

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020124\
 Data File : VN080858.D
 Acq On : 01 Feb 2024 10:13
 Operator : JC\MD
 Sample : VN0201MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201MBL01

Quant Time: Feb 02 03:31:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

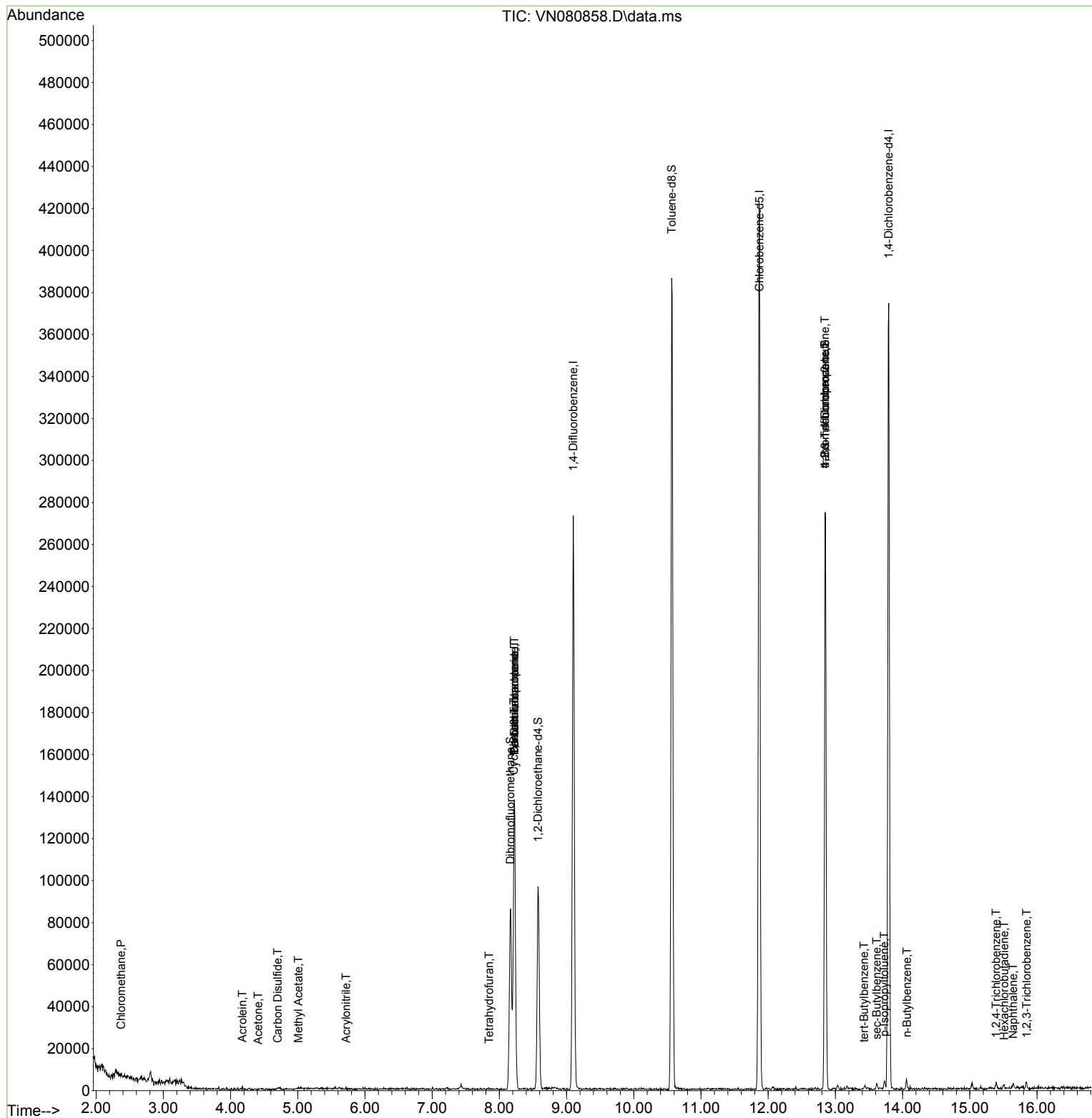
Internal Standards						
1) Pentafluorobenzene	8.224	168	87847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	207859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	214181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	72262	47.549	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.100%		
35) Dibromofluoromethane	8.165	113	58427	45.944	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.880%		
50) Toluene-d8	10.565	98	244513	49.126	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.260%		
62) 4-Bromofluorobenzene	12.847	95	93011	53.625	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.260%		
Target Compounds						Qvalue
3) Chloromethane	2.371	50	1279	0.652	ug/l #	78
13) Acrolein	4.177	56	489	1.565	ug/l #	15
15) Acrylonitrile	5.718	53	200	0.268	ug/l #	52
16) Acetone	4.412	43	281	0.510	ug/l #	44
17) Carbon Disulfide	4.700	76	1120	0.292	ug/l #	78
18) Methyl Acetate	5.012	43	559	0.291	ug/l #	54
29) Tetrahydrofuran	7.847	42	160	0.226	ug/l #	38
31) Cyclohexane	8.218	56	3292	1.263	ug/l #	13
36) 1,1-Dichloropropene	8.224	75	10459	4.425	ug/l #	46
38) Carbon Tetrachloride	8.224	117	10473	5.499	ug/l #	19
76) 1,2,3-Trichloropropane	12.847	75	55393	20.845	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	55393	53.701	ug/l #	14
83) tert-Butylbenzene	13.429	119	1394	0.272	ug/l #	63
85) sec-Butylbenzene	13.617	105	2112	0.279	ug/l	91
86) p-Isopropyltoluene	13.729	119	1774	0.302	ug/l	83
89) n-Butylbenzene	14.064	91	2599	0.452	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	1039	0.715	ug/l #	77
94) Hexachlorobutadiene	15.511	225	438	0.690	ug/l #	67
95) Naphthalene	15.647	128	2767	0.498	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.847	180	1047	0.733	ug/l #	77

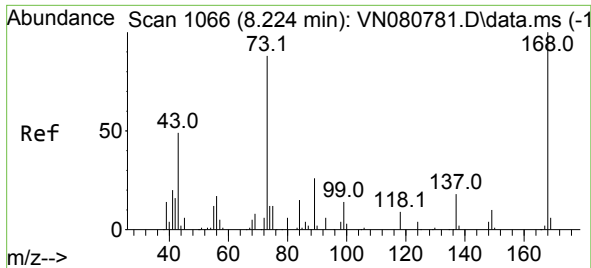
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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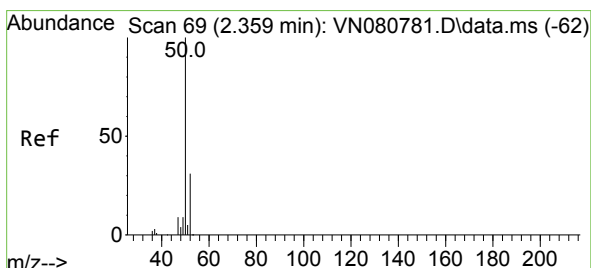
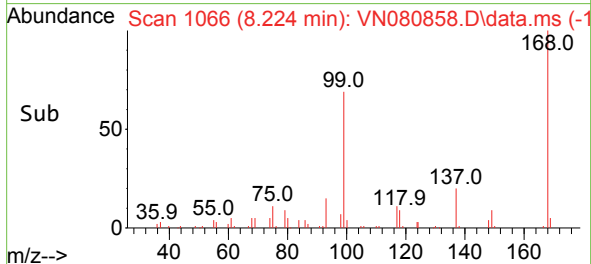
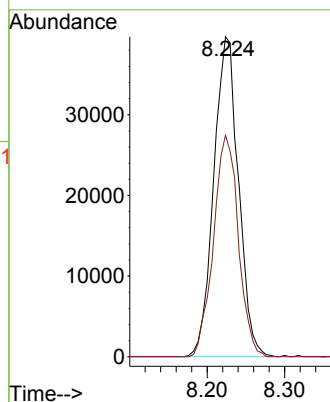
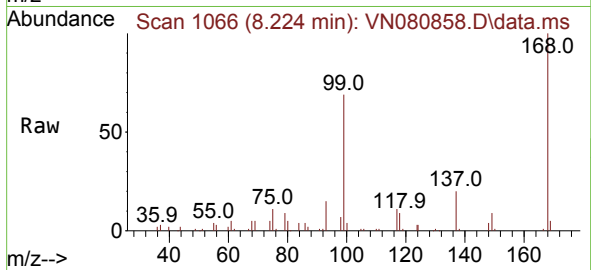




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

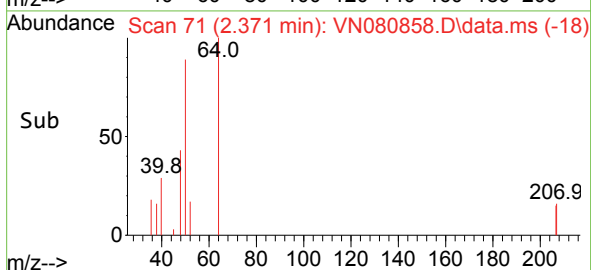
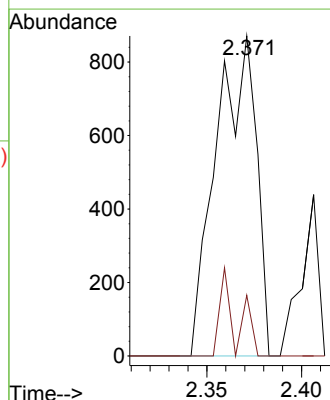
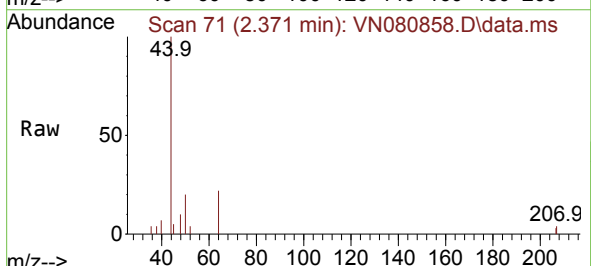
Instrument :
MSVOA_N
ClientSampleId :
VN0201MBL01

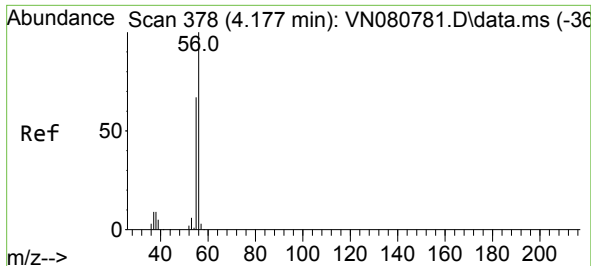
Tgt Ion:168 Resp: 87847
Ion Ratio Lower Upper
168 100
99 69.2 59.9 89.9



#3
Chloromethane
Concen: 0.652 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

Tgt Ion: 50 Resp: 1279
Ion Ratio Lower Upper
50 100
52 18.9 25.0 37.4#





#13

Acrolein

Concen: 1.565 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080858.D

Acq: 01 Feb 2024 10:13

Instrument :

MSVOA_N

ClientSampleId :

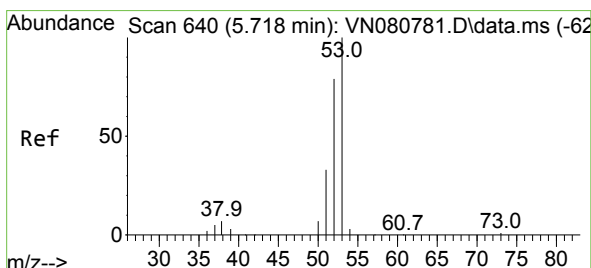
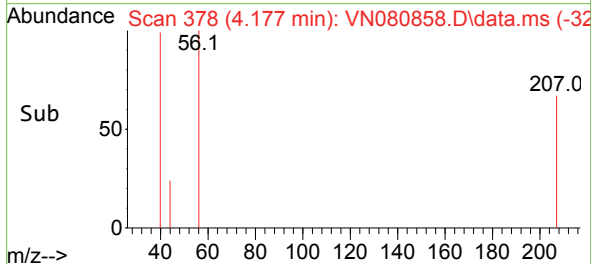
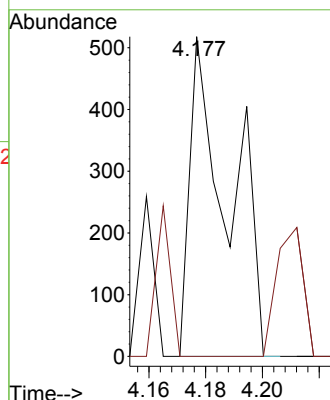
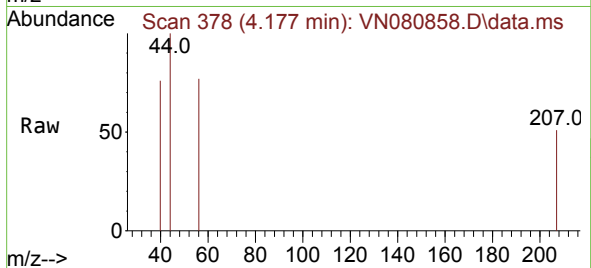
VN0201MBL01

Tgt Ion: 56 Resp: 489

Ion Ratio Lower Upper

56 100

55 0.0 55.3 82.9#



#15

Acrylonitrile

Concen: 0.268 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN080858.D

Acq: 01 Feb 2024 10:13

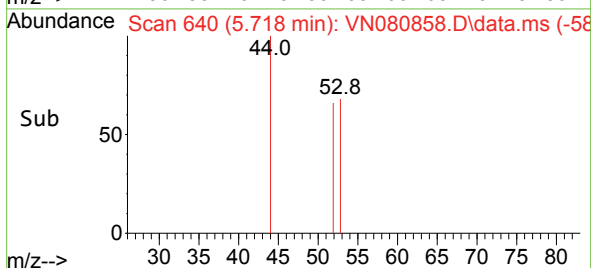
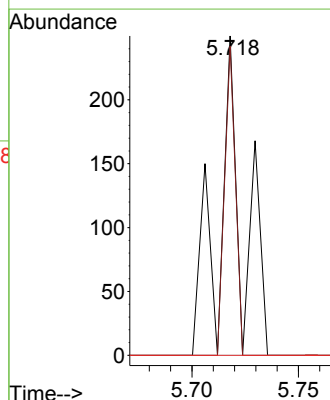
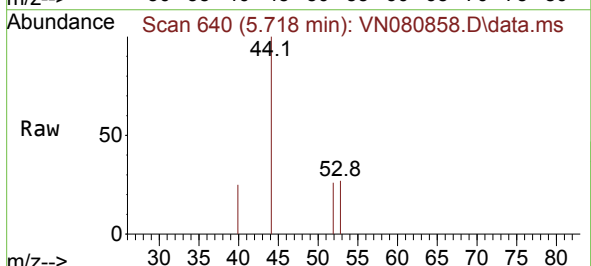
Tgt Ion: 53 Resp: 200

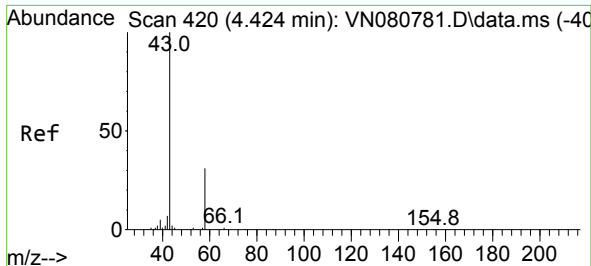
Ion Ratio Lower Upper

53 100

52 42.5 64.8 97.2#

51 0.0 26.9 40.3#

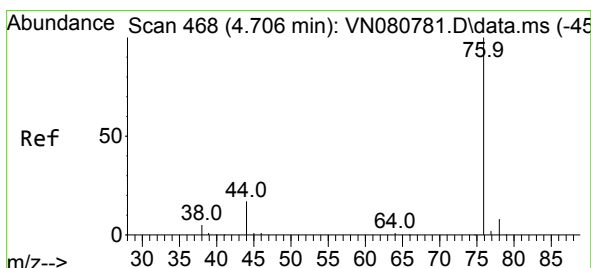
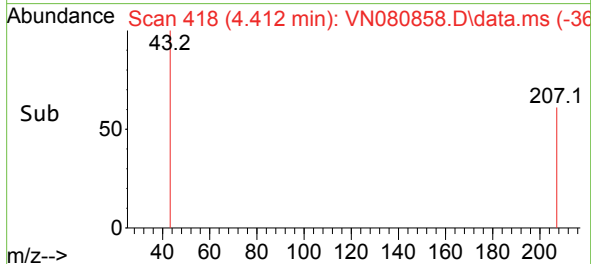
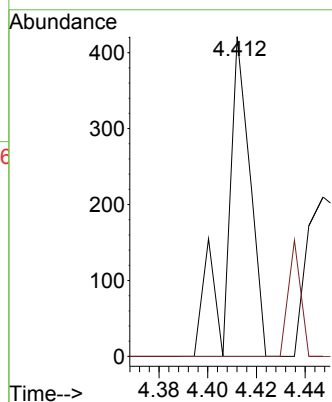
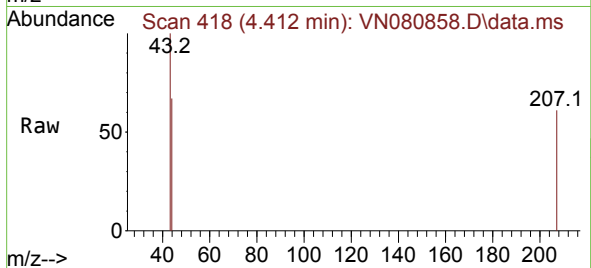




#16
Acetone
Concen: 0.510 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.012 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

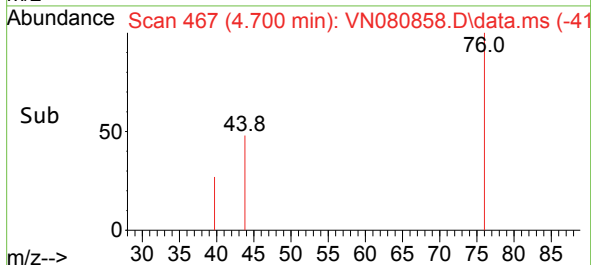
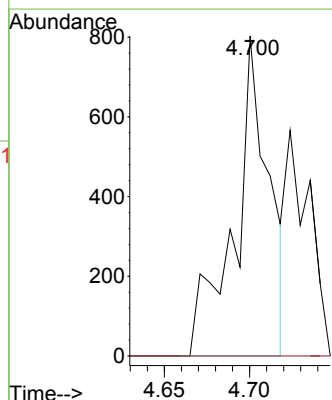
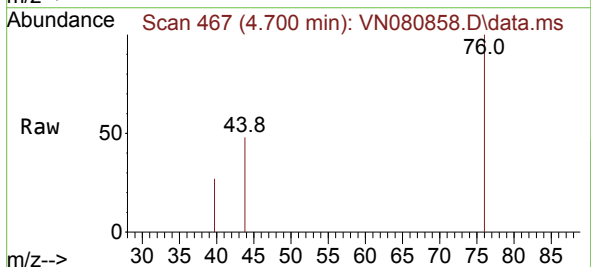
Instrument :
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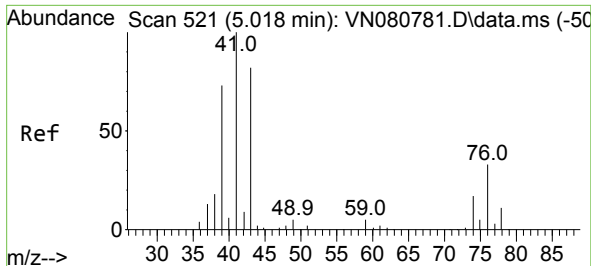
Tgt Ion: 43 Resp: 281
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#17
Carbon Disulfide
Concen: 0.292 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

Tgt Ion: 76 Resp: 1120
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#

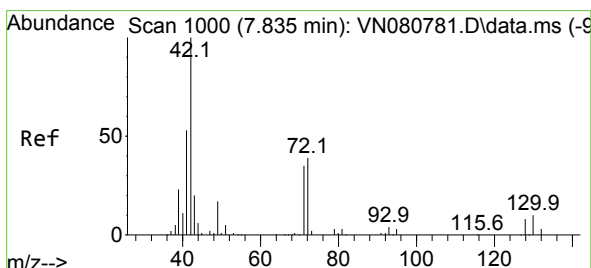
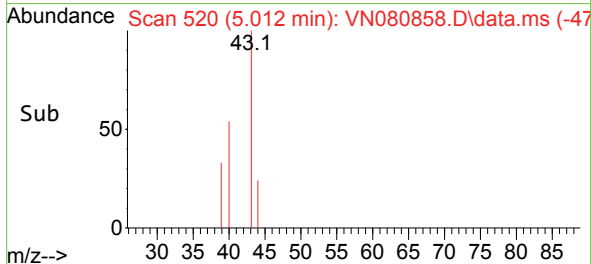
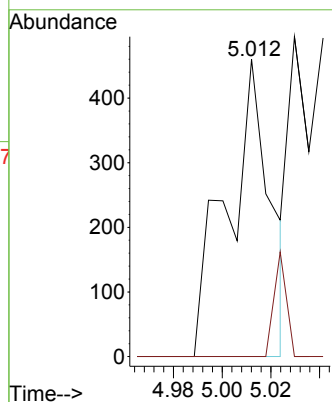
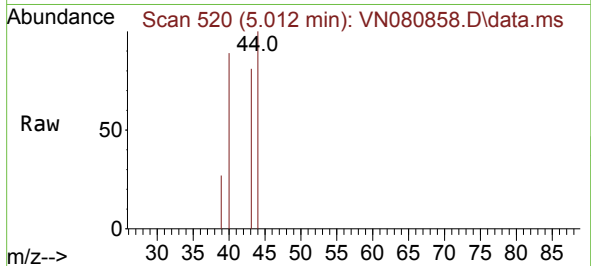




#18
Methyl Acetate
Concen: 0.291 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

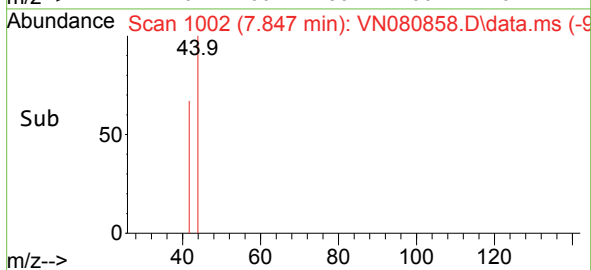
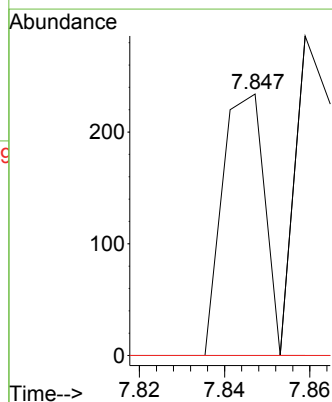
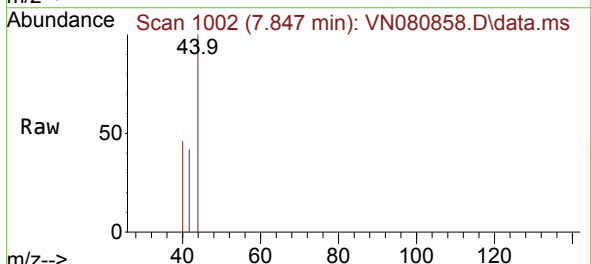
Instrument :
MSVOA_N
ClientSampleId :
VN0201MBL01

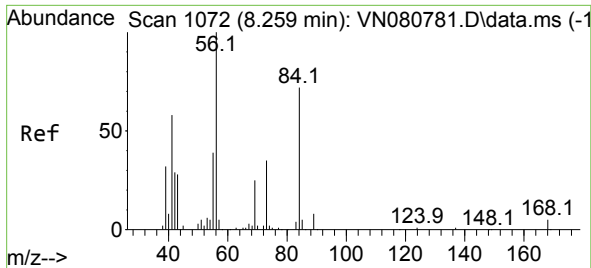
Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



#29
Tetrahydrofuran
Concen: 0.226 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

Tgt Ion: 42 Resp: 160
Ion Ratio Lower Upper
42 100
72 0.0 31.1 46.7#
71 0.0 28.3 42.5#

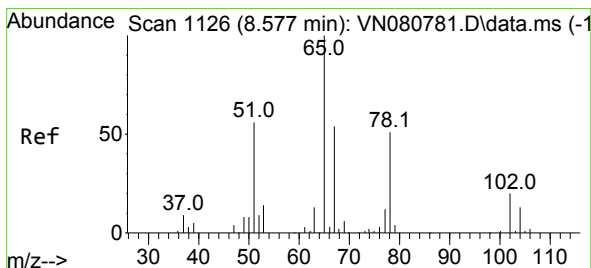
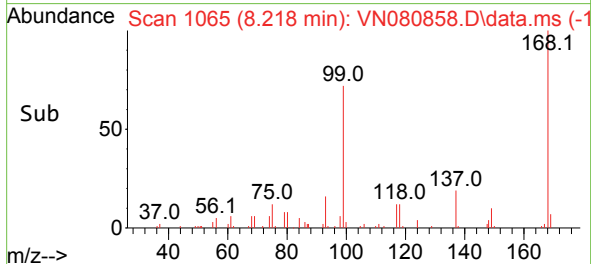
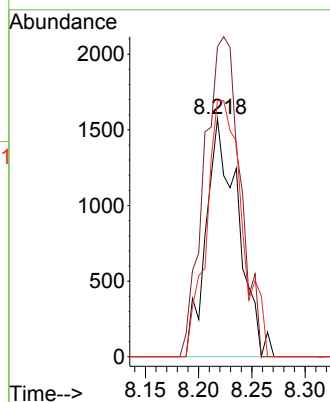
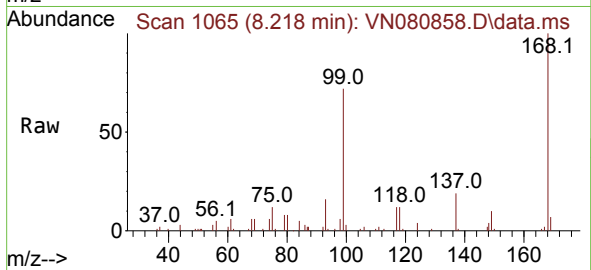




#31
Cyclohexane
Concen: 1.263 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

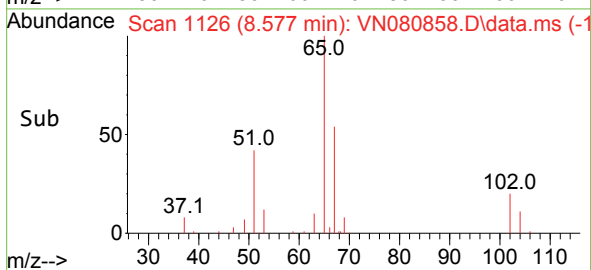
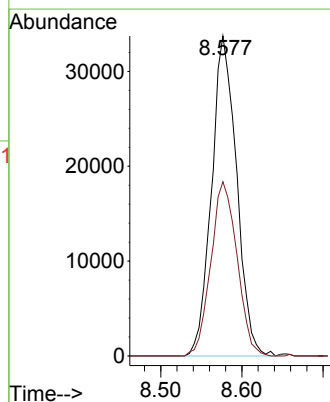
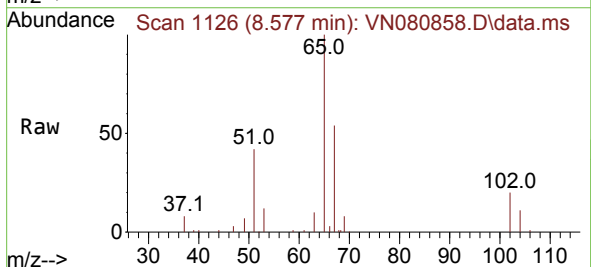
Instrument :
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ClientSampleId :
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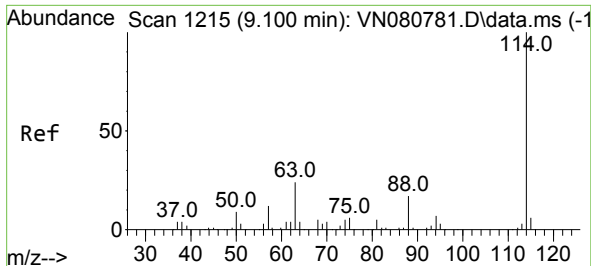
Tgt Ion: 56 Resp: 3292
Ion Ratio Lower Upper
56 100
69 130.3 20.1 30.1#
84 107.7 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 47.549 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

Tgt Ion: 65 Resp: 72262
Ion Ratio Lower Upper
65 100
67 56.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080858.D

Acq: 01 Feb 2024 10:13

Instrument :

MSVOA_N

ClientSampleId :

VN0201MBL01

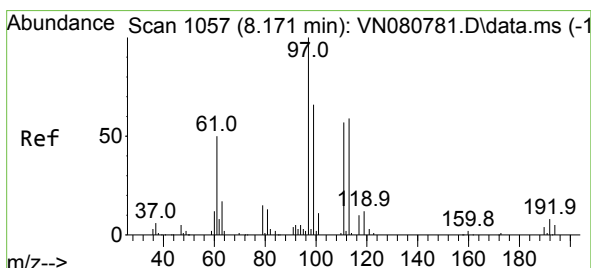
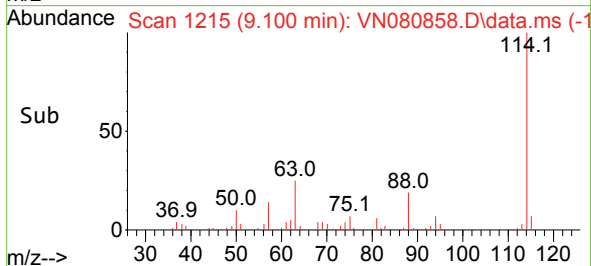
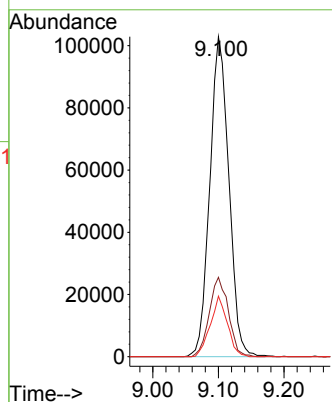
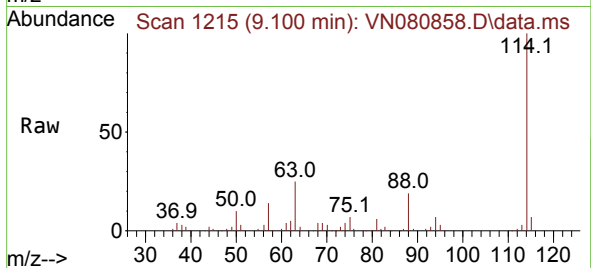
Tgt Ion:114 Resp: 207859

Ion Ratio Lower Upper

114 100

63 24.8 0.0 48.0

88 18.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 45.944 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080858.D

Acq: 01 Feb 2024 10:13

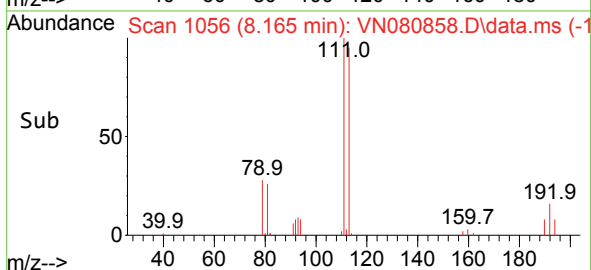
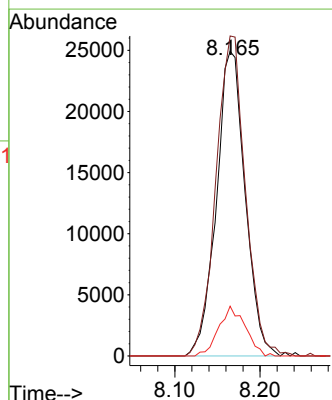
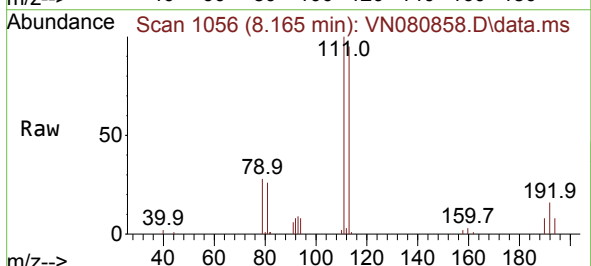
Tgt Ion:113 Resp: 58427

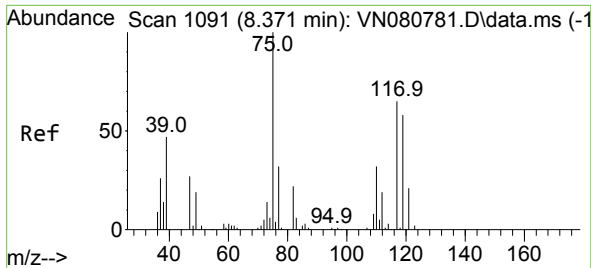
Ion Ratio Lower Upper

113 100

111 107.5 82.2 123.4

192 15.2 12.5 18.7

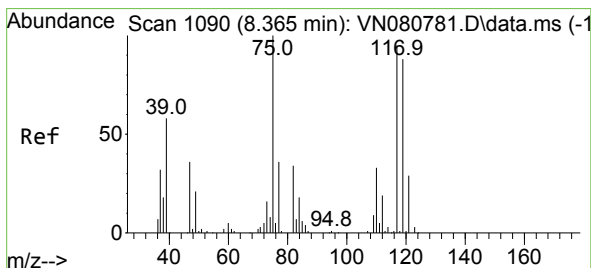
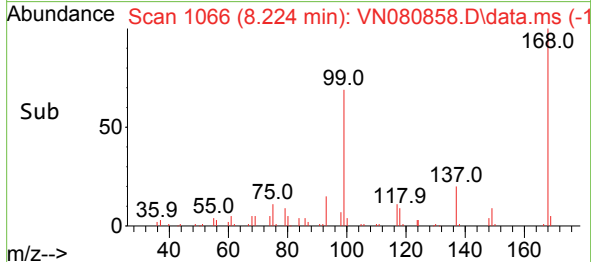
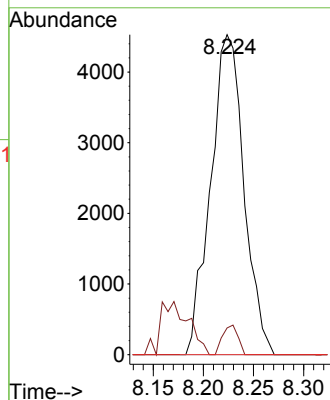
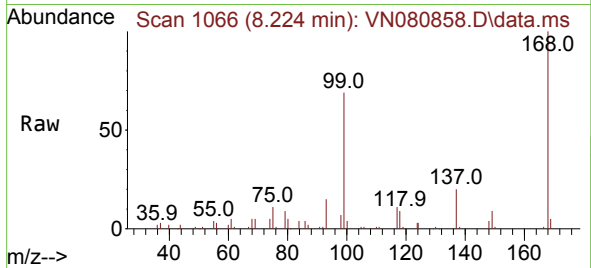




#36
1,1-Dichloropropene
Concen: 4.425 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

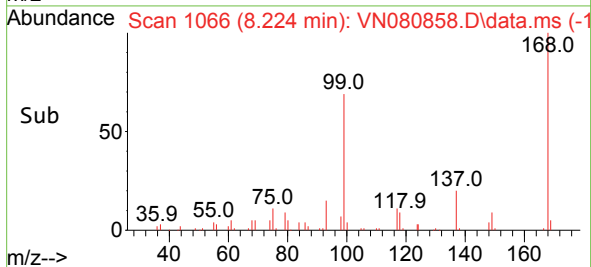
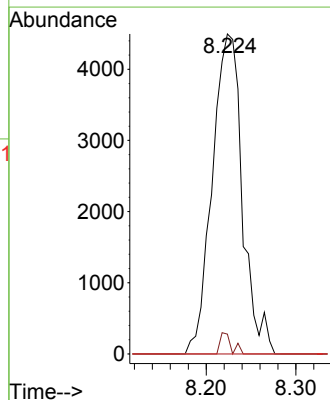
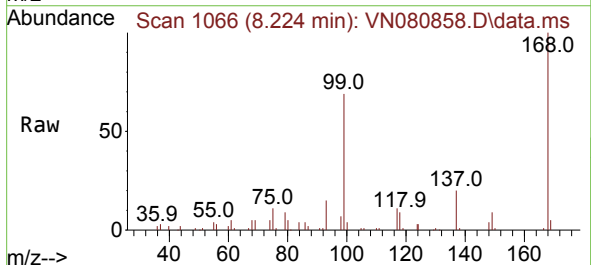
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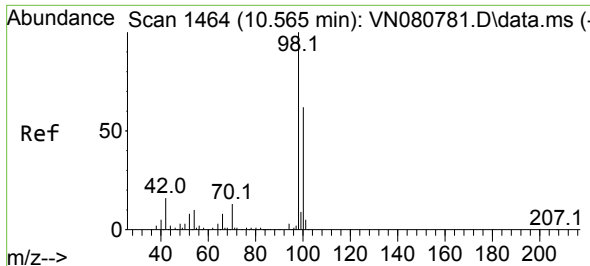
Tgt Ion: 75 Resp: 10459
Ion Ratio Lower Upper
75 100
110 4.3 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 5.499 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

Tgt Ion: 117 Resp: 10473
Ion Ratio Lower Upper
117 100
119 6.2 73.4 110.2#
121 0.0 24.4 36.6#

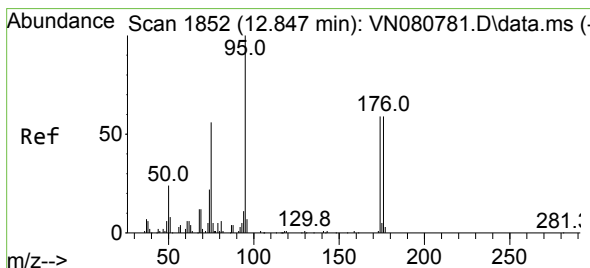
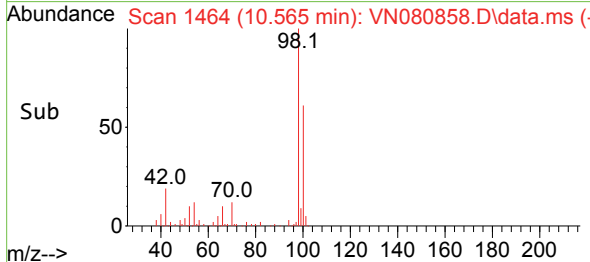
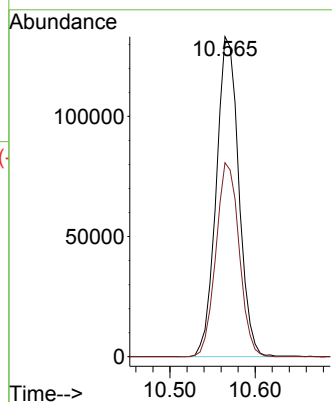
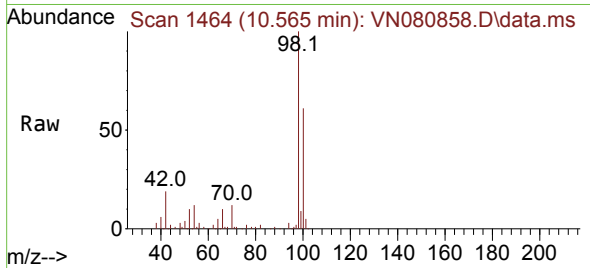




#50
Toluene-d8
Concen: 49.126 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

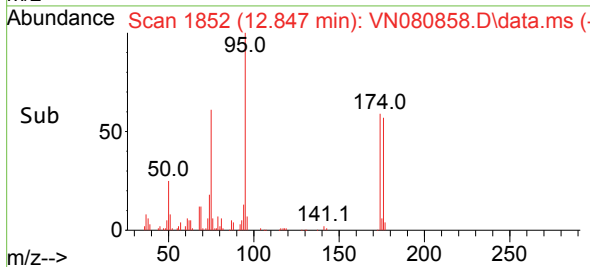
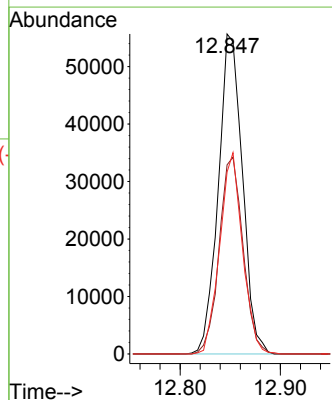
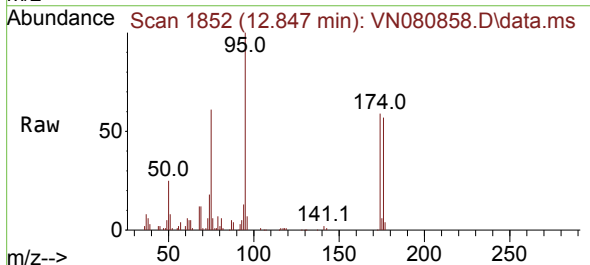
Instrument :
MSVOA_N
ClientSampleId :
VN0201MBL01

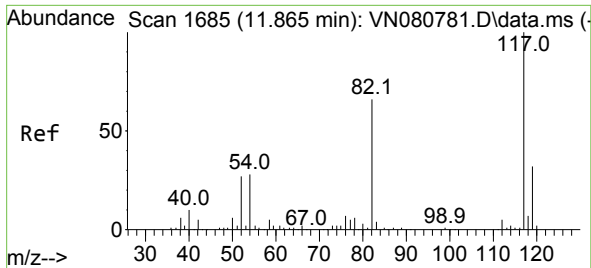
Tgt Ion: 98 Resp: 244513
Ion Ratio Lower Upper
98 100
100 62.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 53.625 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

Tgt Ion: 95 Resp: 93011
Ion Ratio Lower Upper
95 100
174 60.9 0.0 120.4
176 59.3 0.0 121.0

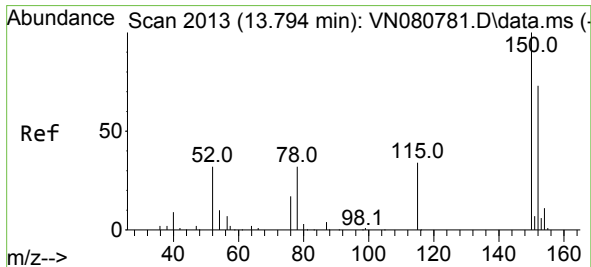
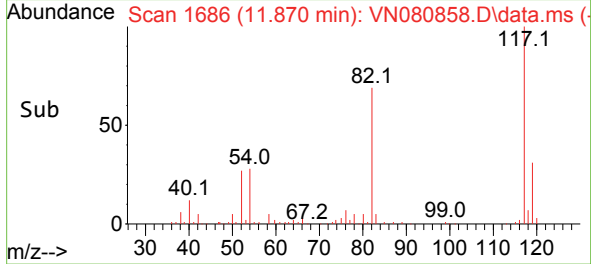
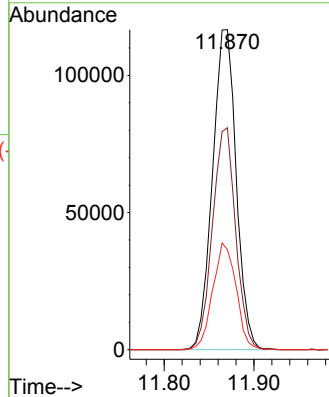
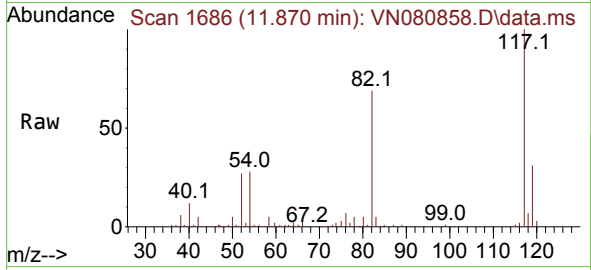




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

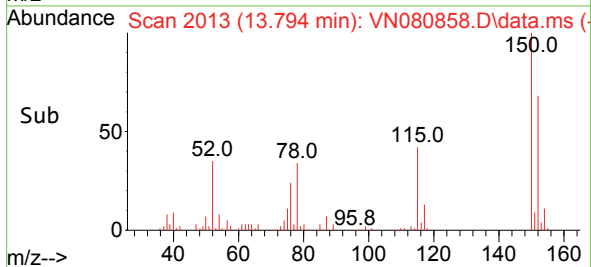
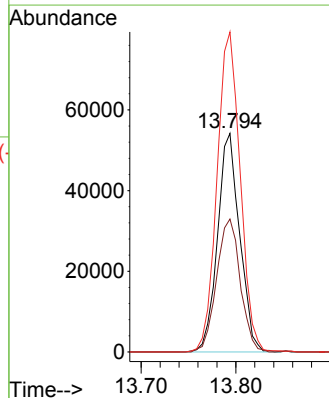
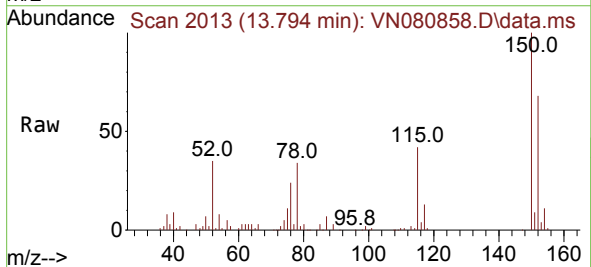
Instrument :
MSVOA_N
ClientSampleId :
VN0201MBL01

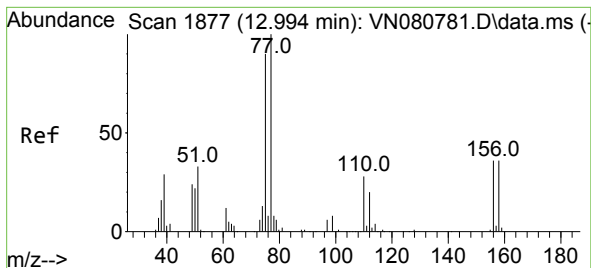
Tgt Ion:117 Resp: 214181
Ion Ratio Lower Upper
117 100
82 69.3 52.7 79.1
119 31.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

Tgt Ion:152 Resp: 88108
Ion Ratio Lower Upper
152 100
115 64.9 32.3 96.8
150 153.0 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 20.845 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080858.D

Acq: 01 Feb 2024 10:13

Instrument :

MSVOA_N

ClientSampleId :

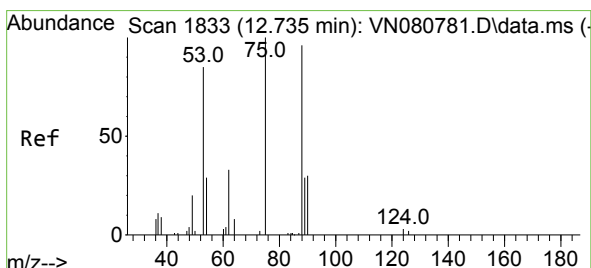
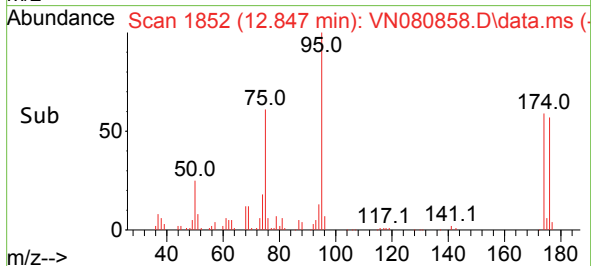
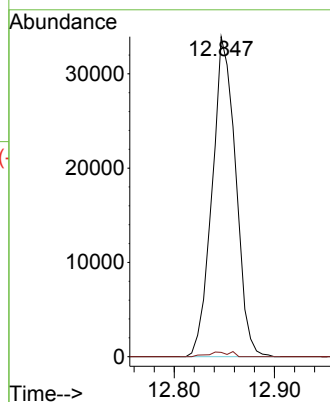
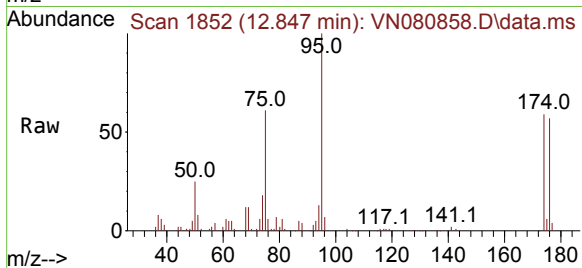
VN0201MBL01

Tgt Ion: 75 Resp: 55393

Ion Ratio Lower Upper

75 100

77 1.5 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 53.701 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN080858.D

Acq: 01 Feb 2024 10:13

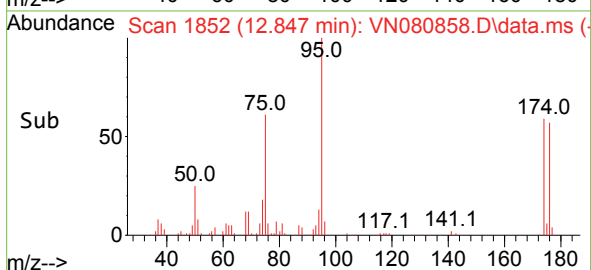
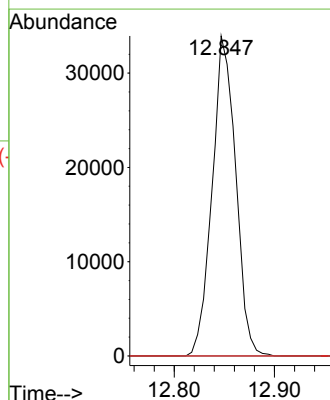
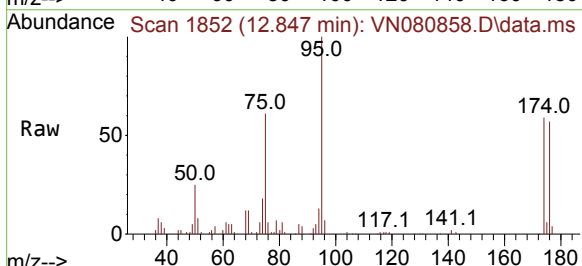
Tgt Ion: 75 Resp: 55393

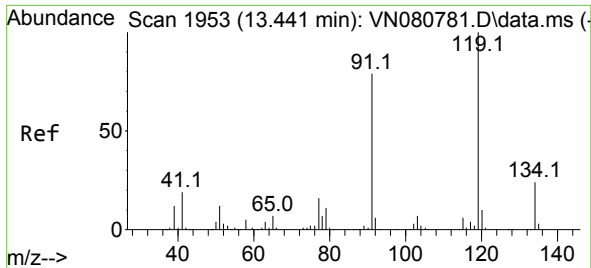
Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.0 33.4 50.0#

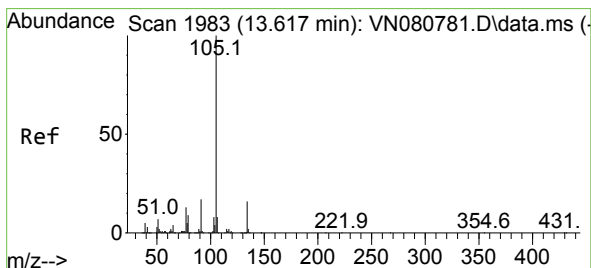
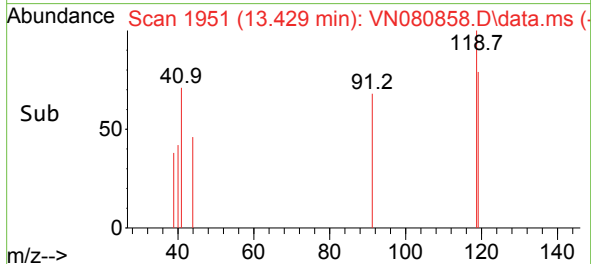
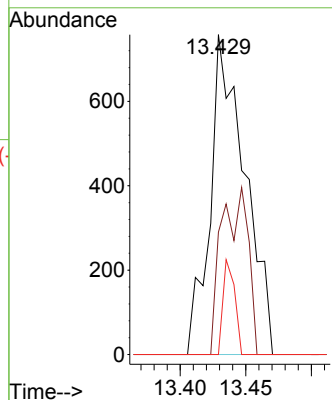
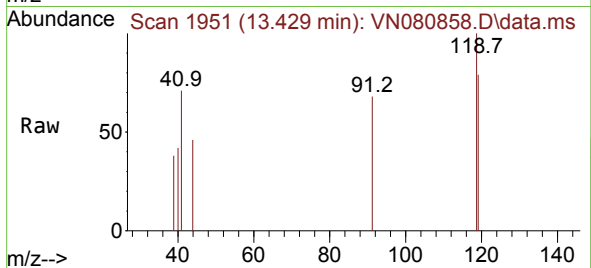




#83
tert-Butylbenzene
Concen: 0.272 ug/l
RT: 13.429 min Scan# 1951
Delta R.T. -0.012 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

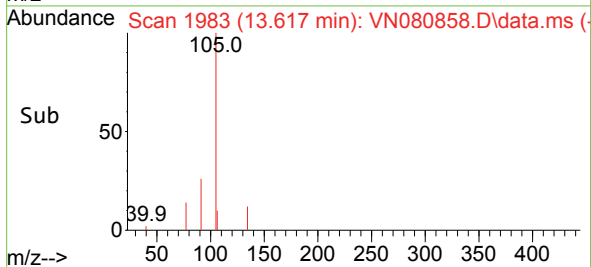
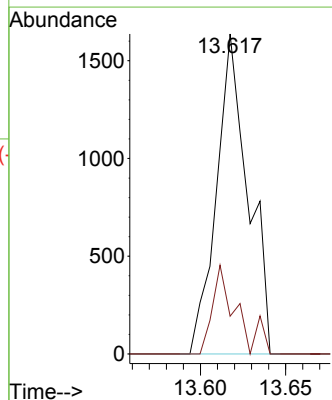
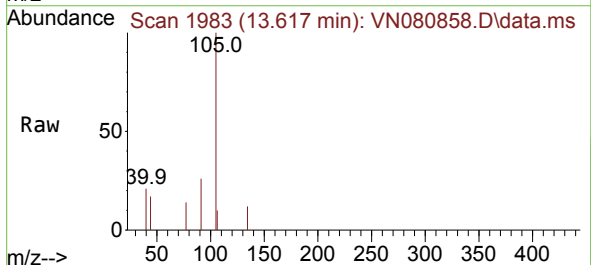
Instrument :
MSVOA_N
ClientSampleId :
VN0201MBL01

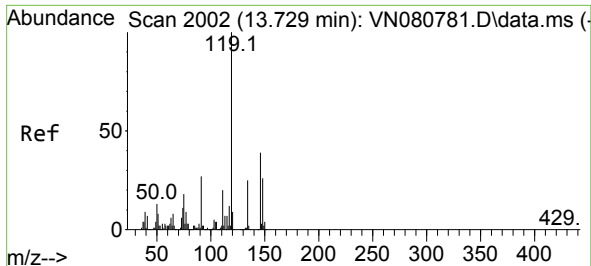
Tgt Ion:119 Resp: 1394
Ion Ratio Lower Upper
119 100
91 40.0 36.8 110.4
134 9.9 12.4 37.4#



#85
sec-Butylbenzene
Concen: 0.279 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

Tgt Ion:105 Resp: 2112
Ion Ratio Lower Upper
105 100
134 21.3 8.6 25.8

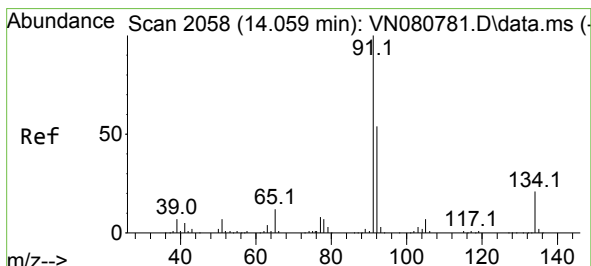
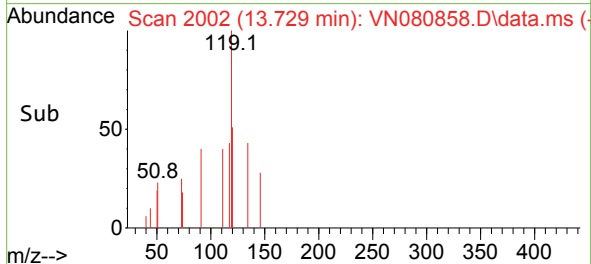
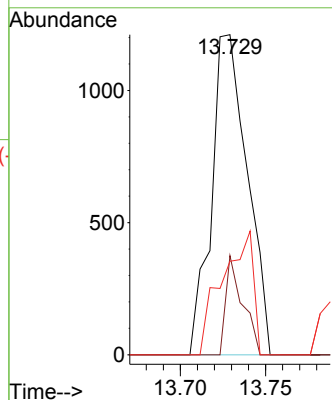
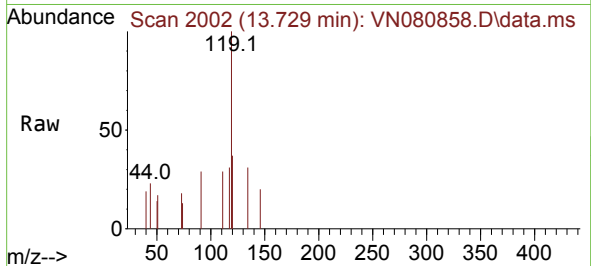




#86
 p-Isopropyltoluene
 Concen: 0.302 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080858.D
 Acq: 01 Feb 2024 10:13

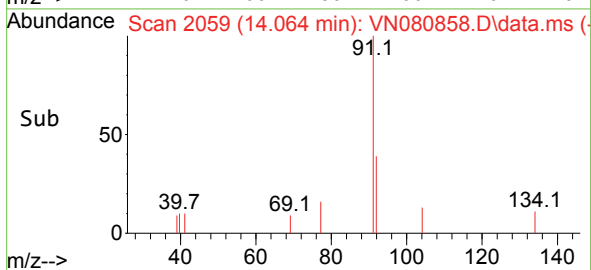
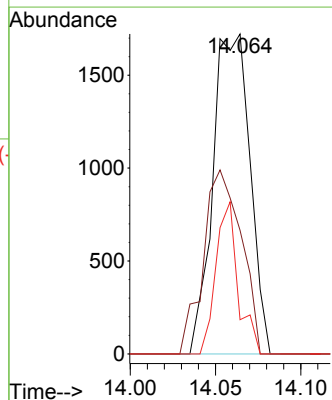
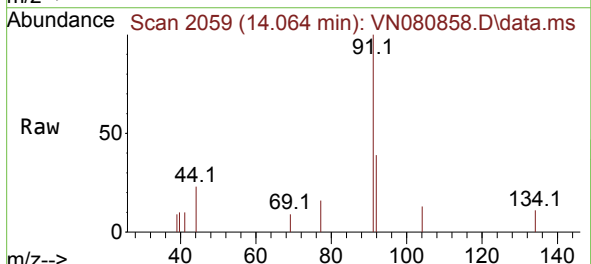
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201MBL01

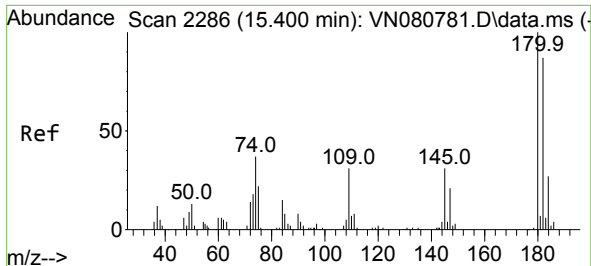
Tgt Ion:119 Resp: 1774
 Ion Ratio Lower Upper
 119 100
 134 14.5 12.4 37.2
 91 33.5 13.5 40.4



#89
 n-Butylbenzene
 Concen: 0.452 ug/l
 RT: 14.064 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VN080858.D
 Acq: 01 Feb 2024 10:13

Tgt Ion: 91 Resp: 2599
 Ion Ratio Lower Upper
 91 100
 92 59.0 26.7 80.1
 134 28.2 10.8 32.4

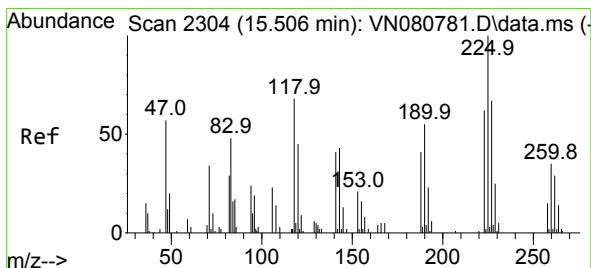
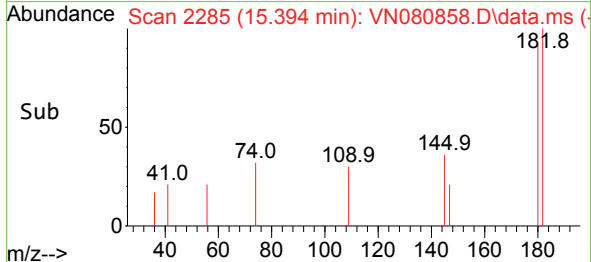
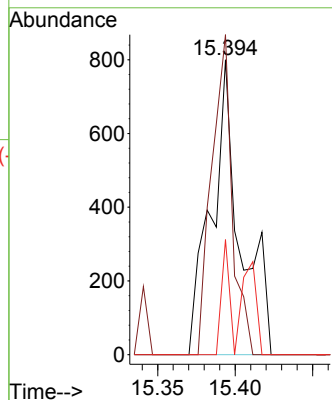
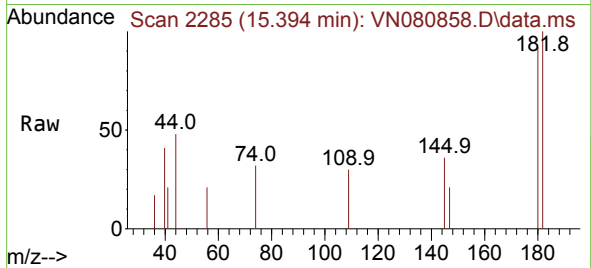




#93
1,2,4-Trichlorobenzene
Concen: 0.715 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

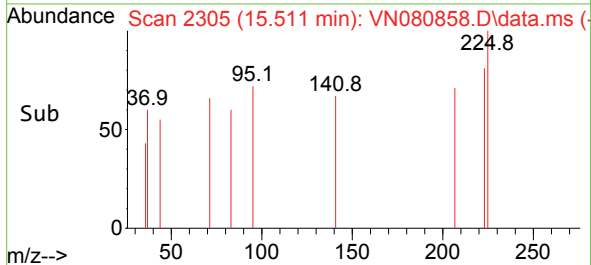
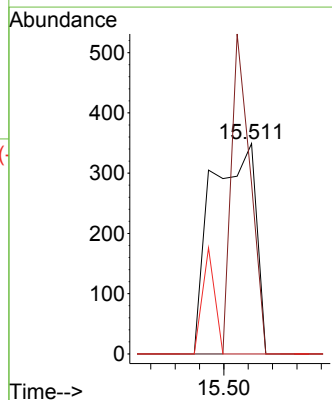
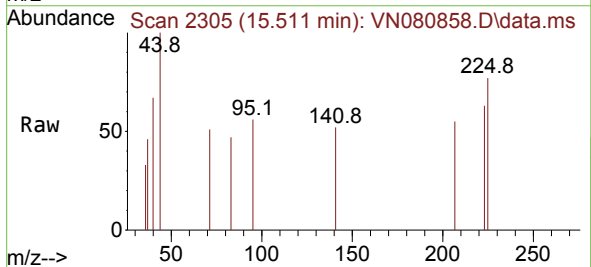
Instrument :
MSVOA_N
ClientSampleId :
VN0201MBL01

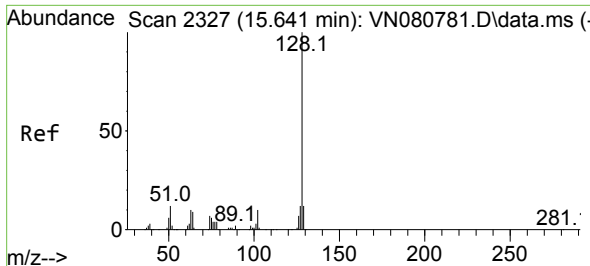
Tgt Ion:180 Resp: 1039
Ion Ratio Lower Upper
180 100
182 76.9 46.6 139.7
145 10.6 16.8 50.3#



#94
Hexachlorobutadiene
Concen: 0.690 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

Tgt Ion:225 Resp: 438
Ion Ratio Lower Upper
225 100
223 65.5 33.3 99.8
227 14.2 33.1 99.2#

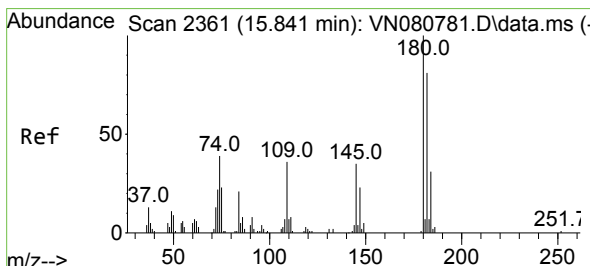
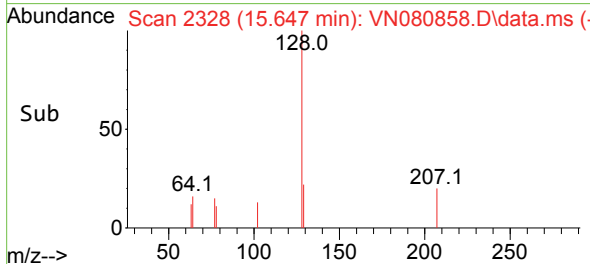
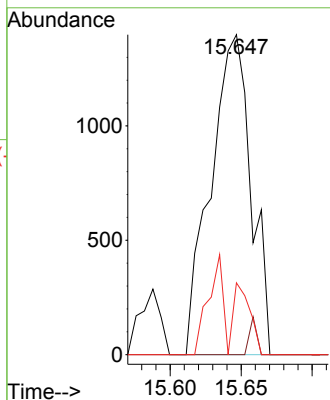
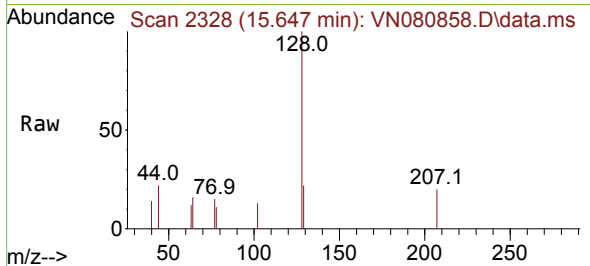




#95
Naphthalene
Concen: 0.498 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

Instrument :
MSVOA_N
ClientSampleId :
VN0201MBL01

Tgt Ion:128 Resp: 2767
Ion Ratio Lower Upper
128 100
127 2.1 10.0 15.0#
129 9.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.733 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080858.D
Acq: 01 Feb 2024 10:13

Tgt Ion:180 Resp: 1047
Ion Ratio Lower Upper
180 100
182 75.0 46.5 139.3
145 14.9 17.8 53.4#

