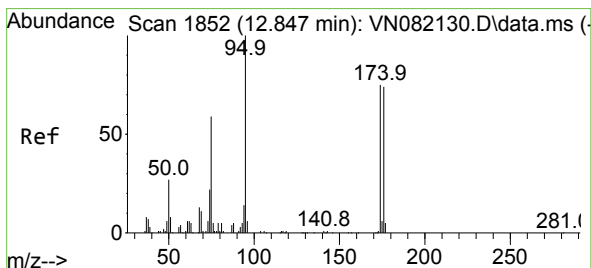
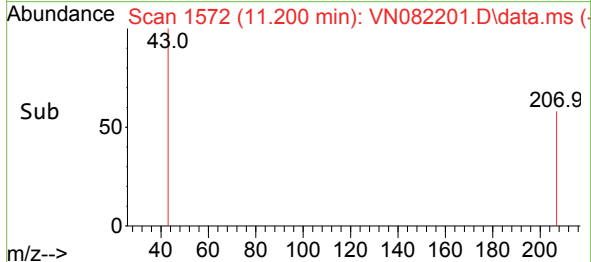
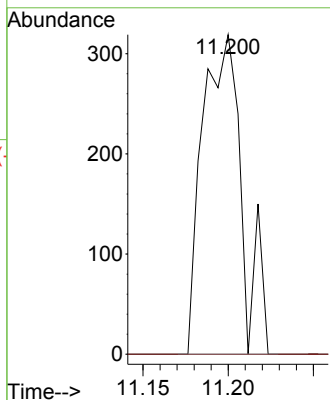
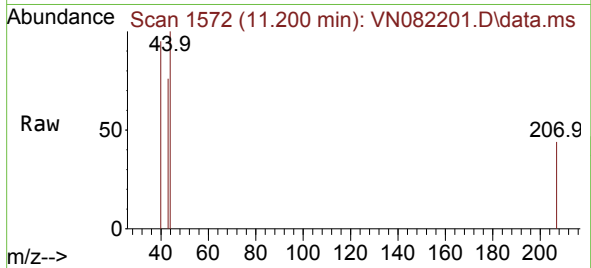




#59
2-Hexanone
Concen: 0.217 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

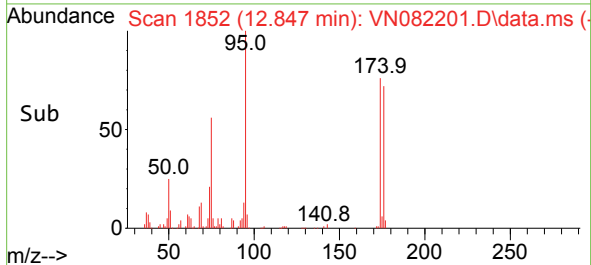
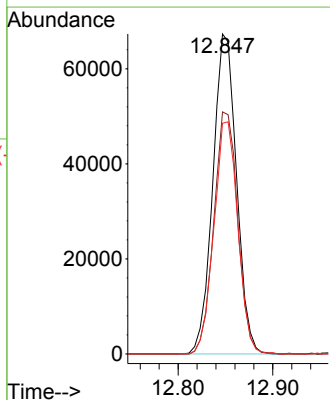
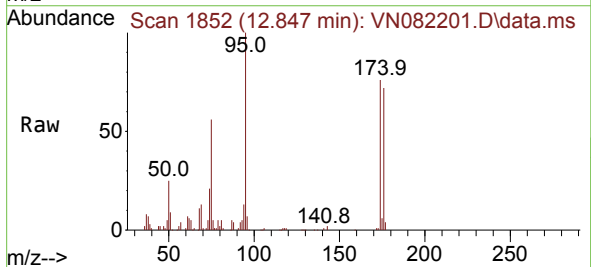
Instrument :
MSVOA_N
ClientSampleId :
VN0520MBL01

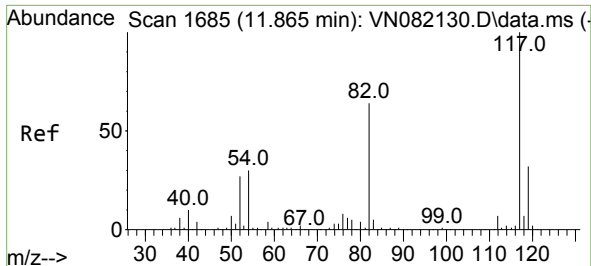
Tgt Ion: 43 Resp: 513
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 49.873 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

Tgt Ion: 95 Resp: 116790
Ion Ratio Lower Upper
95 100
174 76.5 0.0 160.6
176 73.3 0.0 152.8

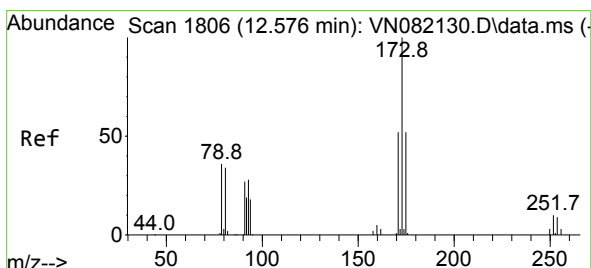
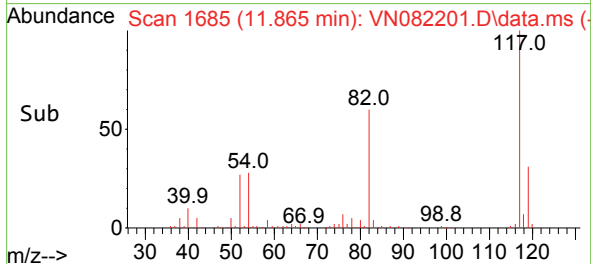
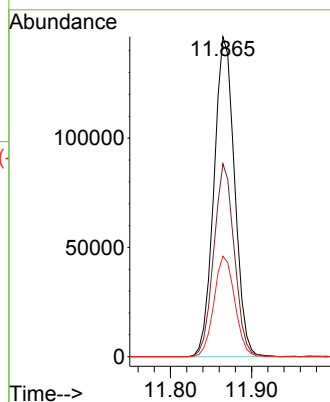
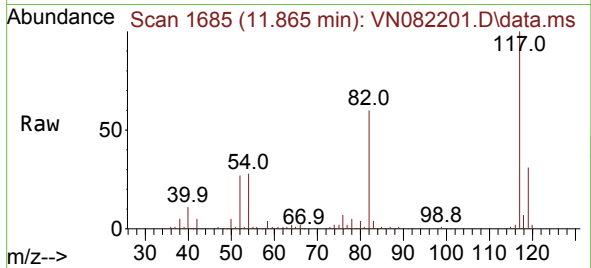




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

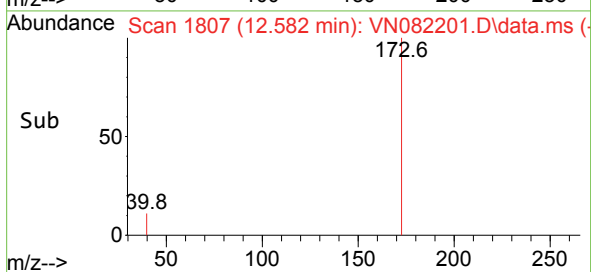
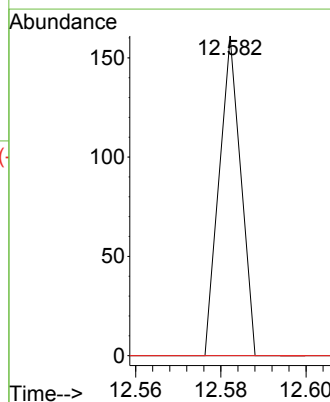
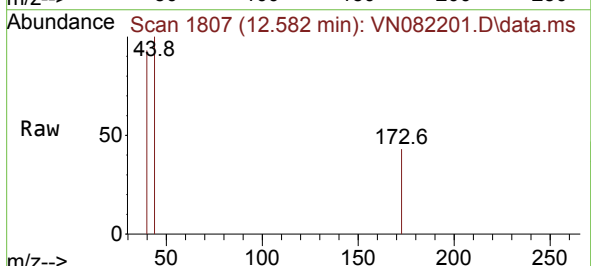
Instrument :
MSVOA_N
ClientSampleId :
VN0520MBL01

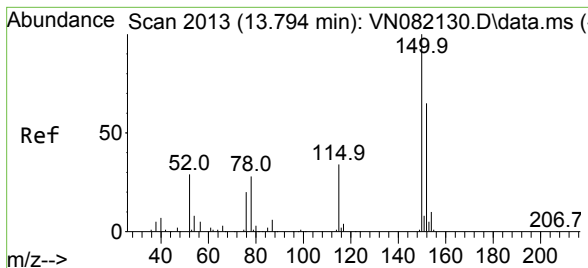
Tgt Ion:117 Resp: 258350
Ion Ratio Lower Upper
117 100
82 60.3 44.6 66.8
119 31.4 25.9 38.9



#71
Bromoform
Concen: 0.739 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

Tgt Ion:173 Resp: 57
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

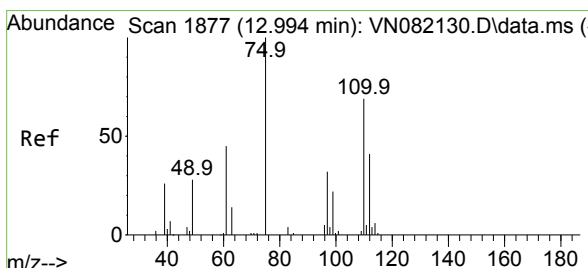
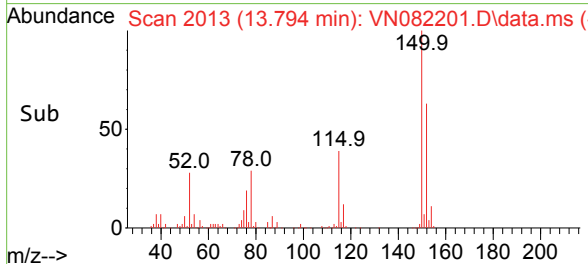
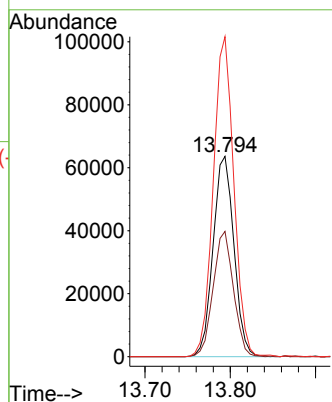
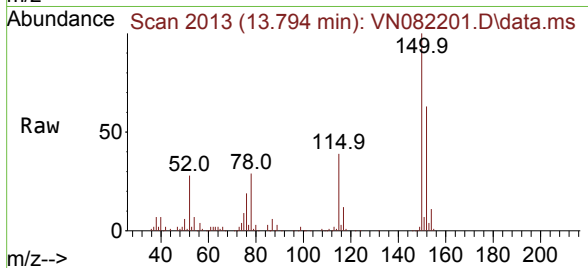




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082201.D
 Acq: 20 May 2024 11:36

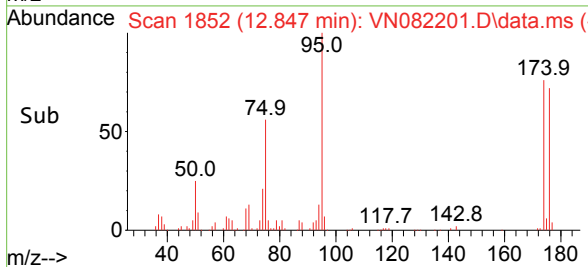
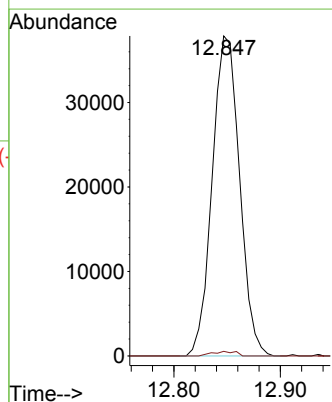
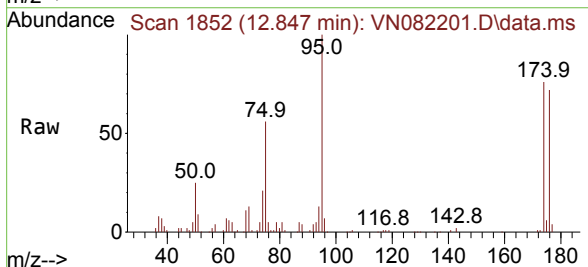
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520MBL01

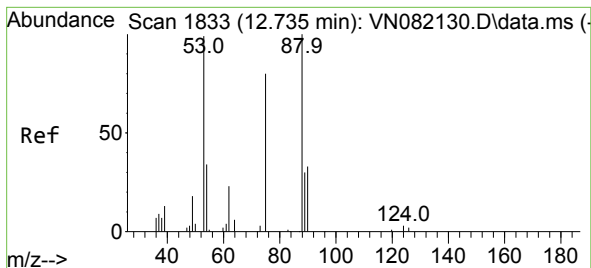
Tgt Ion:152 Resp: 108061
 Ion Ratio Lower Upper
 152 100
 115 60.9 30.4 91.3
 150 157.2 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 29.687 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN082201.D
 Acq: 20 May 2024 11:36

Tgt Ion: 75 Resp: 67521
 Ion Ratio Lower Upper
 75 100
 77 1.2 90.5 271.3#

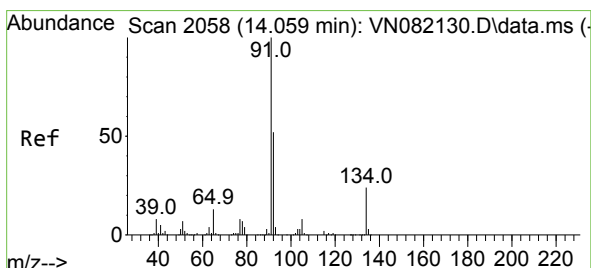
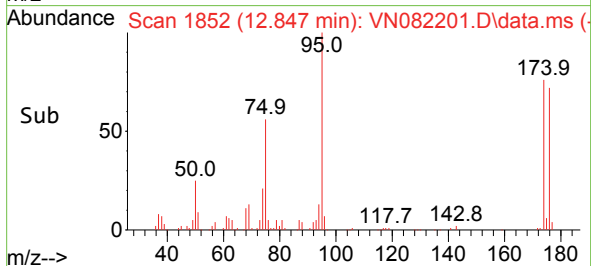
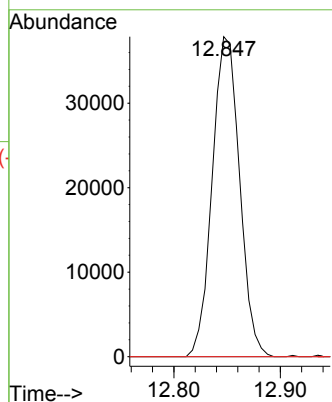
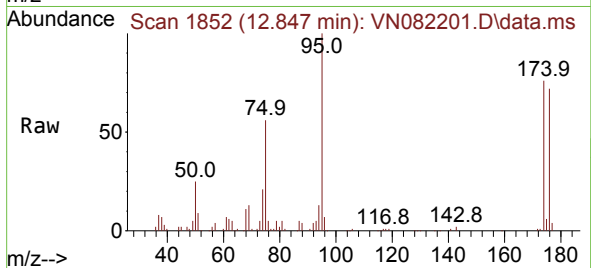




#81
trans-1,4-Dichloro-2-butene
Concen: 69.437 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

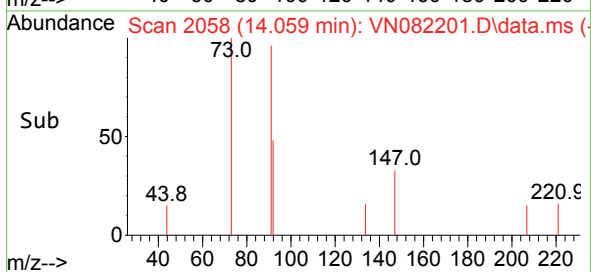
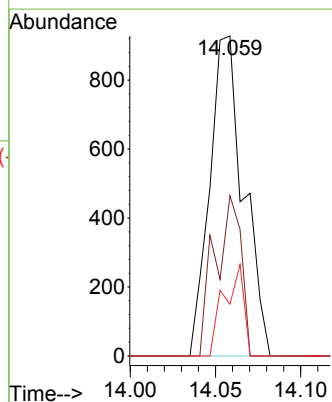
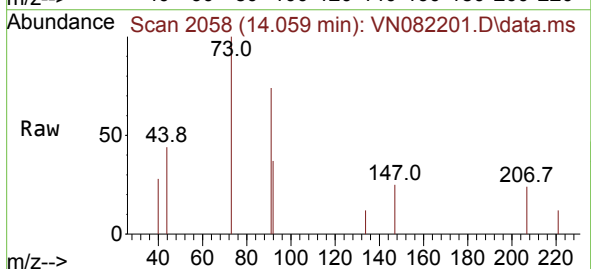
Instrument :
MSVOA_N
ClientSampleId :
VN0520MBL01

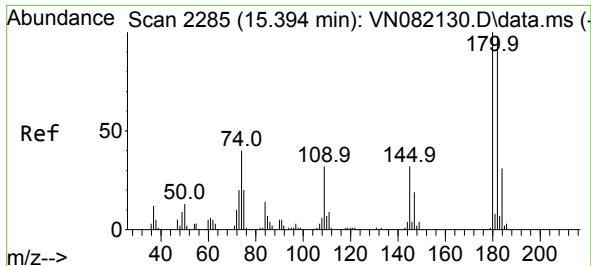
Tgt Ion: 75 Resp: 67521
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#



#89
n-Butylbenzene
Concen: 0.209 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

Tgt Ion: 91 Resp: 1285
Ion Ratio Lower Upper
91 100
92 38.5 26.2 78.5
134 16.7 13.2 39.5

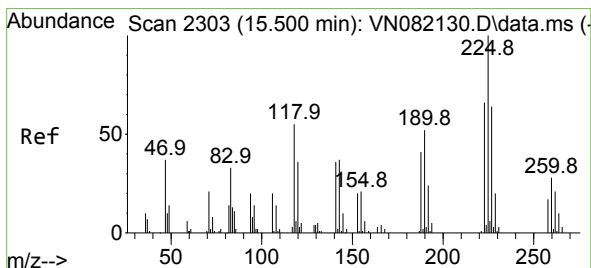
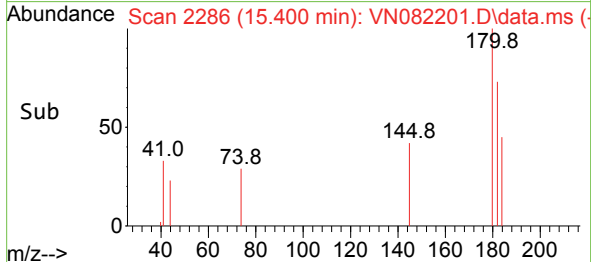
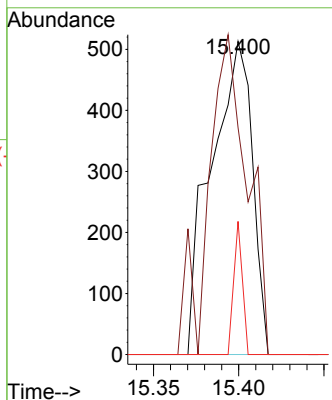
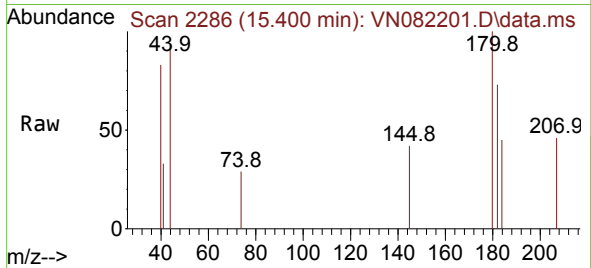




#93
1,2,4-Trichlorobenzene
Concen: 0.439 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

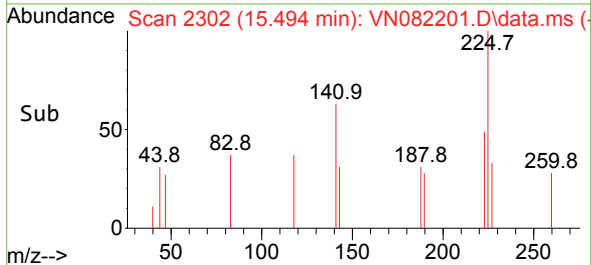
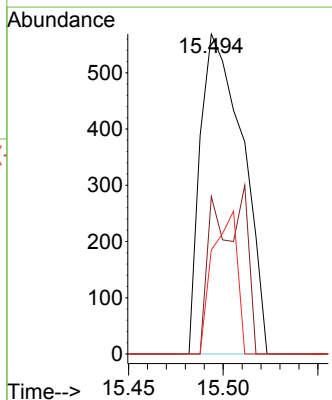
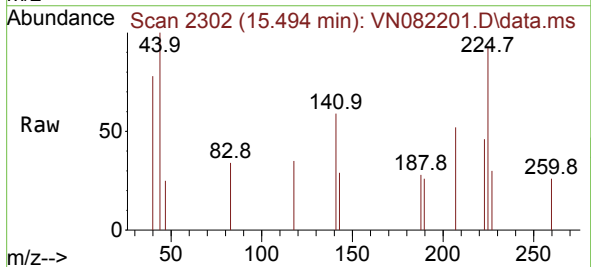
Instrument :
MSVOA_N
ClientSampleId :
VN0520MBL01

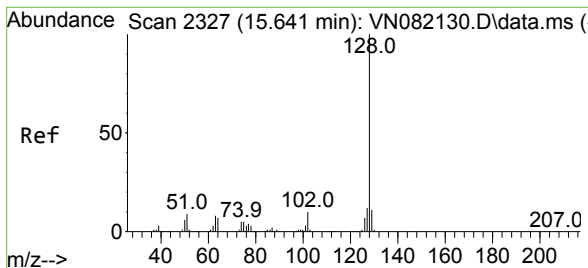
Tgt Ion:180 Resp: 864
Ion Ratio Lower Upper
180 100
182 96.9 46.7 140.0
145 8.9 16.2 48.6#



#94
Hexachlorobutadiene
Concen: 1.021 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN082201.D
Acq: 20 May 2024 11:36

Tgt Ion:225 Resp: 881
Ion Ratio Lower Upper
225 100
223 39.4 31.1 93.2
227 26.2 30.6 91.6#





#95

Naphthalene

Concen: 0.550 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082201.D

Acq: 20 May 2024 11:36

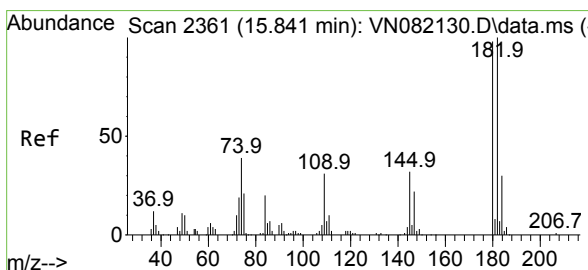
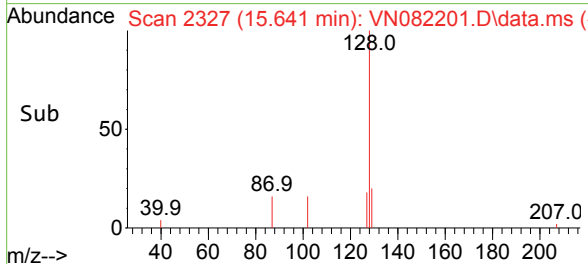
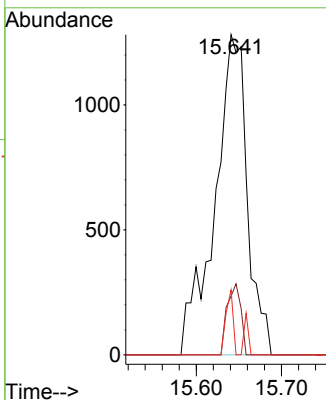
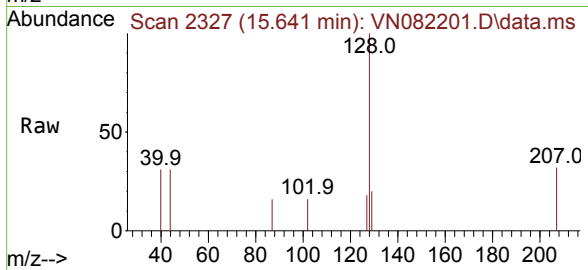
Instrument :

MSVOA_N

ClientSampleId :

VN0520MBL01

Tgt Ion:128	Resp:	3390
Ion	Ratio	Lower Upper
128	100	
127	9.3	10.1 15.1#
129	4.5	8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 0.561 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN082201.D

Acq: 20 May 2024 11:36

Tgt Ion:180	Resp:	1105
Ion	Ratio	Lower Upper
180	100	
182	98.2	46.0 137.8
145	4.8	17.1 51.3#

