

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080317.D
 Acq On : 01 Dec 2023 12:12
 Operator : JC\MD
 Sample : 05592-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 01 22:33:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	154718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	311773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154421	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	138741	54.309	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.620%	
35) Dibromofluoromethane	8.165	113	108861	51.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.560%	
50) Toluene-d8	10.571	98	384577	50.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	12.847	95	160357	56.014	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.020%	

Target Compounds			Qvalue			
3) Chloromethane	2.365	50	383	0.221	ug/l #	42
5) Bromomethane	2.971	94	785	0.631	ug/l #	79
6) Chloroethane	3.112	64	643	Below Cal	#	43
10) Methyl Iodide	4.589	142	669	0.354	ug/l #	57
11) Tert butyl alcohol	5.512	59	104	0.370	ug/l #	72
15) Acrylonitrile	5.741	53	188	0.249	ug/l #	47
16) Acetone	4.436	43	2294	2.674	ug/l #	67
17) Carbon Disulfide	4.712	76	2103	0.431	ug/l #	75
25) 2-Butanone	7.488	43	847	0.831	ug/l #	37
31) Cyclohexane	8.247	56	8863	3.190	ug/l #	81
36) 1,1-Dichloropropene	8.230	75	13360	4.389	ug/l #	52
37) Ethyl Acetate	7.488	43	847	0.401	ug/l #	63
38) Carbon Tetrachloride	8.230	117	18018	4.664	ug/l #	16
39) Methylcyclohexane	9.600	83	8058	2.745	ug/l	91
40) Benzene	8.606	78	144934	16.752	ug/l	100
55) 1,1,2-Trichloroethane	11.006	97	2083	1.008	ug/l #	16
59) 2-Hexanone	11.200	43	806	0.472	ug/l	76
67) Ethyl Benzene	11.965	91	3256	0.259	ug/l	99
68) m/p-Xylenes	12.076	106	5844	1.275	ug/l	90
69) o-Xylene	12.400	106	2538	0.588	ug/l	83
71) Bromoform	12.853	173	710	0.349	ug/l #	1
73) Isopropylbenzene	12.700	105	43470	3.623	ug/l	99
76) 1,2,3-Trichloropropane	12.853	75	92882	24.549	ug/l #	1
78) n-propylbenzene	13.041	91	21372	1.593	ug/l	100
79) 2-Chlorotoluene	13.223	91	2326	0.267	ug/l	81
80) 1,3,5-Trimethylbenzene	13.182	105	4018	0.385	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.853	75	92882	82.940	ug/l #	15
82) 4-Chlorotoluene	13.223	91	2326	0.261	ug/l	80
84) 1,2,4-Trimethylbenzene	13.482	105	16242	1.579	ug/l	94
85) sec-Butylbenzene	13.617	105	5295	0.500	ug/l	81
86) p-Isopropyltoluene	13.670	119	3958	0.418	ug/l	92
87) 1,3-Dichlorobenzene	13.735	146	1486	0.273	ug/l #	76
88) 1,4-Dichlorobenzene	13.823	146	2102	0.384	ug/l #	73
89) n-Butylbenzene	14.117	91	3237	0.409	ug/l #	1
90) Hexachloroethane	14.329	117	10873	5.892	ug/l #	21
91) 1,2-Dichlorobenzene	14.100	146	1448	0.278	ug/l	84

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Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

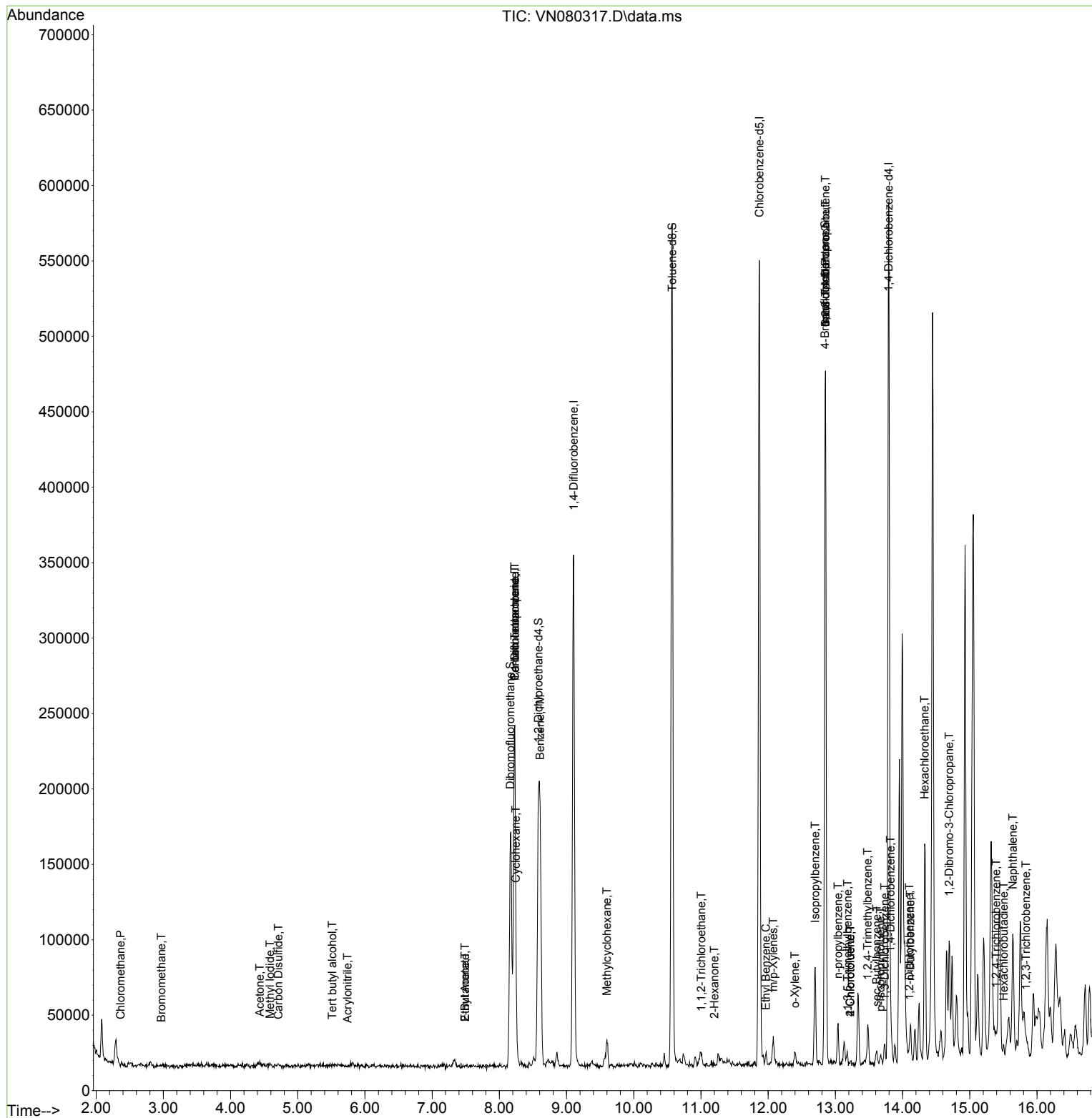
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.694	75	651	0.780	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.394	180	3427	1.130	ug/l #	76
94) Hexachlorobutadiene	15.506	225	1715	0.982	ug/l	96
95) Naphthalene	15.641	128	69070	7.851	ug/l	96
96) 1,2,3-Trichlorobenzene	15.835	180	4436	1.560	ug/l	85

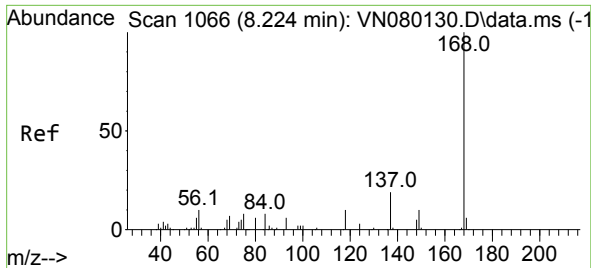
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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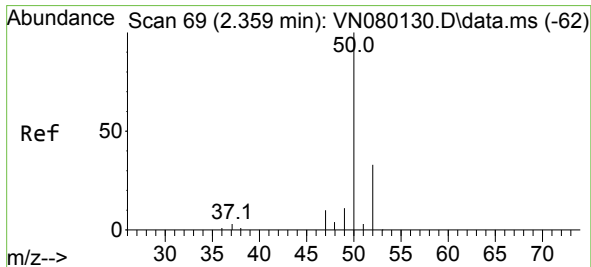
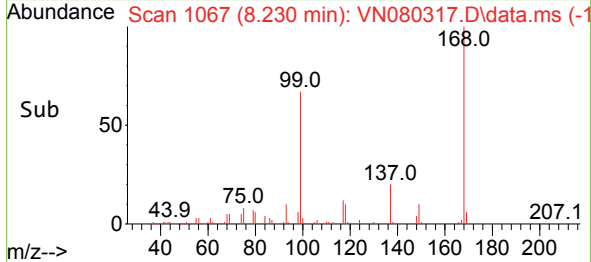
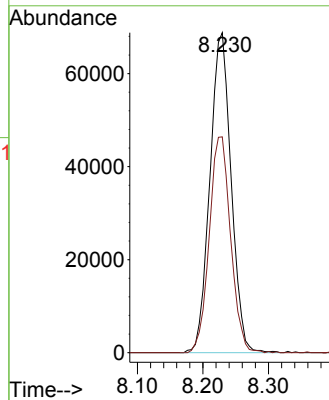
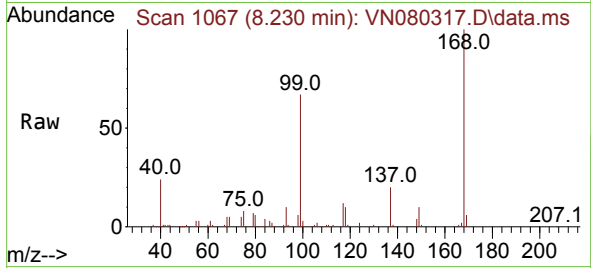




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

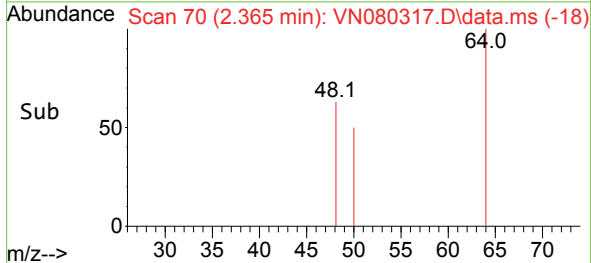
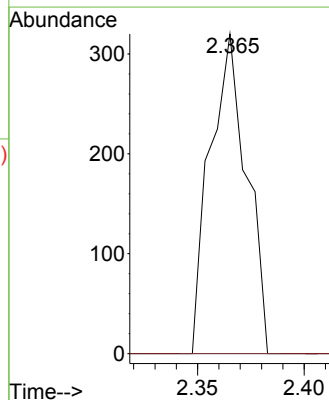
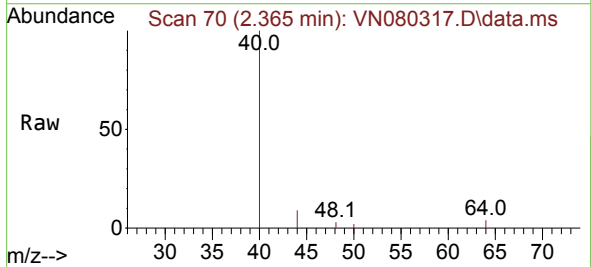
Instrument :
MSVOA_N
ClientSampleId :

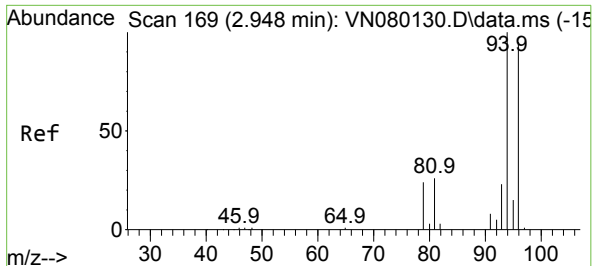
Tgt Ion:168 Resp: 154718
Ion Ratio Lower Upper
168 100
99 67.4 53.0 79.6



#3
Chloromethane
Concen: 0.221 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Tgt Ion: 50 Resp: 383
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

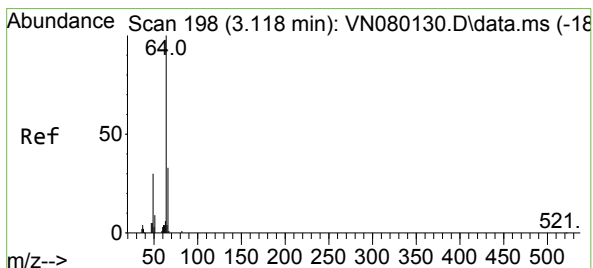
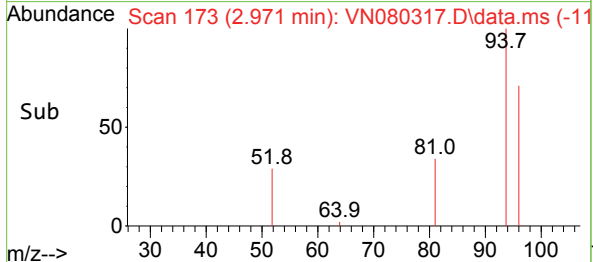
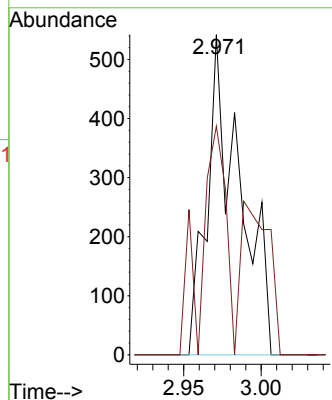
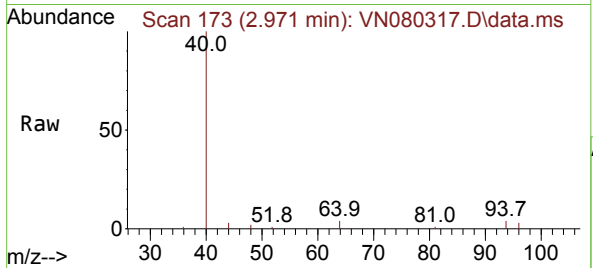




#5
Bromomethane
Concen: 0.631 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

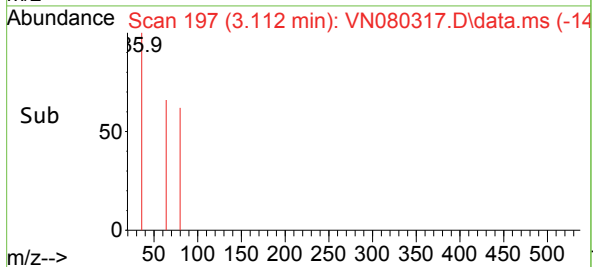
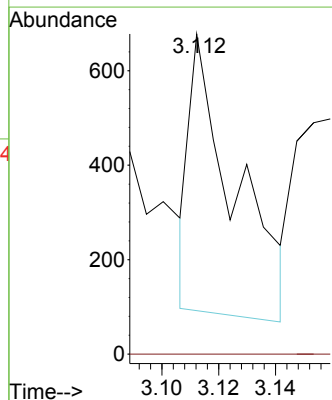
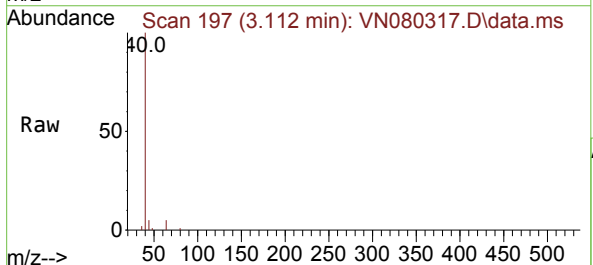
Instrument :
MSVOA_N
ClientSampleId :

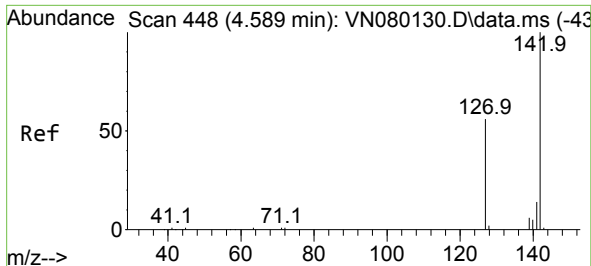
Tgt Ion: 94 Resp: 785
Ion Ratio Lower Upper
94 100
96 71.4 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

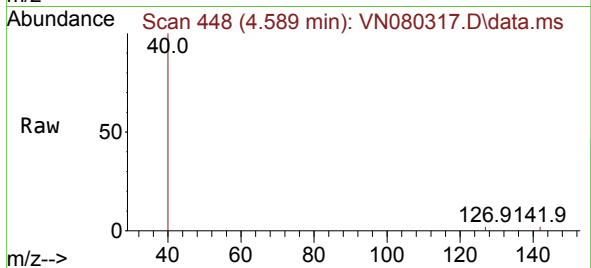
Tgt Ion: 64 Resp: 643
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



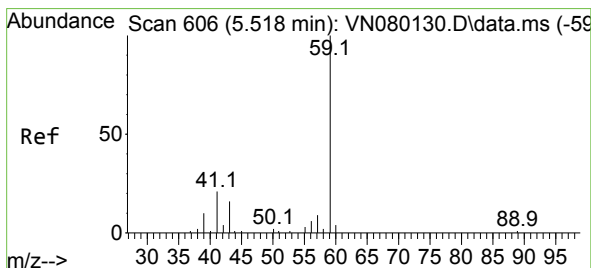
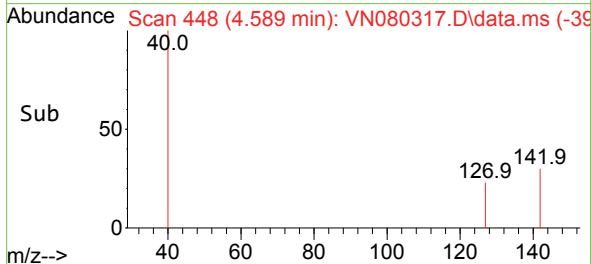
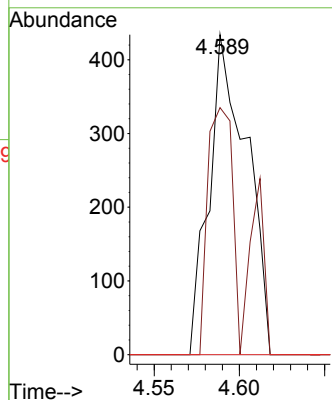


#10
Methyl Iodide
Concen: 0.354 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :

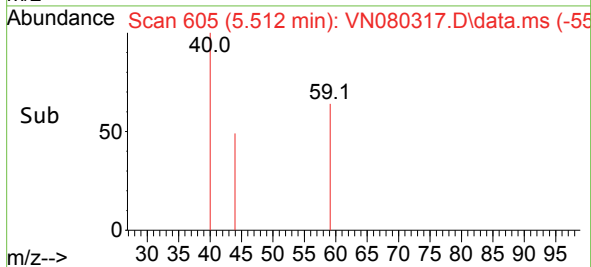
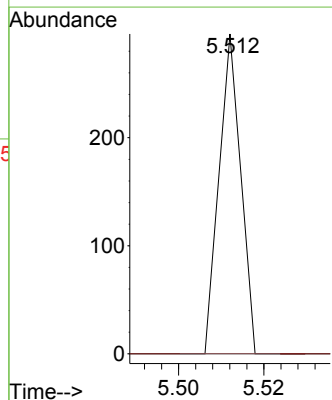
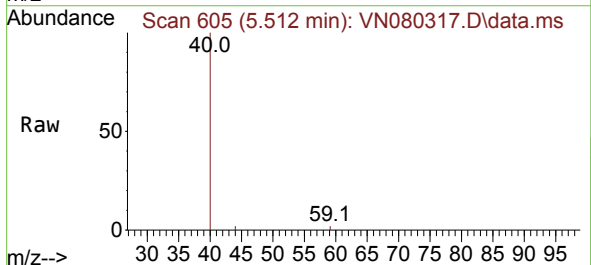


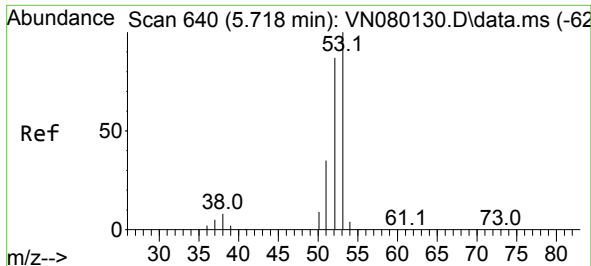
Tgt Ion:142 Resp: 669
Ion Ratio Lower Upper
142 100
127 77.2 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.370 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

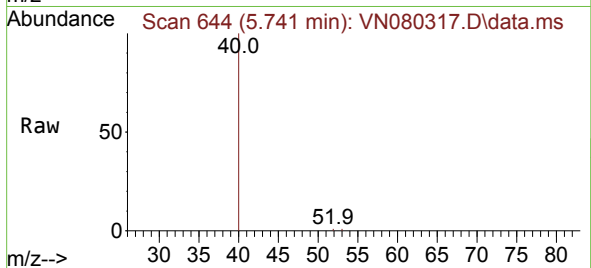
Tgt Ion: 59 Resp: 104
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



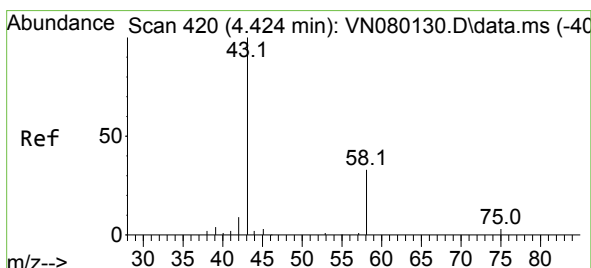
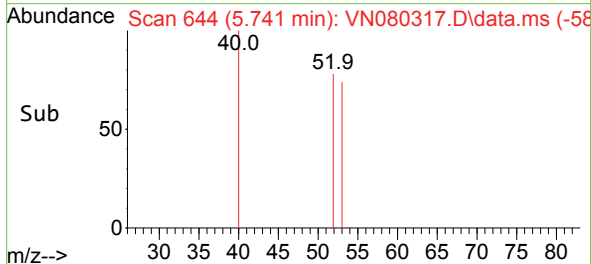
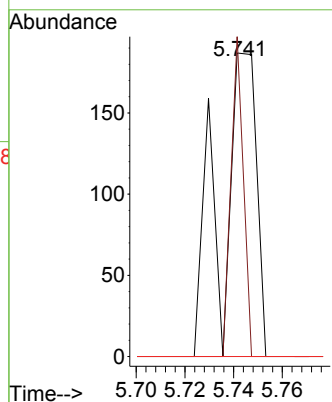


#15
Acrylonitrile
Concen: 0.249 ug/l
RT: 5.741 min Scan# 64
Delta R.T. 0.023 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Instrument :
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ClientSampleId :

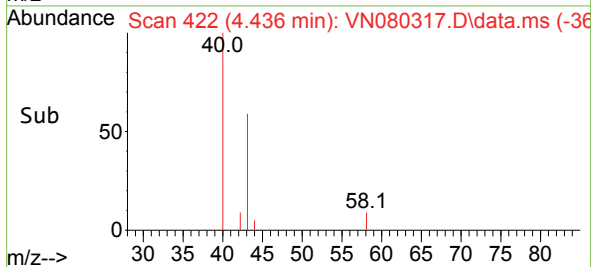
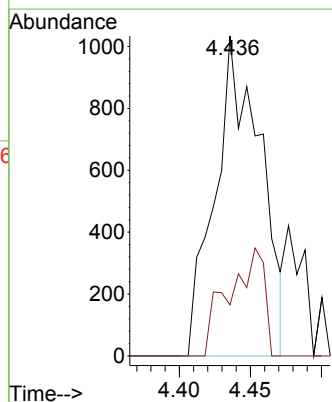
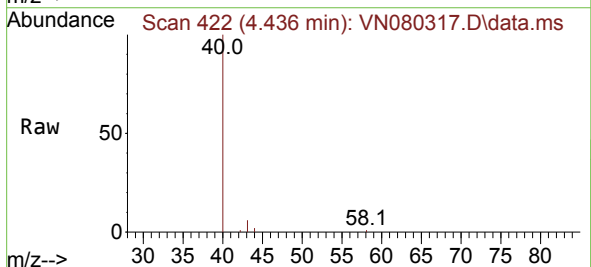


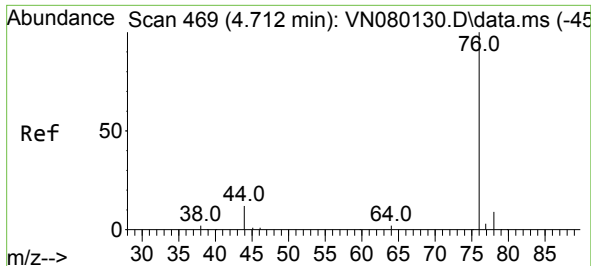
Tgt Ion: 53 Resp: 188
Ion Ratio Lower Upper
53 100
52 37.2 65.3 97.9#
51 0.0 28.9 43.3#



#16
Acetone
Concen: 2.674 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

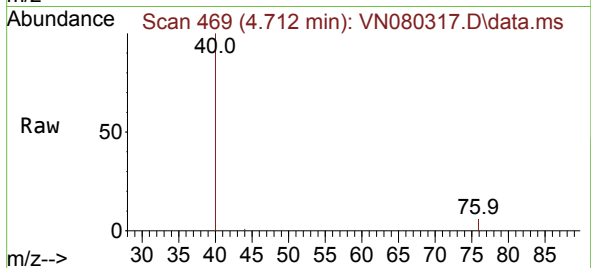
Tgt Ion: 43 Resp: 2294
Ion Ratio Lower Upper
43 100
58 16.0 28.0 42.0#



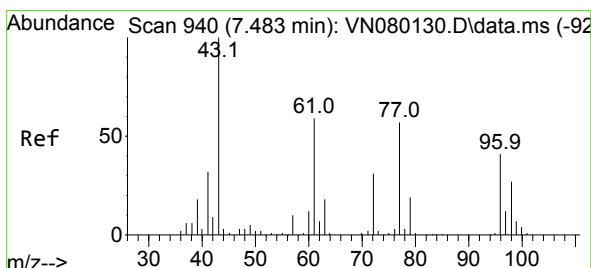
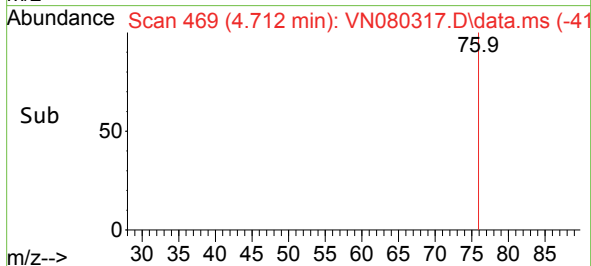
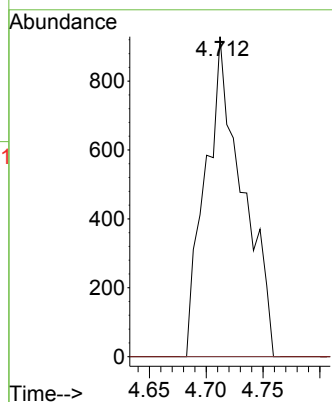


#17
Carbon Disulfide
Concen: 0.431 ug/l
RT: 4.712 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

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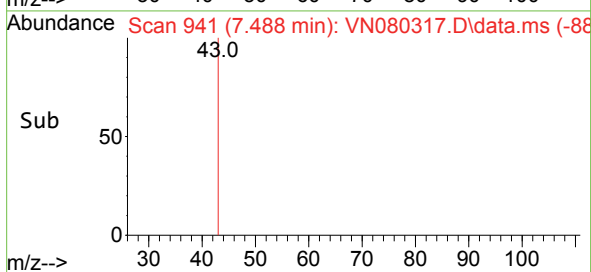
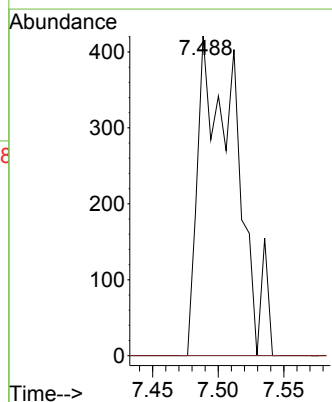
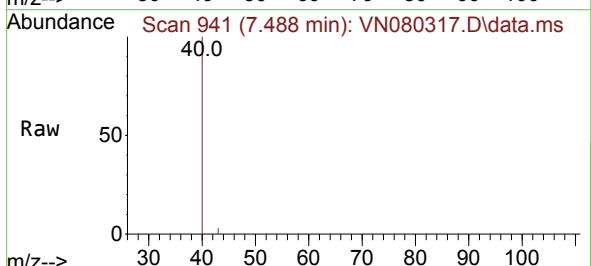


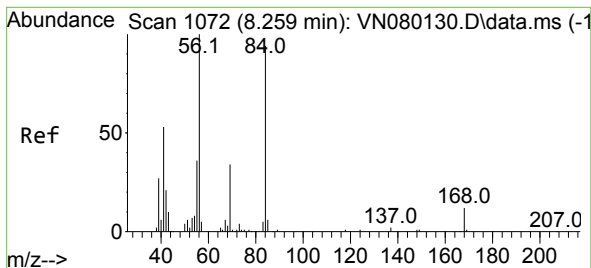
Tgt Ion: 76 Resp: 2103
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#25
2-Butanone
Concen: 0.831 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#





#31

Cyclohexane

Concen: 3.190 ug/l

RT: 8.247 min Scan# 1072

Delta R.T. -0.012 min

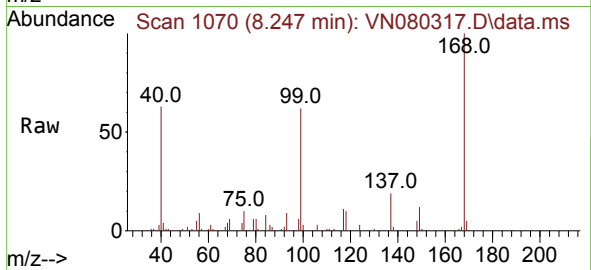
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Acq: 01 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :



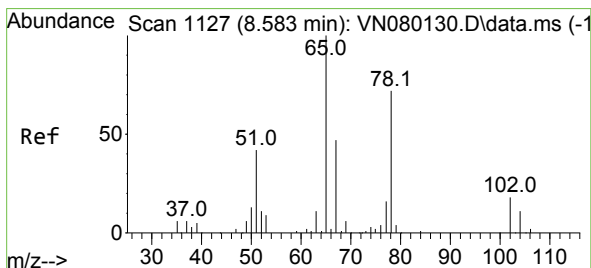
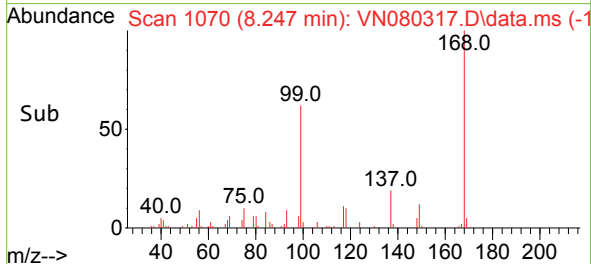
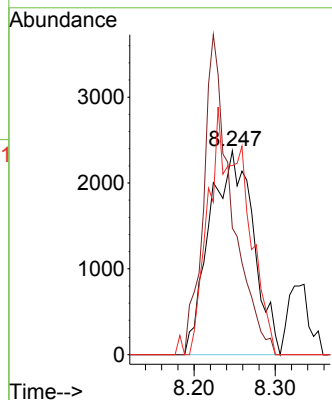
Tgt Ion: 56 Resp: 8863

Ion Ratio Lower Upper

56 100

69 62.1 26.8 40.2#

84 92.8 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 54.309 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080317.D

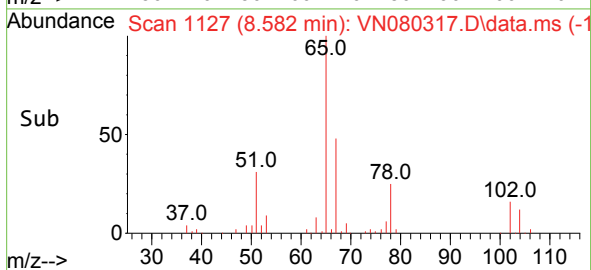
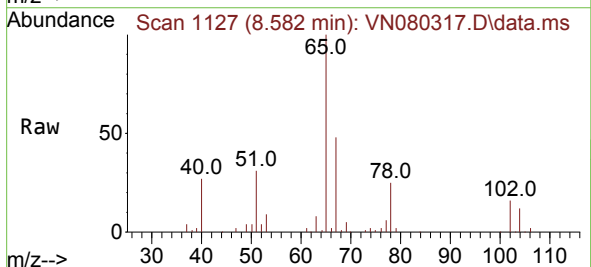
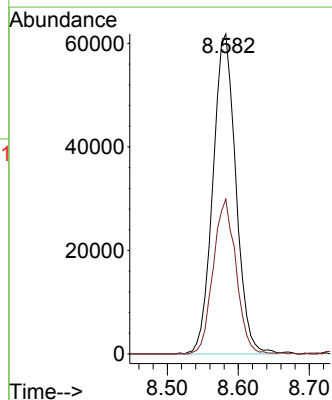
Acq: 01 Dec 2023 12:12

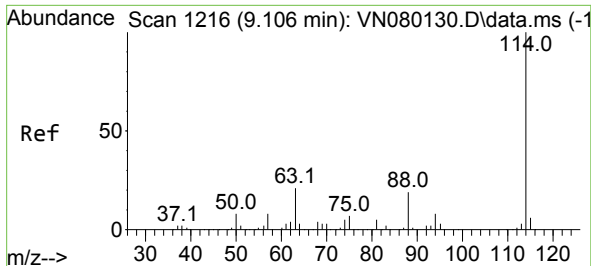
Tgt Ion: 65 Resp: 138741

Ion Ratio Lower Upper

65 100

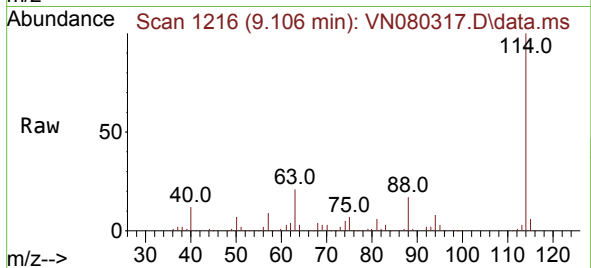
67 48.0 0.0 106.6



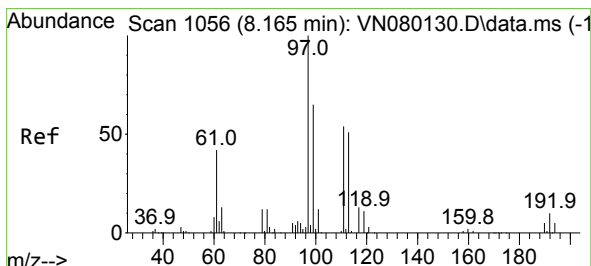
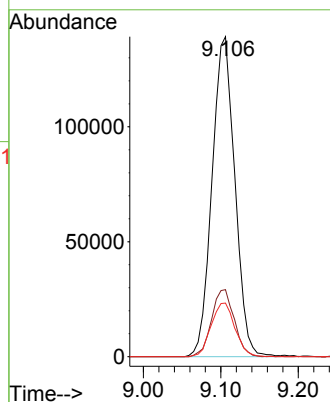
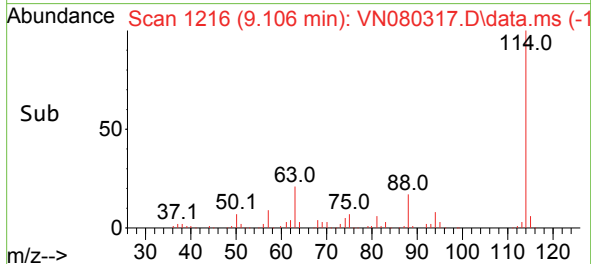


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :

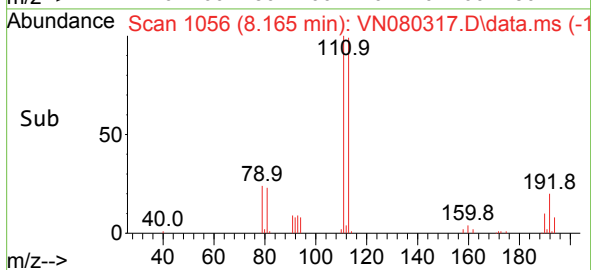
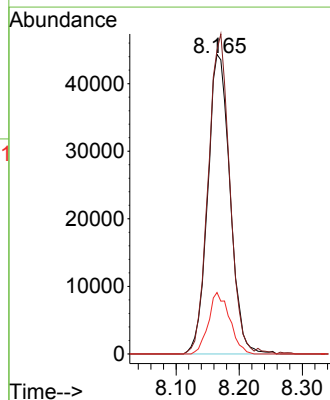
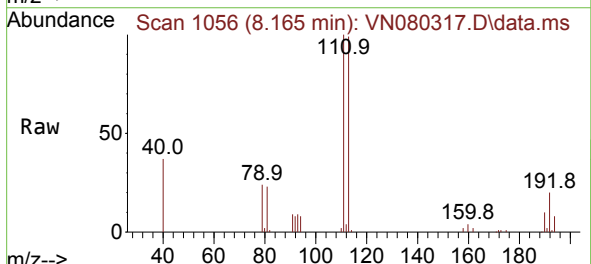


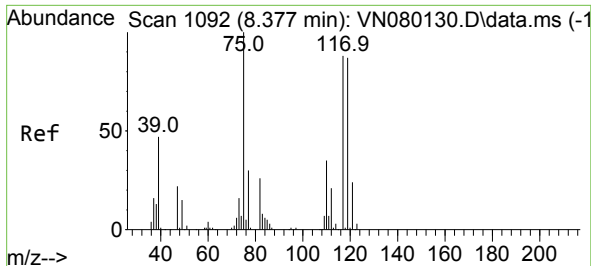
Tgt Ion:114 Resp: 284948
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 16.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.776 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

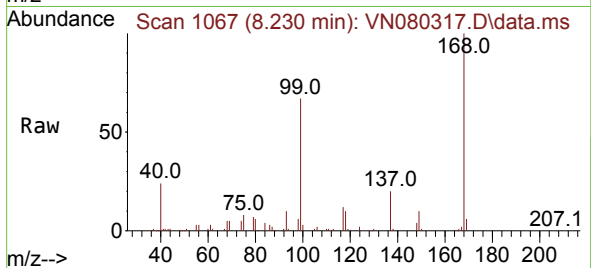
Tgt Ion:113 Resp: 108861
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 19.5 12.7 19.1#



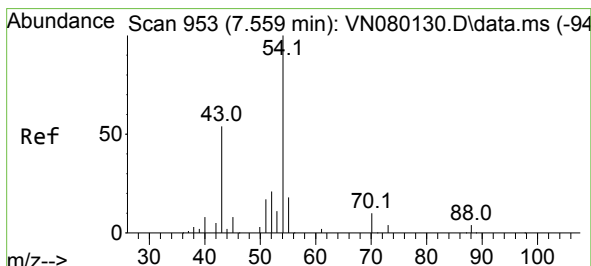
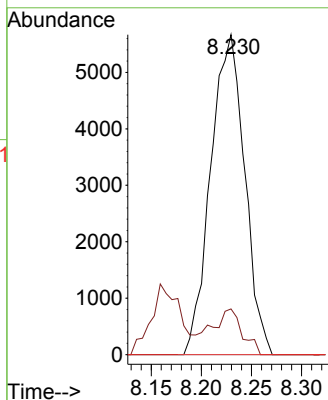
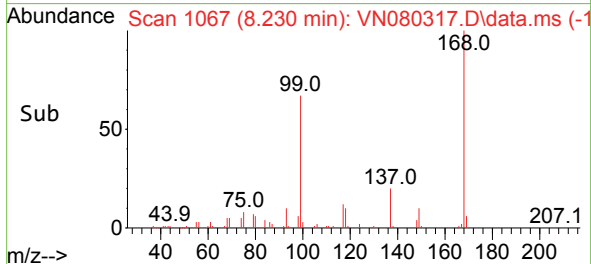


#36
 1,1-Dichloropropene
 Concen: 4.389 ug/l
 RT: 8.230 min Scan# 1092
 Delta R.T. -0.147 min
 Lab File: VN080317.D
 Acq: 01 Dec 2023 12:12

Instrument :
 MSVOA_N
 ClientSampleId :

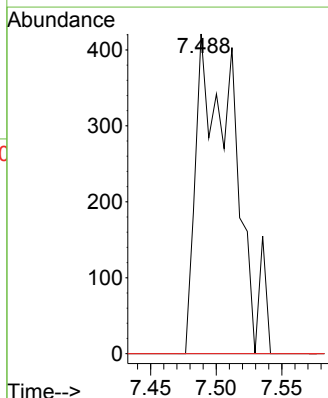
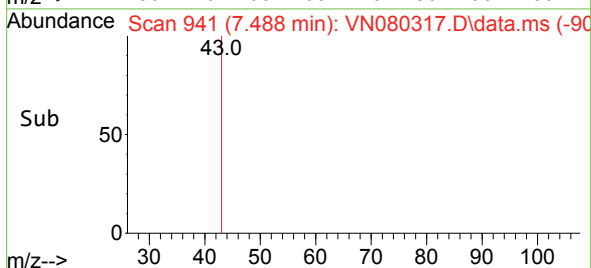
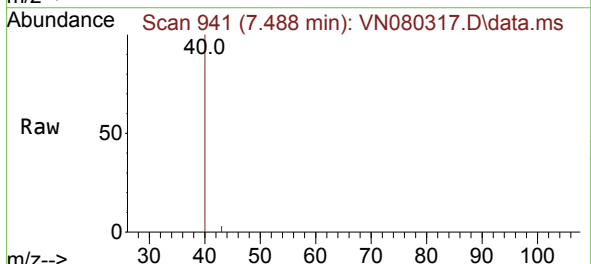


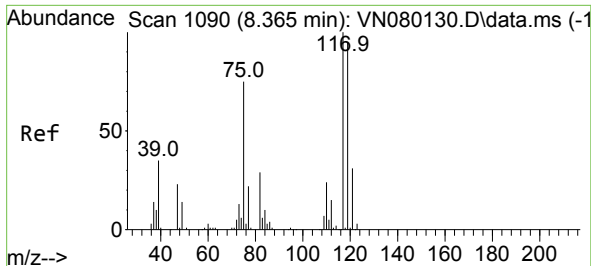
Tgt Ion: 75 Resp: 13360
 Ion Ratio Lower Upper
 75 100
 110 13.0 19.1 57.3#
 77 0.0 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 0.401 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.071 min
 Lab File: VN080317.D
 Acq: 01 Dec 2023 12:12

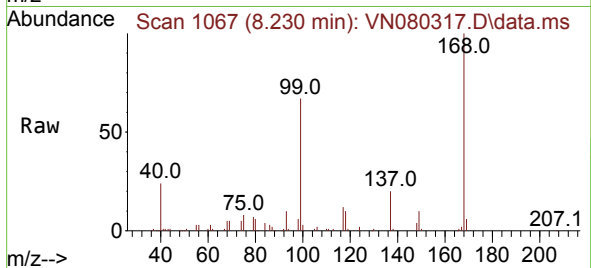
Tgt Ion: 43 Resp: 847
 Ion Ratio Lower Upper
 43 100
 61 0.0 13.2 19.8#
 70 0.0 11.3 16.9#



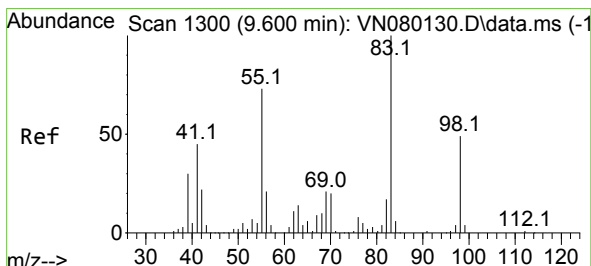
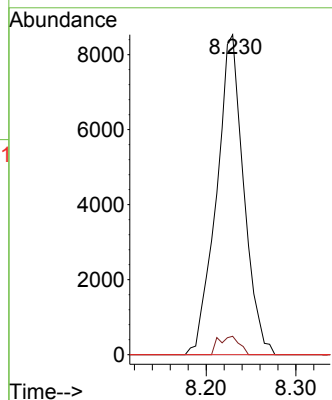
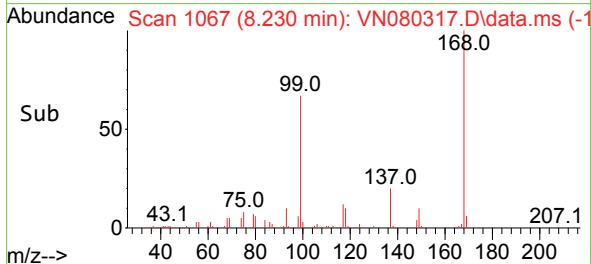


#38
Carbon Tetrachloride
Concen: 4.664 ug/l
RT: 8.230 min Scan# 1090
Delta R.T. -0.135 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :

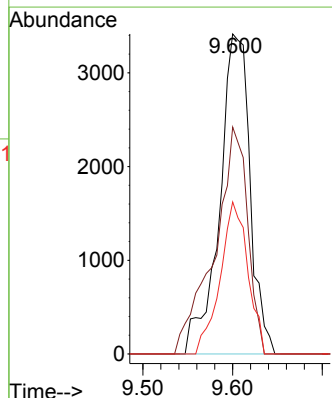
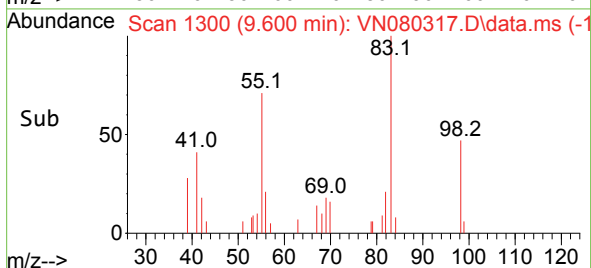
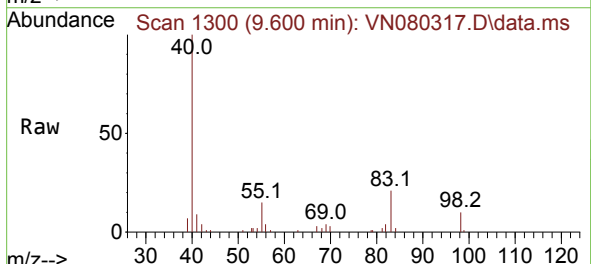


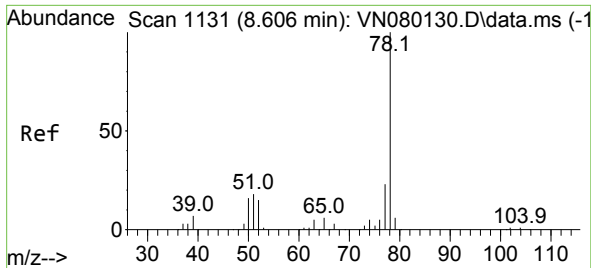
Tgt Ion:117 Resp: 18018
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 2.745 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Tgt Ion: 83 Resp: 8058
Ion Ratio Lower Upper
83 100
55 70.9 49.1 73.7
98 47.5 40.6 61.0

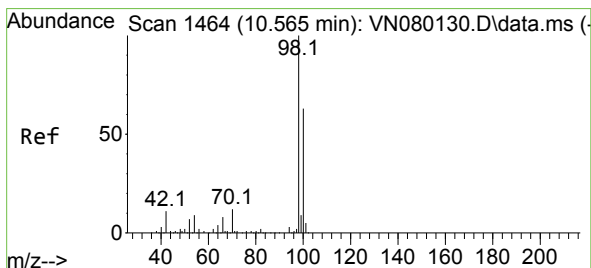
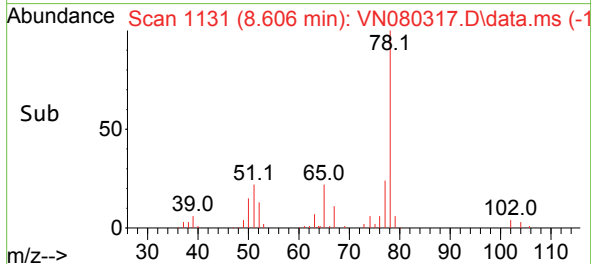
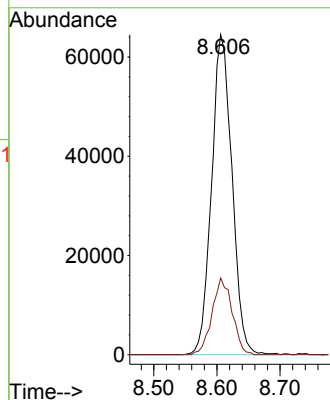
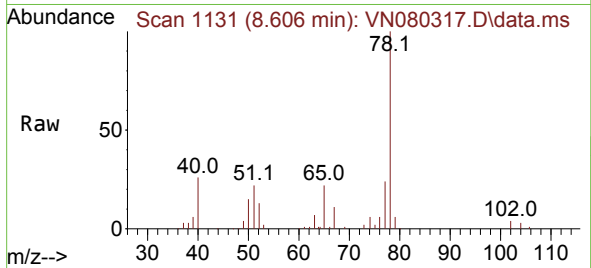




#40
Benzene
Concen: 16.752 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

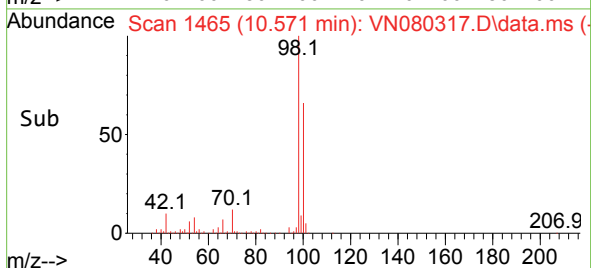
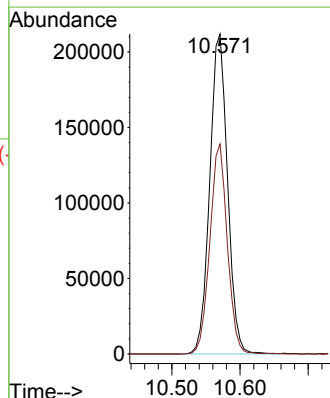
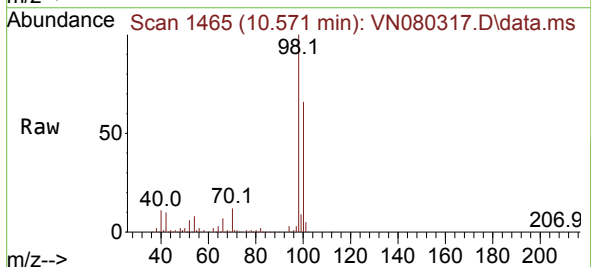
Instrument :
MSVOA_N
ClientSampleId :

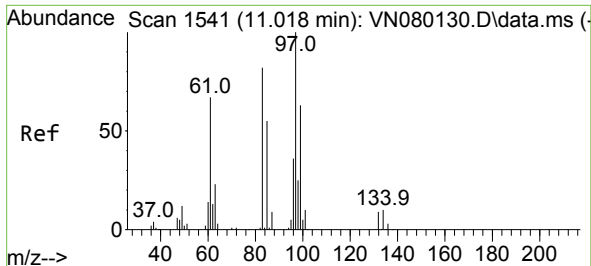
Tgt Ion: 78 Resp: 144934
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6



#50
Toluene-d8
Concen: 50.741 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

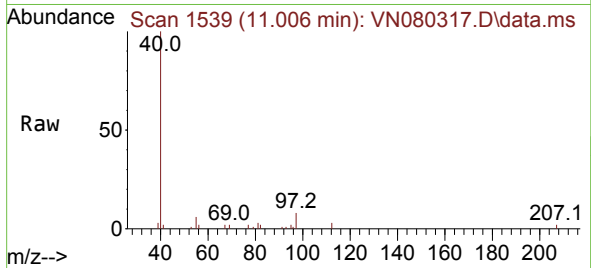
Tgt Ion: 98 Resp: 384577
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



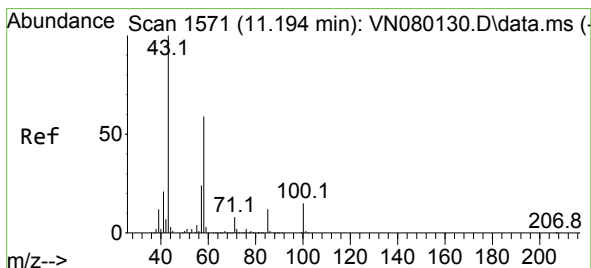
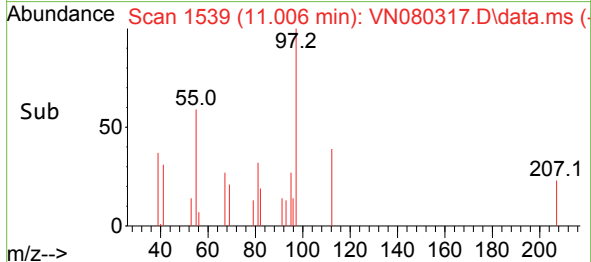
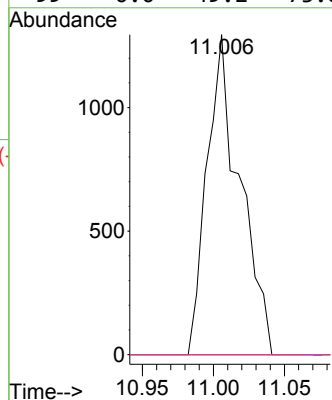


#55
1,1,2-Trichloroethane
Concen: 1.008 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.012 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :

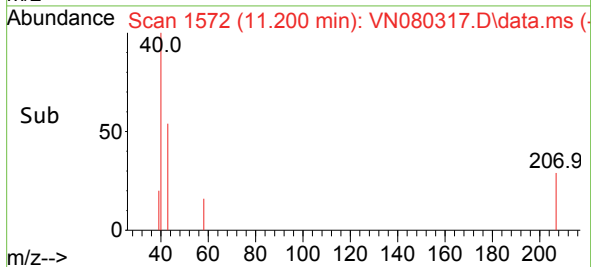
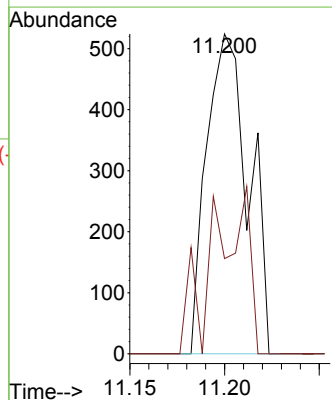
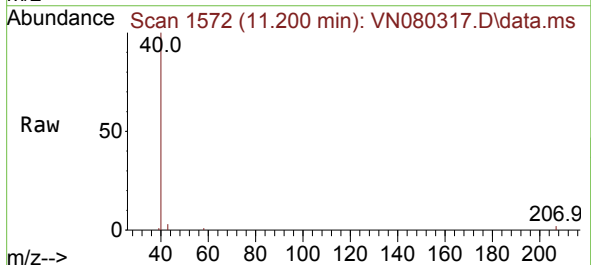


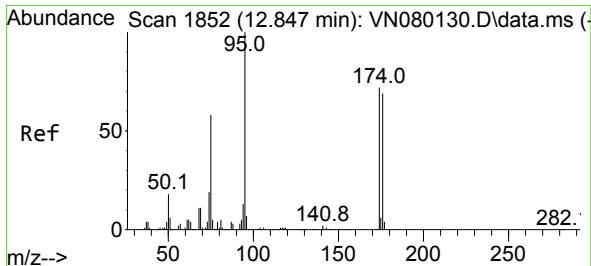
Tgt Ion: 97	Resp: 2083
Ion Ratio	Lower Upper
97 100	
83 0.0	65.1 97.7#
85 0.0	43.4 65.2#
99 0.0	49.2 73.8#



#59
2-Hexanone
Concen: 0.472 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Tgt Ion: 43	Resp: 806
Ion Ratio	Lower Upper
43 100	
58 44.9	31.7 95.1

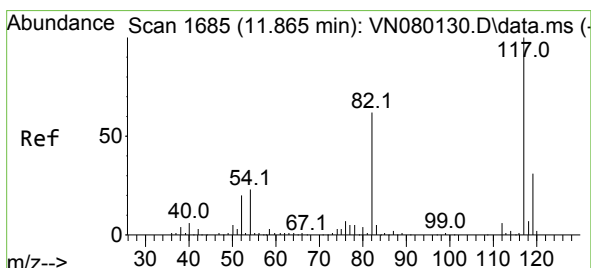
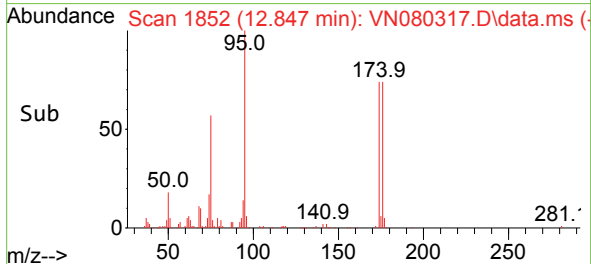
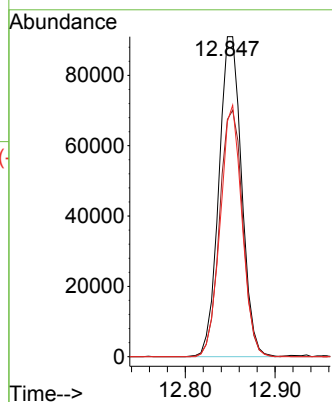
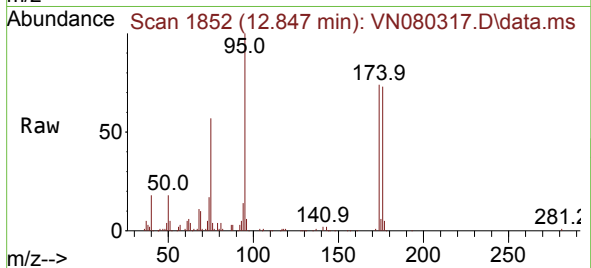




#62
4-Bromofluorobenzene
Concen: 56.014 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

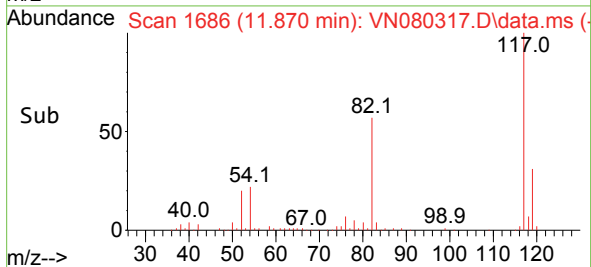
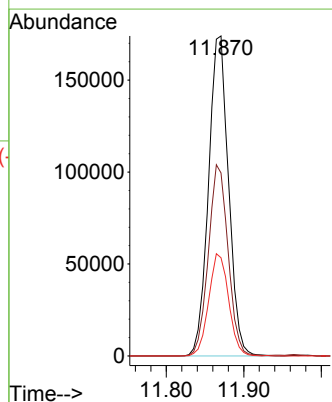
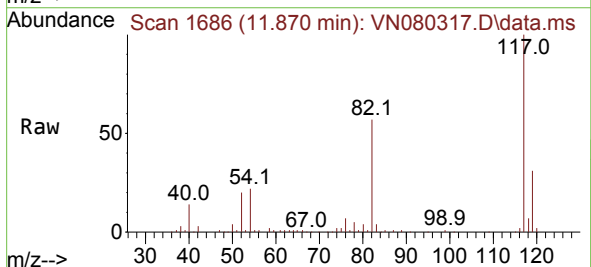
Instrument :
MSVOA_N
ClientSampleId :

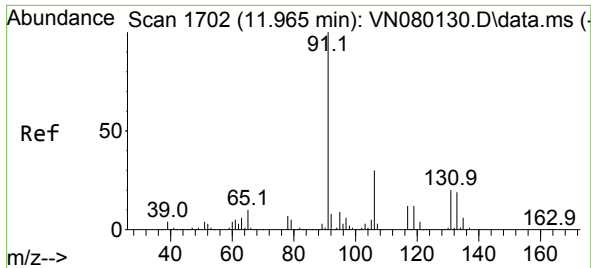
Tgt Ion: 95 Resp: 160357
Ion Ratio Lower Upper
95 100
174 78.1 0.0 143.8
176 75.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Tgt Ion: 117 Resp: 311773
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 30.7 25.6 38.4

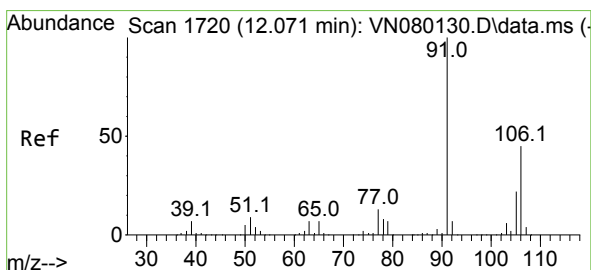
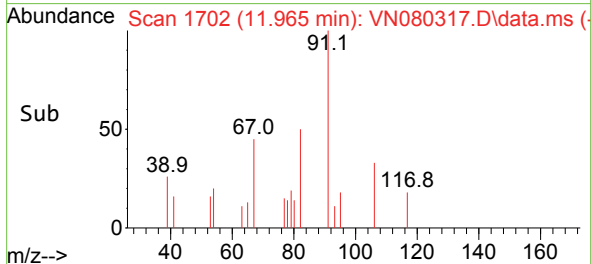
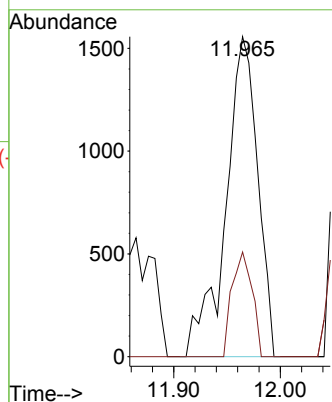
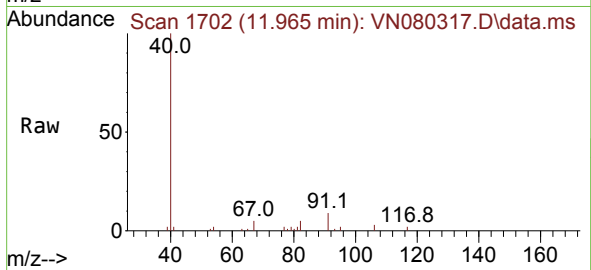




#67
Ethyl Benzene
Concen: 0.259 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

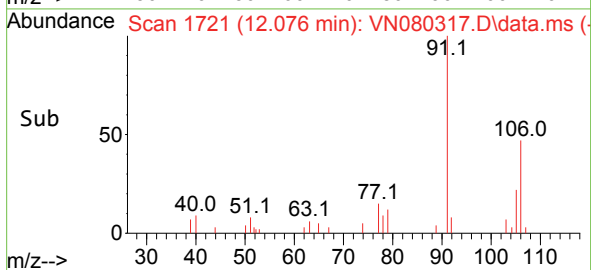
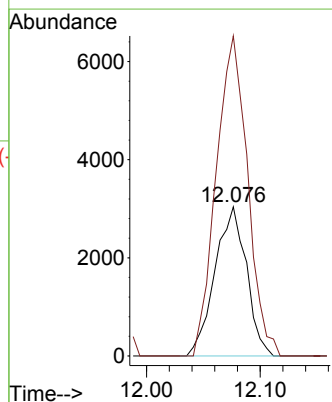
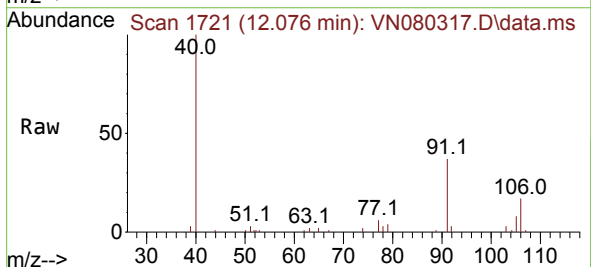
Instrument :
MSVOA_N
ClientSampleId :

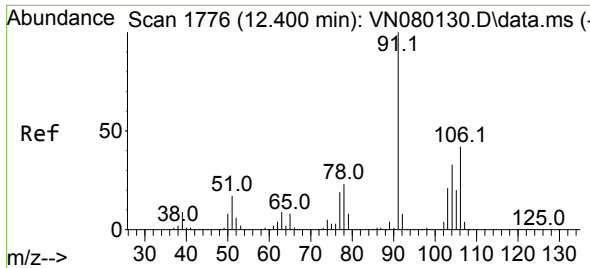
Tgt Ion: 91 Resp: 3256
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4



#68
m/p-Xylenes
Concen: 1.275 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Tgt Ion:106 Resp: 5844
Ion Ratio Lower Upper
106 100
91 214.6 159.6 239.4

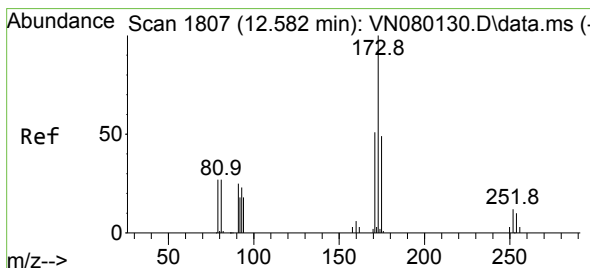
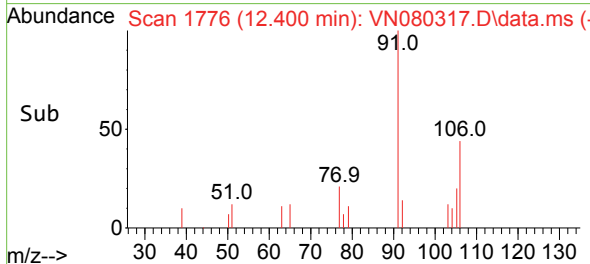
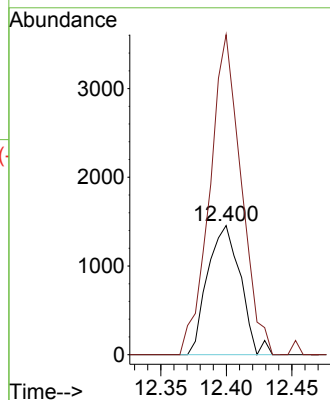
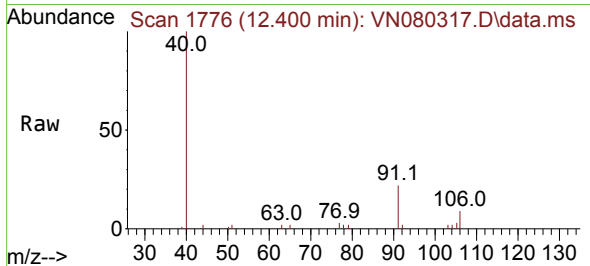




#69
o-Xylene
Concen: 0.588 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

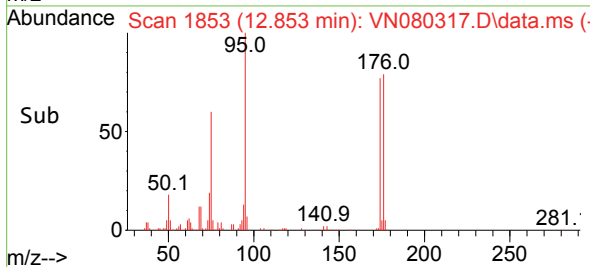
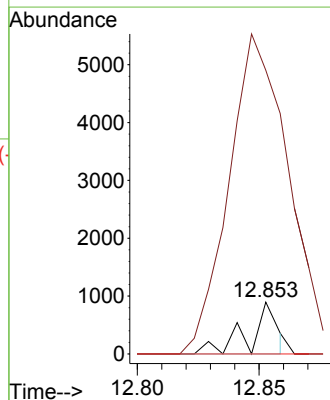
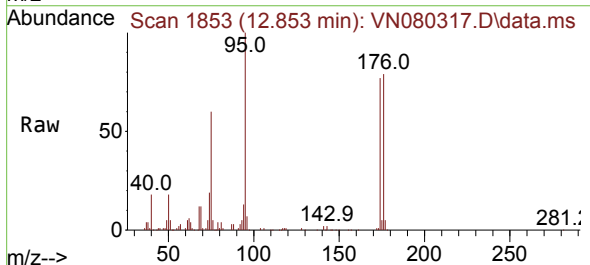
Instrument :
MSVOA_N
ClientSampleId :

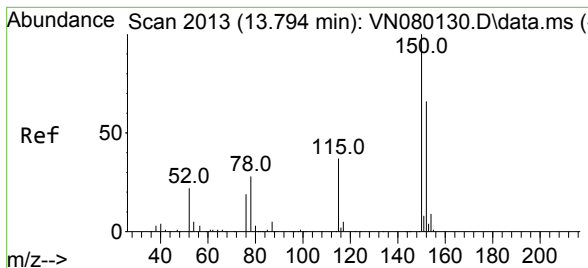
Tgt Ion:106 Resp: 2538
Ion Ratio Lower Upper
106 100
91 237.3 105.2 315.5



#71
Bromoform
Concen: 0.349 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.270 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

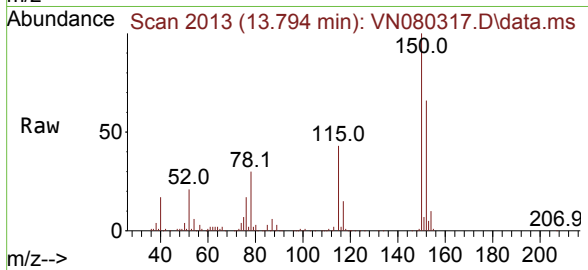
Tgt Ion:173 Resp: 710
Ion Ratio Lower Upper
173 100
175 1103.0 24.3 73.0#
254 0.0 0.0 0.0



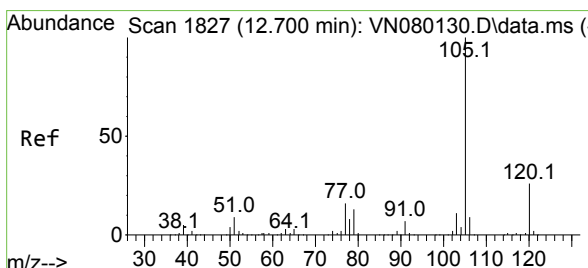
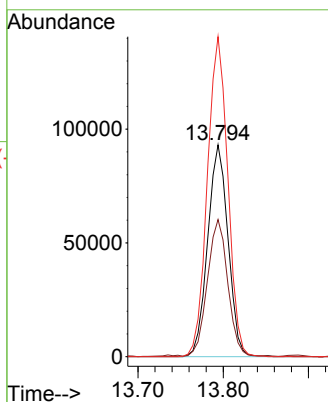
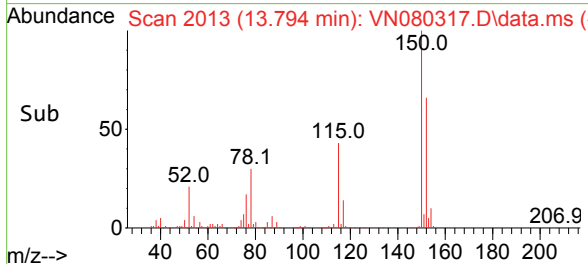


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

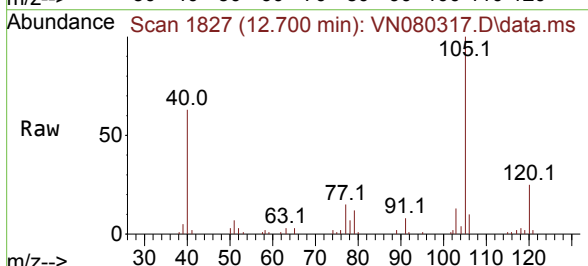
Instrument :
MSVOA_N
ClientSampleId :



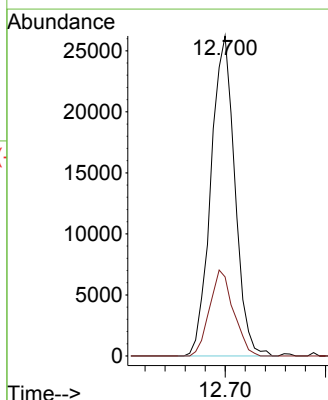
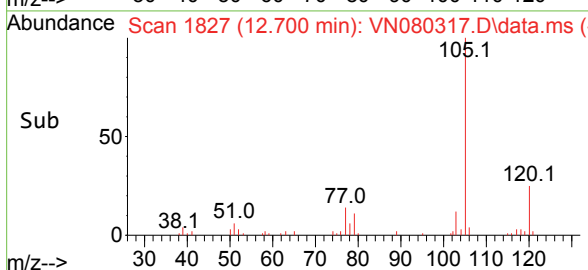
Tgt Ion:152 Resp: 154421
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 151.4 0.0 355.8

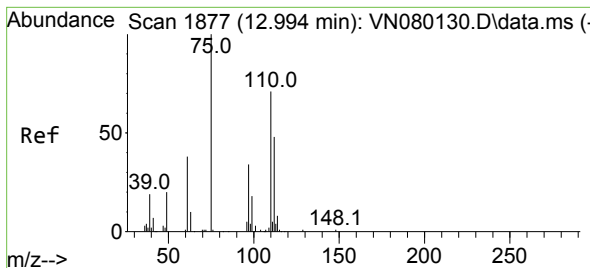


#73
Isopropylbenzene
Concen: 3.623 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12



Tgt Ion:105 Resp: 43470
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1





#76

1,2,3-Trichloropropane

Concen: 24.549 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080317.D

Acq: 01 Dec 2023 12:12

Instrument :

MSVOA_N

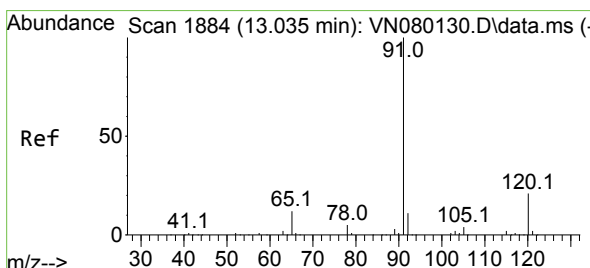
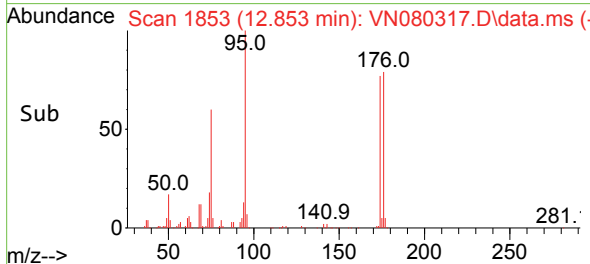
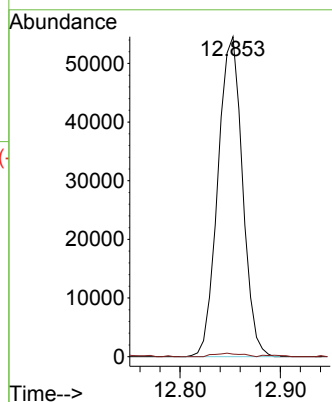
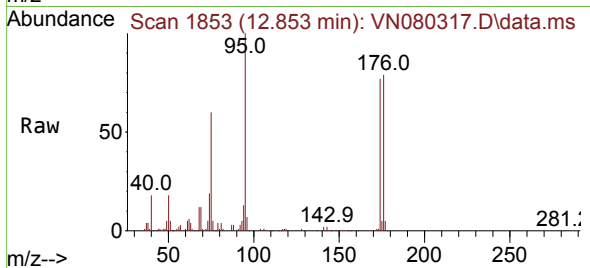
ClientSampleId :

Tgt Ion: 75 Resp: 92882

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#



#78

n-propylbenzene

Concen: 1.593 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN080317.D

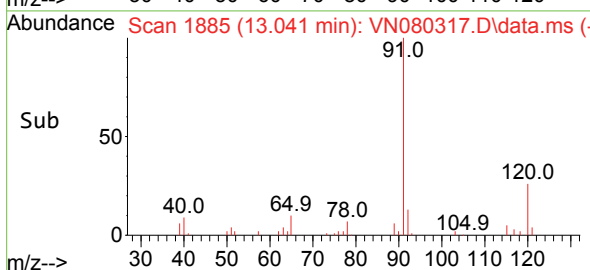
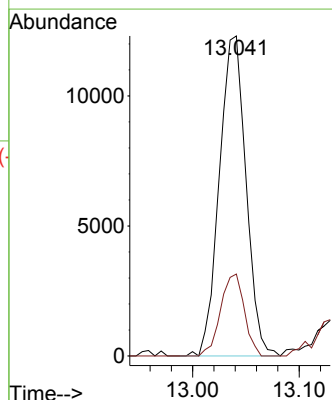
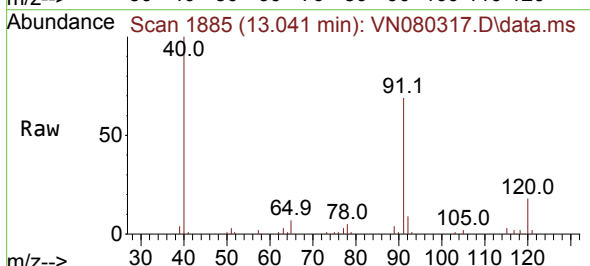
Acq: 01 Dec 2023 12:12

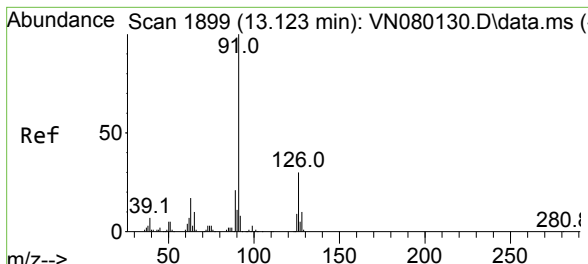
Tgt Ion: 91 Resp: 21372

Ion Ratio Lower Upper

91 100

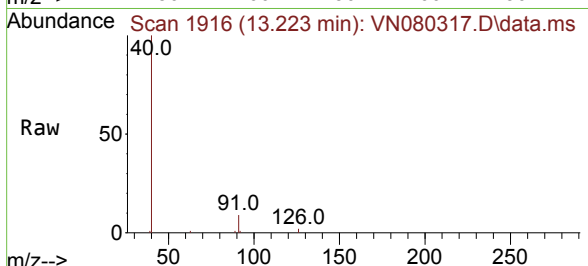
120 22.8 11.5 34.4



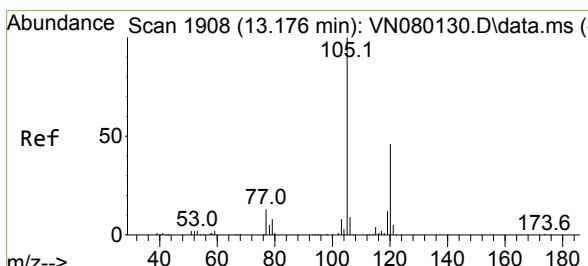
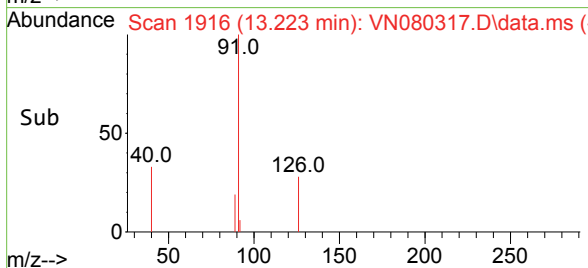
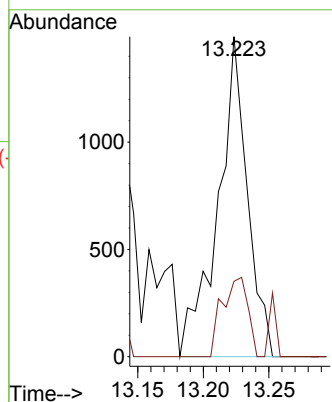


#79
2-Chlorotoluene
Concen: 0.267 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.100 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :

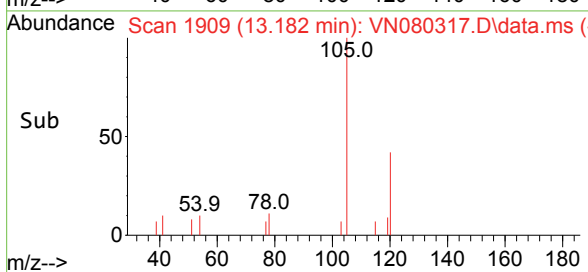
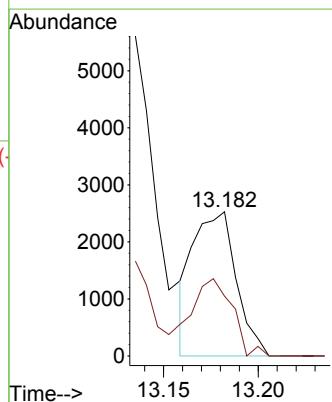
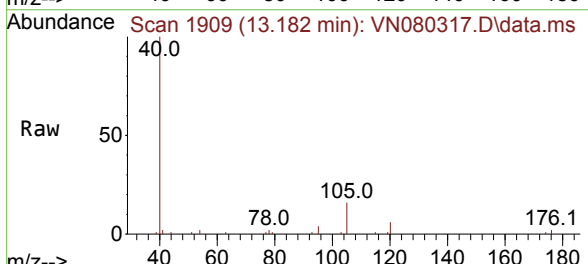


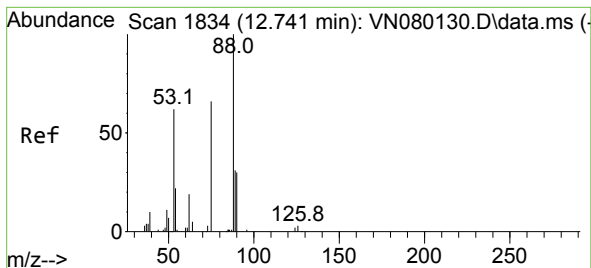
Tgt Ion: 91 Resp: 2326
Ion Ratio Lower Upper
91 100
126 21.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.385 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Tgt Ion: 105 Resp: 4018
Ion Ratio Lower Upper
105 100
120 51.7 24.1 72.3

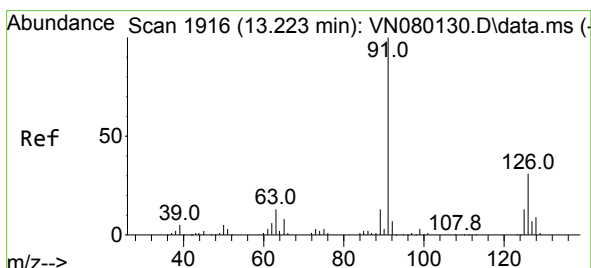
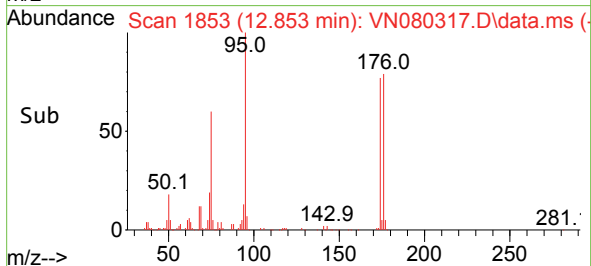
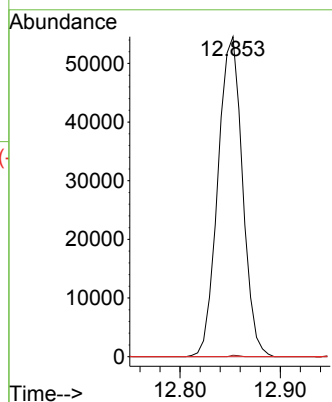
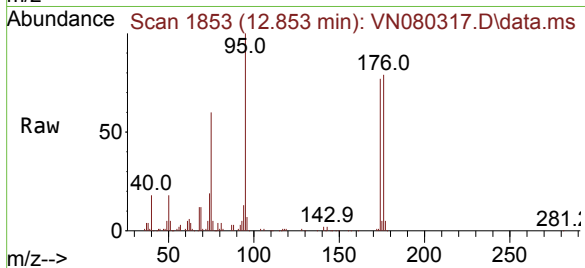




#81
trans-1,4-Dichloro-2-butene
Concen: 82.940 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

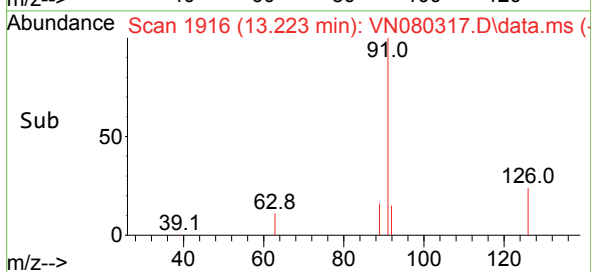
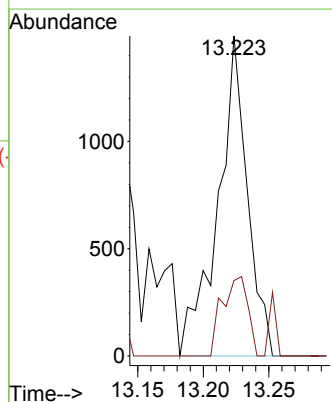
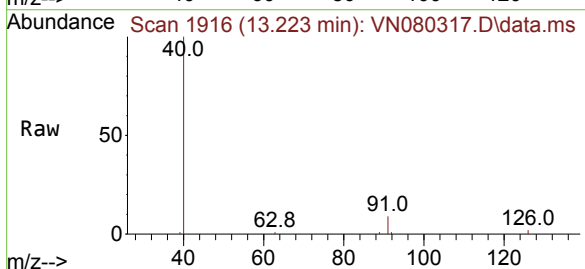
Instrument :
MSVOA_N
ClientSampleId :

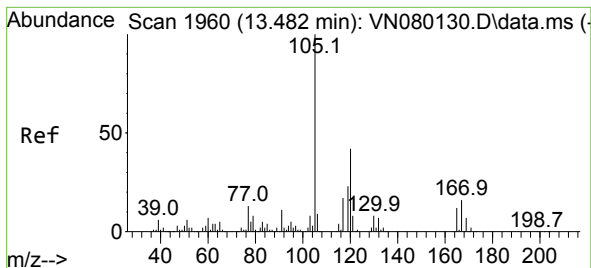
Tgt Ion: 75 Resp: 92882
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.261 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080317.D
Acq: 01 Dec 2023 12:12

Tgt Ion: 91 Resp: 2326
Ion Ratio Lower Upper
91 100
126 21.7 16.7 50.0





#84

1,2,4-Trimethylbenzene

Concen: 1.579 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080317.D

Acq: 01 Dec 2023 12:12

Instrument :

MSVOA_N

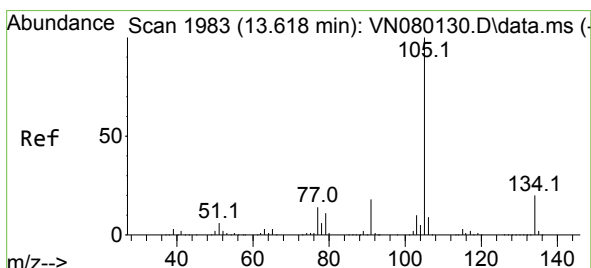
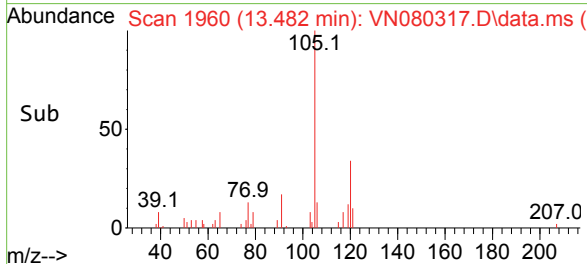
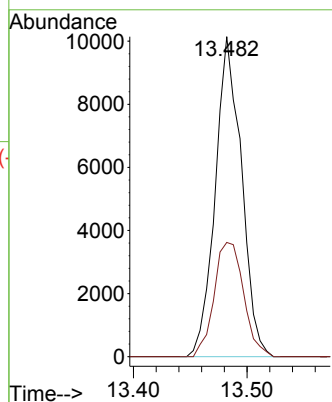
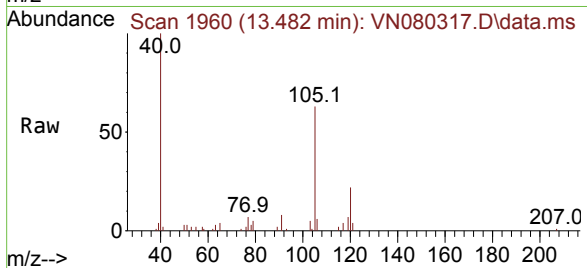
ClientSampleId :

Tgt Ion:105 Resp: 16242

Ion Ratio Lower Upper

105 100

120 40.2 22.0 66.0



#85

sec-Butylbenzene

Concen: 0.500 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080317.D

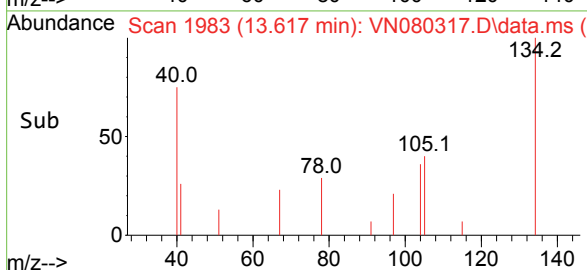
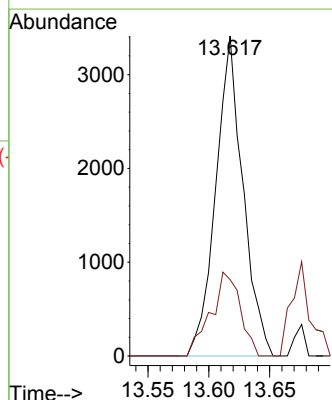
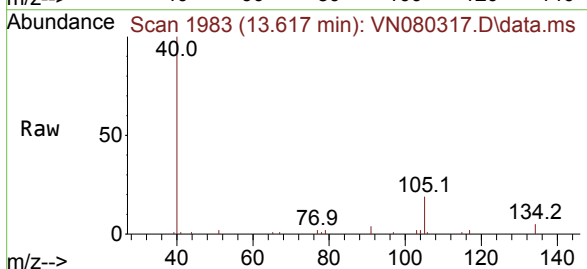
Acq: 01 Dec 2023 12:12

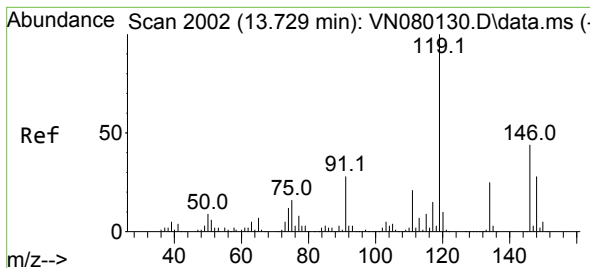
Tgt Ion:105 Resp: 5295

Ion Ratio Lower Upper

105 100

134 28.4 9.8 29.3





#86

p-Isopropyltoluene

Concen: 0.418 ug/l

RT: 13.670 min Scan# 1992

Delta R.T. -0.059 min

Lab File: VN080317.D

Acq: 01 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

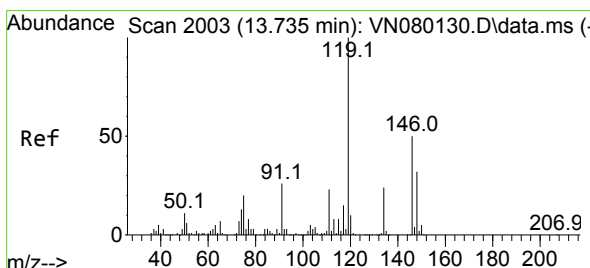
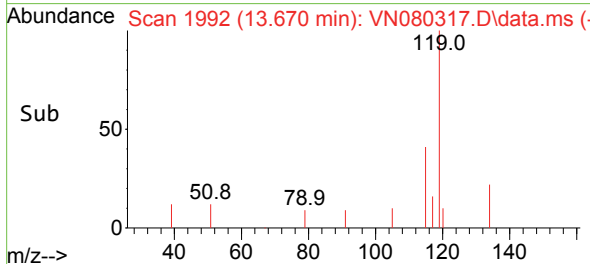
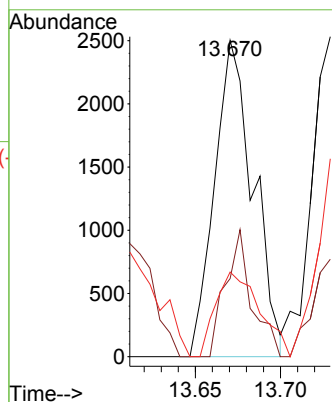
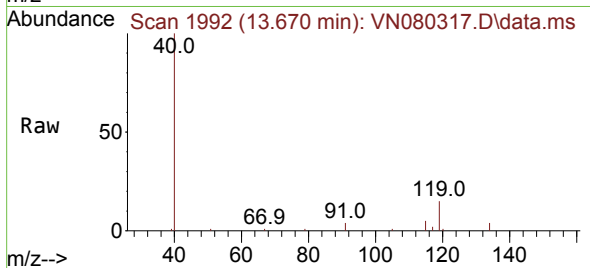
Tgt Ion:119 Resp: 3958

Ion Ratio Lower Upper

119 100

134 27.3 12.6 37.8

91 30.4 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 0.273 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN080317.D

Acq: 01 Dec 2023 12:12

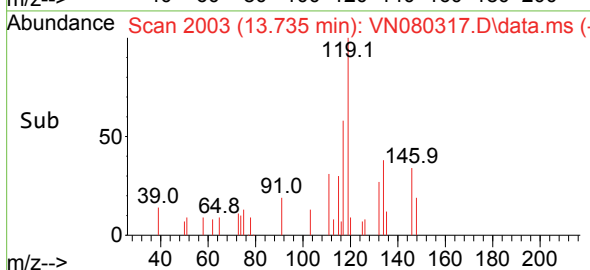
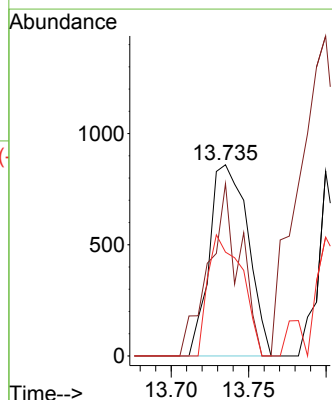
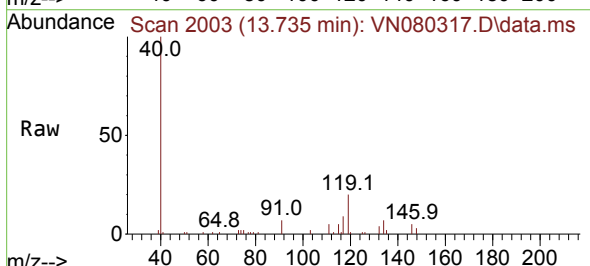
Tgt Ion:146 Resp: 1486

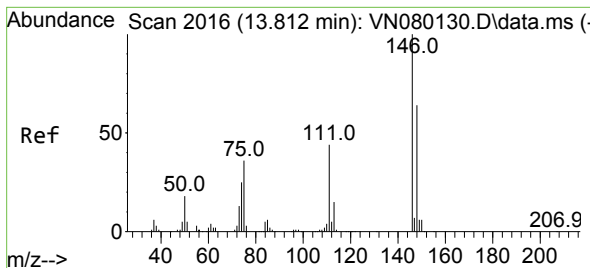
Ion Ratio Lower Upper

146 100

111 73.1 22.1 66.3#

148 55.9 32.0 96.0





#88

1,4-Dichlorobenzene

Concen: 0.384 ug/l

RT: 13.823 min Scan# 2016

Delta R.T. 0.012 min

Lab File: VN080317.D

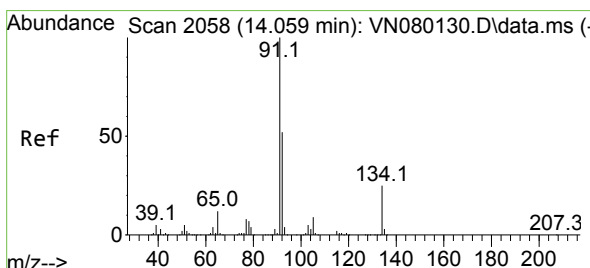
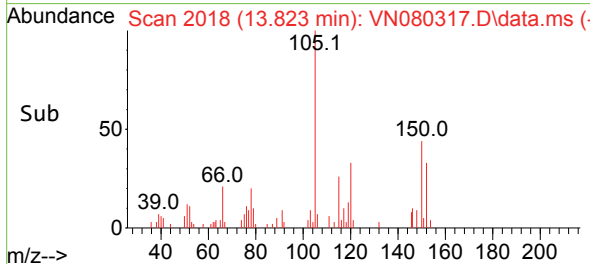
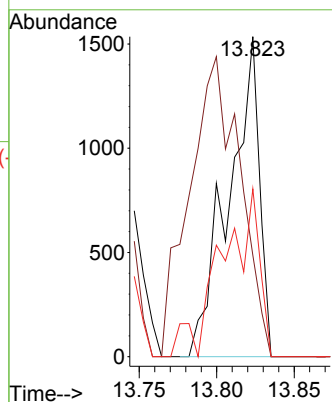
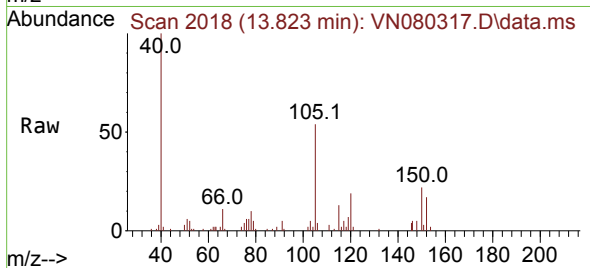
Acq: 01 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	2102
Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.6	61.8#
148	64.5	31.6	94.8



#89

n-Butylbenzene

Concen: 0.409 ug/l

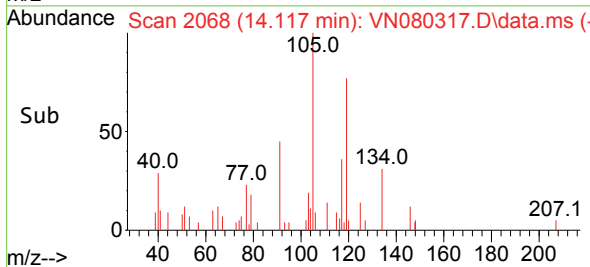
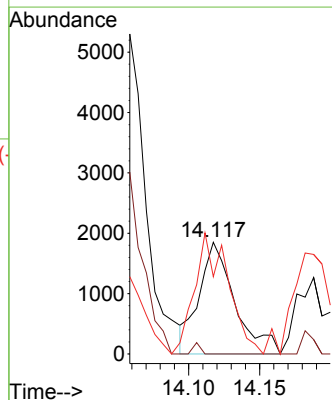
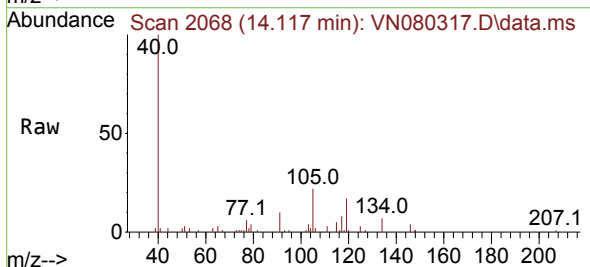
RT: 14.117 min Scan# 2068

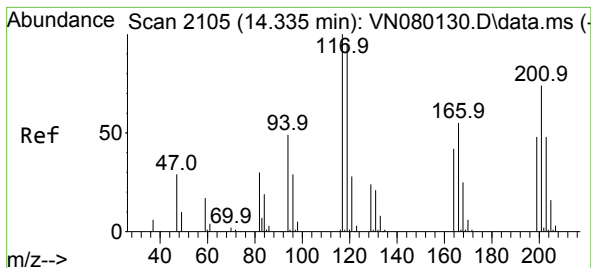
Delta R.T. 0.059 min

Lab File: VN080317.D

Acq: 01 Dec 2023 12:12

Tgt Ion:	91	Resp:	3237
Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.4	79.0#
134	101.4	12.6	37.6#





#90

Hexachloroethane

Concen: 5.892 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN080317.D

Acq: 01 Dec 2023 12:12

Instrument :

MSVOA_N

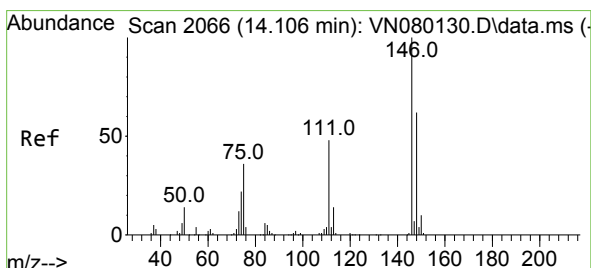
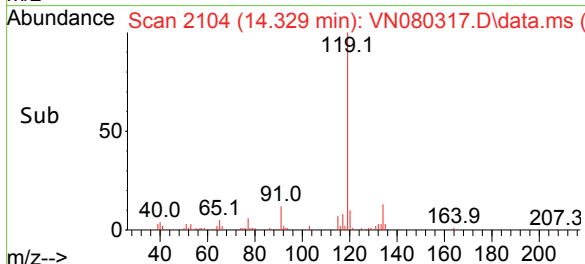
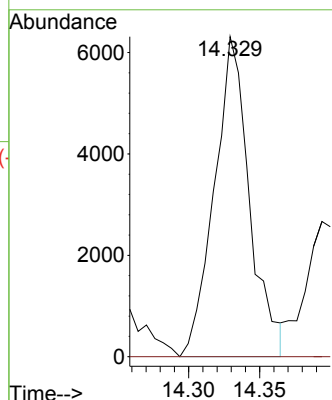
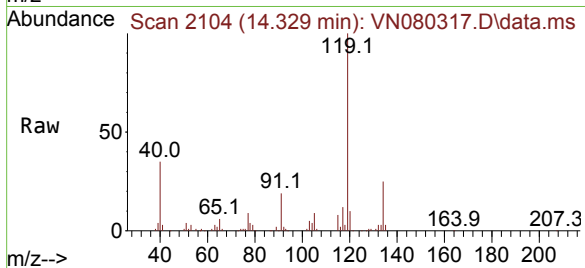
ClientSampleId :

Tgt Ion:117 Resp: 10873

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#91

1,2-Dichlorobenzene

Concen: 0.278 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VN080317.D

Acq: 01 Dec 2023 12:12

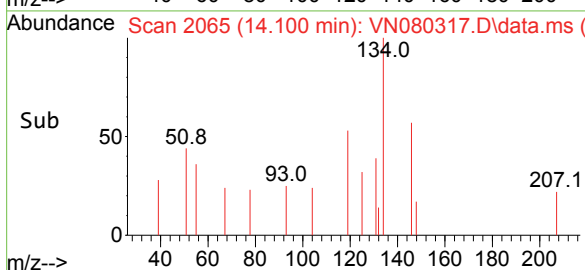
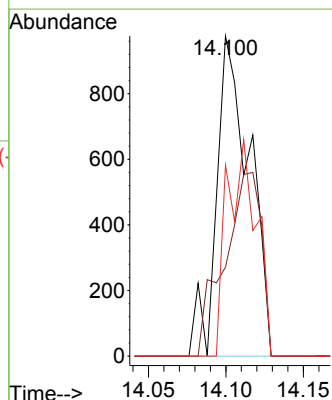
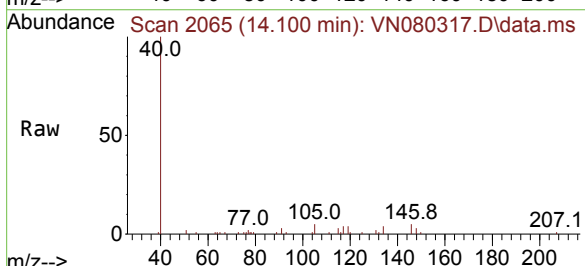
Tgt Ion:146 Resp: 1448

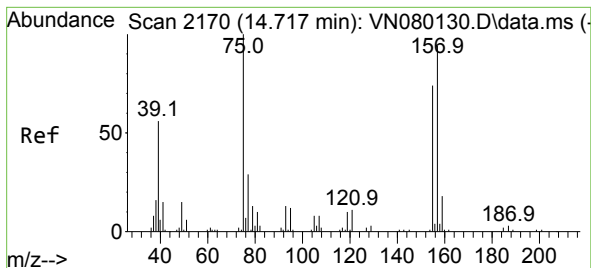
Ion Ratio Lower Upper

146 100

111 64.3 22.0 66.0

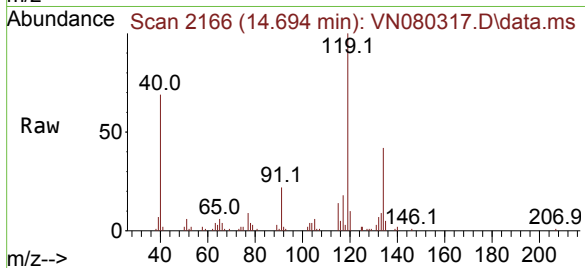
148 59.9 31.8 95.3



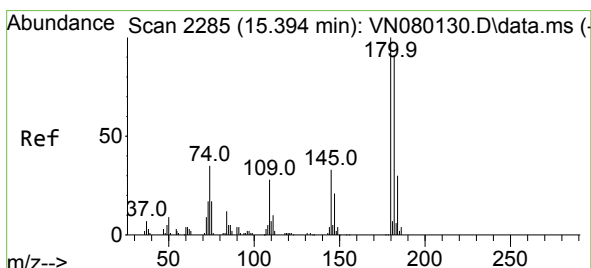
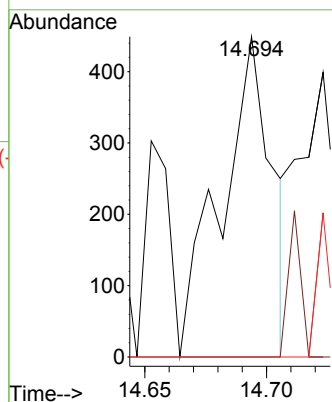
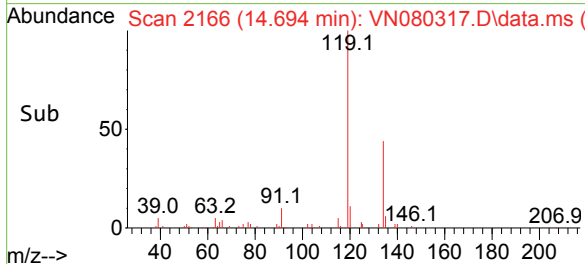


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.780 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.024 min
 Lab File: VN080317.D
 Acq: 01 Dec 2023 12:12

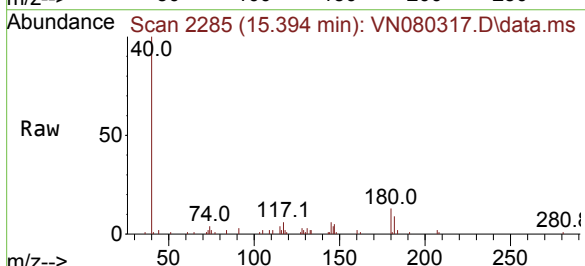
Instrument :
 MSVOA_N
 ClientSampleId :



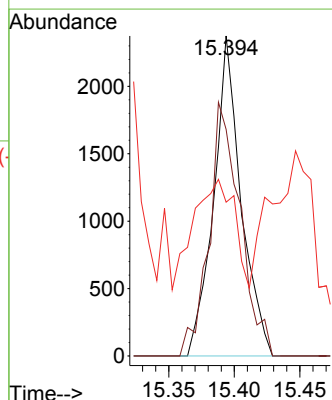
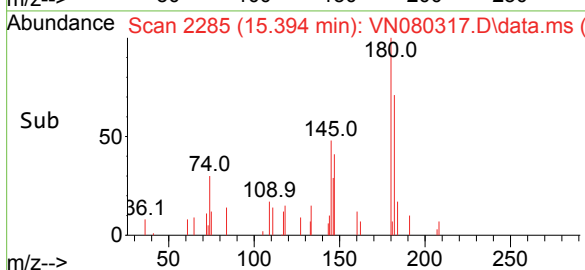
Tgt Ion: 75 Resp: 651
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.1 117.2#
 157 0.0 50.3 150.9#

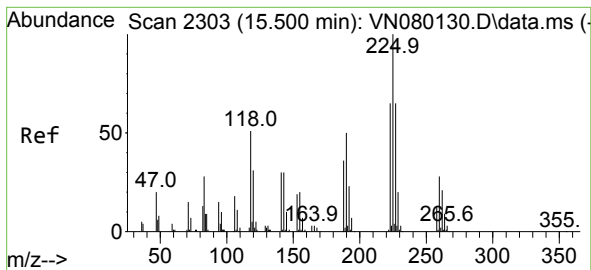


#93
 1,2,4-Trichlorobenzene
 Concen: 1.130 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: VN080317.D
 Acq: 01 Dec 2023 12:12



Tgt Ion: 180 Resp: 3427
 Ion Ratio Lower Upper
 180 100
 182 90.5 46.1 138.2
 145 82.4 16.6 49.8#





#94

Hexachlorobutadiene

Concen: 0.982 ug/l

RT: 15.506 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080317.D

Acq: 01 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

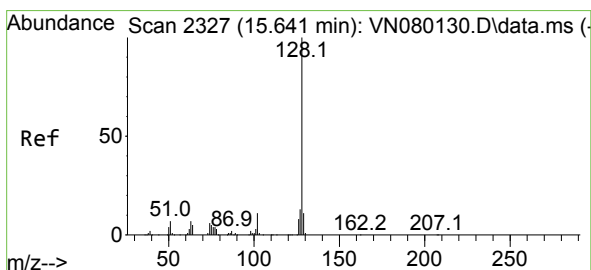
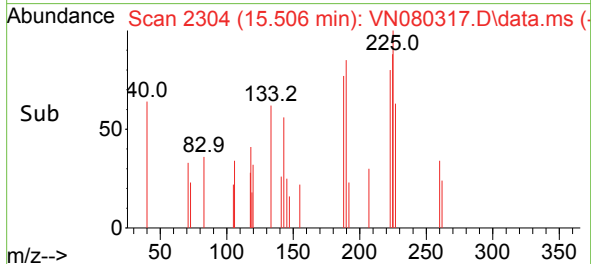
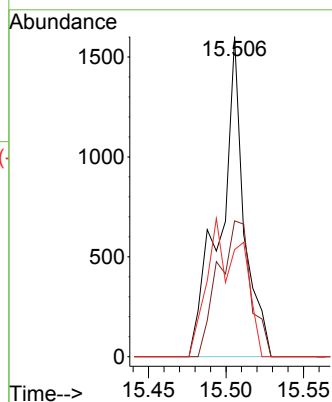
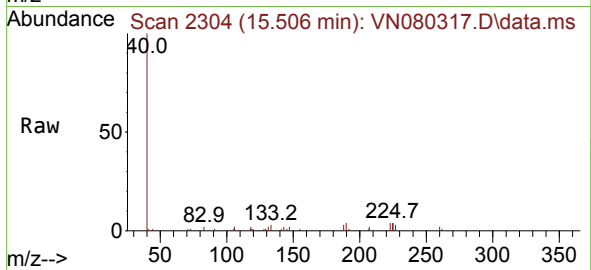
Tgt Ion:225 Resp: 1715

Ion Ratio Lower Upper

225 100

223 58.0 31.3 93.8

227 61.7 31.9 95.9



#95

Naphthalene

Concen: 7.851 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080317.D

Acq: 01 Dec 2023 12:12

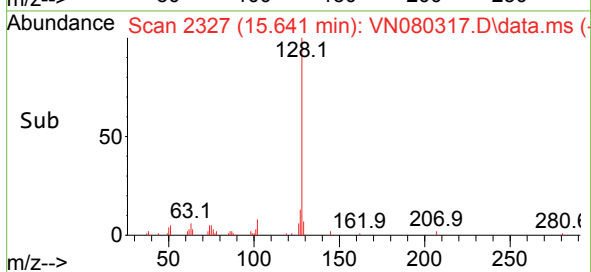
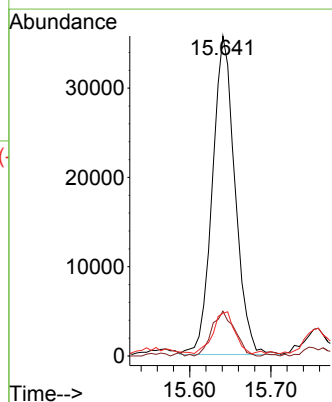
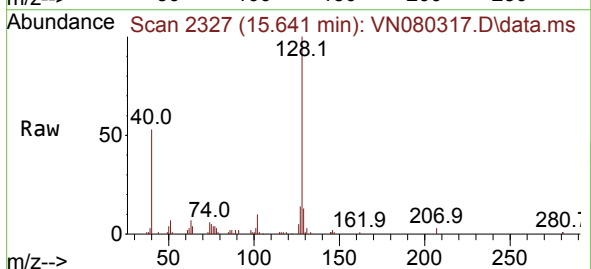
Tgt Ion:128 Resp: 69070

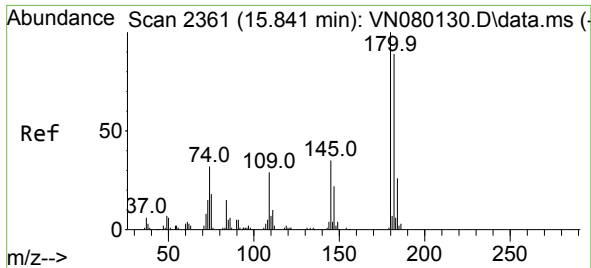
Ion Ratio Lower Upper

128 100

127 14.2 10.0 15.0

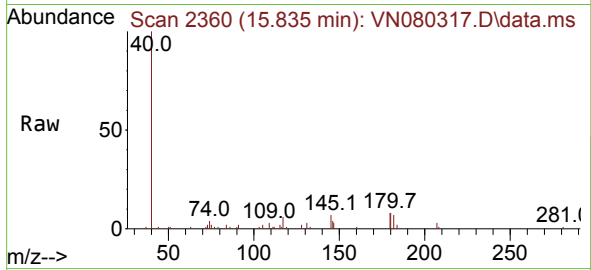
129 12.5 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.560 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN080317.D
 Acq: 01 Dec 2023 12:12

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	4436
Ion Ratio	Lower	Upper	
180	100		
182	79.0	46.2	138.6
145	45.0	17.5	52.6

