

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071804.D
 Acq On : 02 Apr 2022 17:45
 Operator : JC\MD
 Sample : N2061-01ME 10X
 Misc : 3.93g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW-1-20220321-16.0-17.0ME

Quant Time: Apr 04 01:08:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

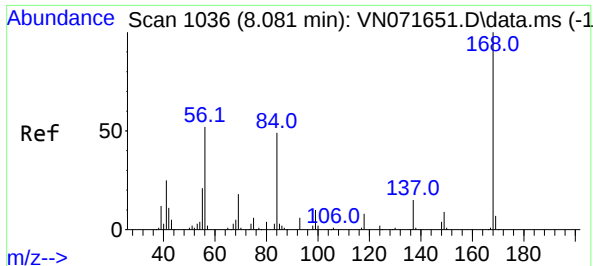
Internal Standards						
1) Pentafluorobenzene	8.081	168	648539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1095850	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1158052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	497654	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	364155	49.18	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.36%		
35) Dibromofluoromethane	8.016	113	300382	46.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.16%		
50) Toluene-d8	10.439	98	1398234	53.01	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.02%		
62) 4-Bromofluorobenzene	12.727	95	536310	62.86	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	125.72%		
Target Compounds						
						Qvalue
40) Benzene	8.457	78	305212	10.73	ug/l	98
65) Chlorobenzene	11.763	112	269485	11.62	ug/l	99
67) Ethyl Benzene	11.839	91	2362943	60.20	ug/l	99
68) m/p-Xylenes	11.945	106	162345	10.76	ug/l	98
69) o-Xylene	12.274	106	216273	14.45	ug/l	100
73) Isopropylbenzene	12.574	105	597095	14.24	ug/l	100
78) n-propylbenzene	12.915	91	407048	9.23	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	548753	16.52	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	2117139	65.31	ug/l	100
86) p-Isopropyltoluene	13.610	119	196170	6.25	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	109365	6.53	ug/l	94
88) 1,4-Dichlorobenzene	13.692	146	235707	14.43	ug/l	97

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

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Chromatogram plot showing Abundance vs Time (min). The y-axis ranges from 0 to 3.6e+07. The x-axis ranges from 2.00 to 16.00. Numerous peaks are labeled with chemical names and their corresponding retention times.

Retention Time (min)	Chemical Name
8.02	Diphenylmethane, S
8.22	Benzene, S
8.42	1,2-Dichloroethane-d4, S
8.99	1,4-Difluorobenzene, I
10.44	Toluene-d8, S
11.77	Chlorobenzene, S
11.81	m,p-Xylenes, T
11.85	1,2,4-Trichlorobenzene, C
11.90	1,2,4-Trichlorobenzene, S
12.05	o-Xylene, T
12.44	Isopropylbenzene, T
12.54	4-Bromofluorobenzene, S
12.64	n-Propylbenzene, T
12.74	1,3,5-Trimethylbenzene, T
13.24	1,2,4-Trimethylbenzene, T
13.44	p-Xylene, T
13.54	1,2,4-Trichlorobenzene, I
13.64	1,2,4-Trichlorobenzene, S
13.74	1,2,4-Trichlorobenzene, T
13.84	1,2,4-Trichlorobenzene, I
13.94	1,2,4-Trichlorobenzene, S
14.04	1,2,4-Trichlorobenzene, T
14.14	1,2,4-Trichlorobenzene, I
14.24	1,2,4-Trichlorobenzene, S
14.34	1,2,4-Trichlorobenzene, T
14.44	1,2,4-Trichlorobenzene, I
14.54	1,2,4-Trichlorobenzene, S
14.64	1,2,4-Trichlorobenzene, T
14.74	1,2,4-Trichlorobenzene, I
14.84	1,2,4-Trichlorobenzene, S
14.94	1,2,4-Trichlorobenzene, T
15.04	1,2,4-Trichlorobenzene, I
15.14	1,2,4-Trichlorobenzene, S
15.24	1,2,4-Trichlorobenzene, T
15.34	1,2,4-Trichlorobenzene, I
15.44	1,2,4-Trichlorobenzene, S
15.54	1,2,4-Trichlorobenzene, T
15.64	1,2,4-Trichlorobenzene, I
15.74	1,2,4-Trichlorobenzene, S
15.84	1,2,4-Trichlorobenzene, T
15.94	1,2,4-Trichlorobenzene, I
16.04	1,2,4-Trichlorobenzene, S



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

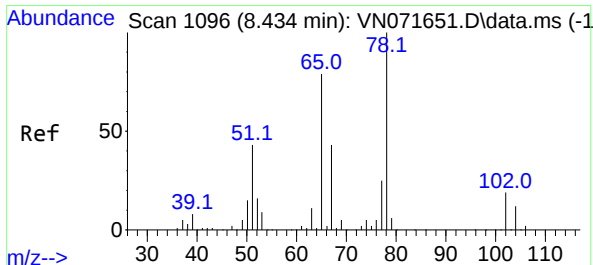
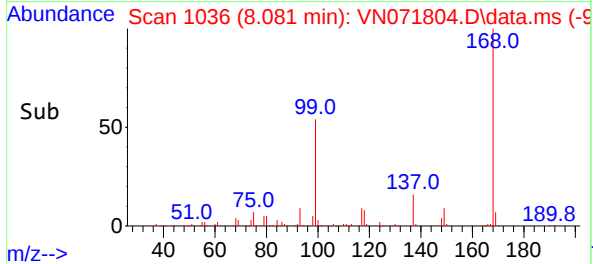
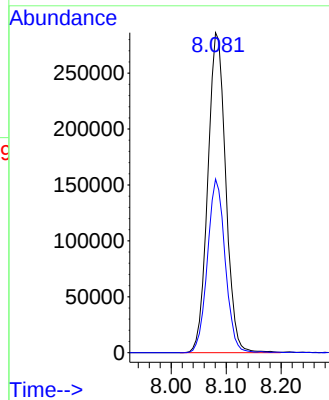
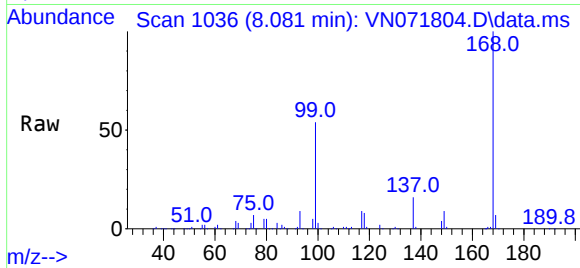
RW-1-20220321-16.0-17.0ME

Tgt Ion:168 Resp: 648539

Ion Ratio Lower Upper

168 100

99 54.3 42.3 63.5



#33

1,2-Dichloroethane-d4

Concen: 49.18 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071804.D

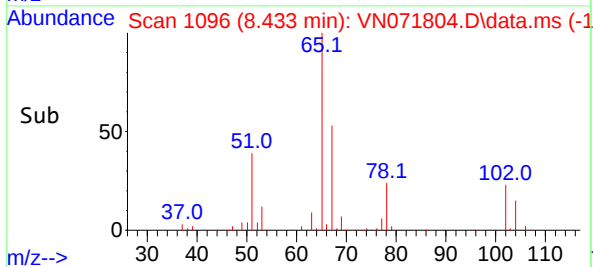
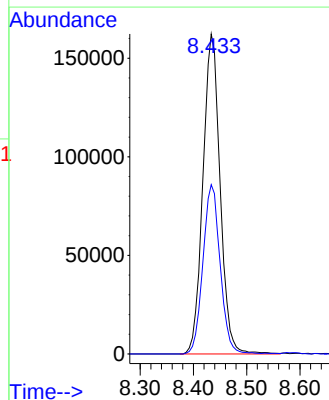
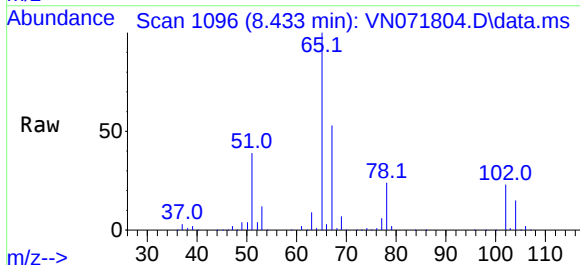
Acq: 02 Apr 2022 17:45

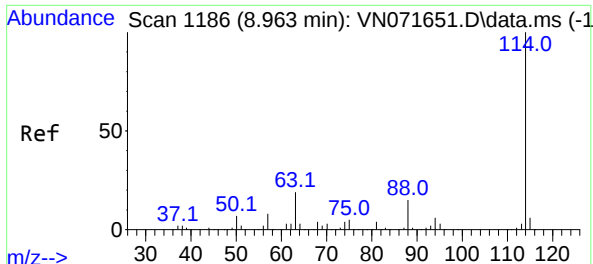
Tgt Ion: 65 Resp: 364155

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.8

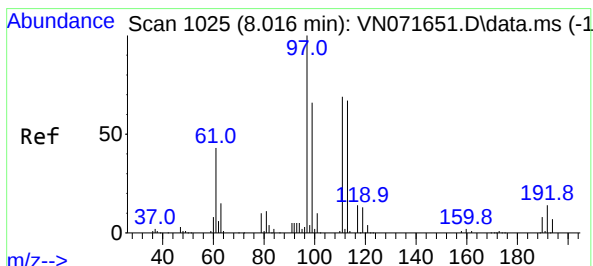
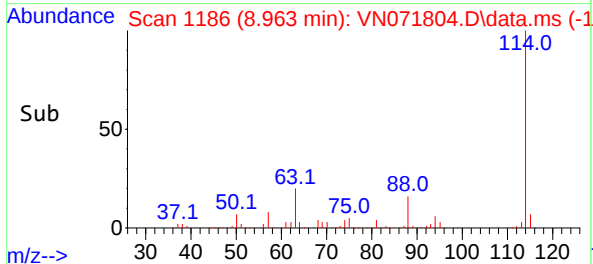
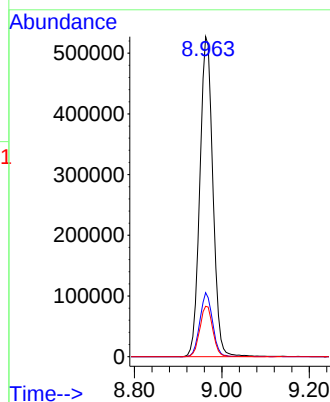
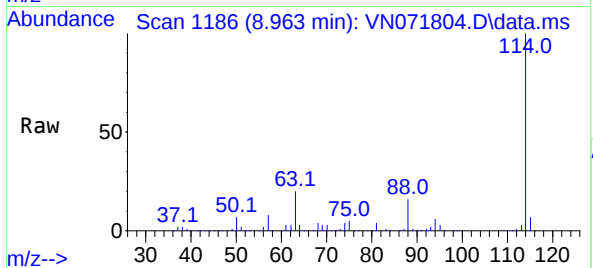




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071804.D
Acq: 02 Apr 2022 17:45

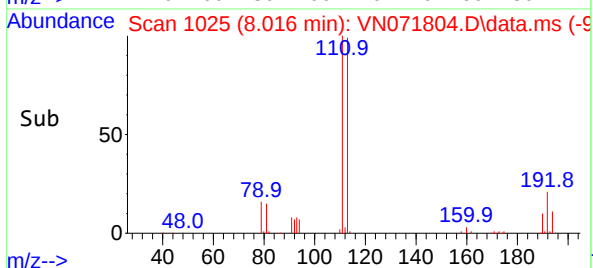
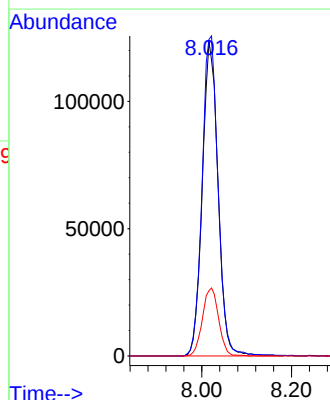
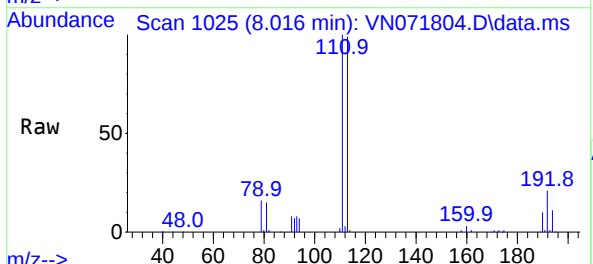
Instrument :
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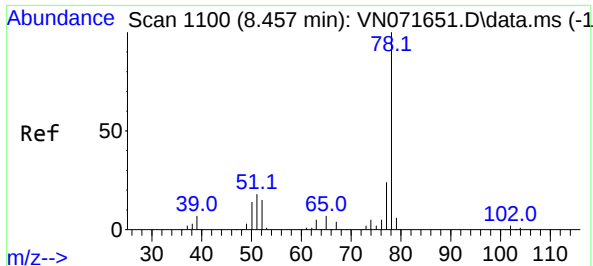
Tgt Ion:114 Resp: 1095850
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.0
88 15.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.58 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071804.D
Acq: 02 Apr 2022 17:45

Tgt Ion:113 Resp: 300382
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 22.2 17.0 25.6

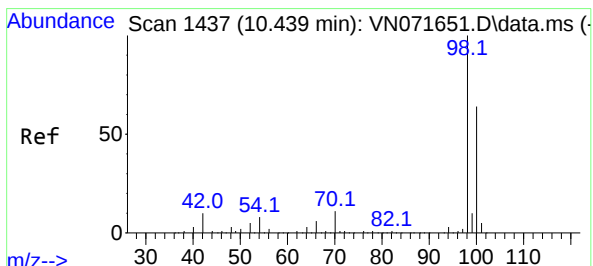
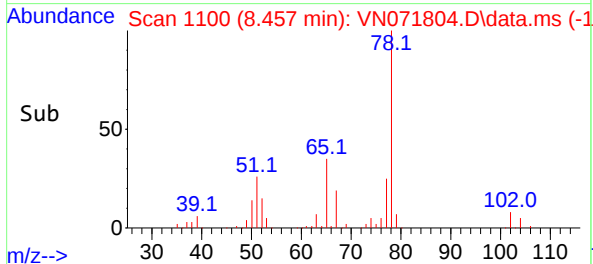
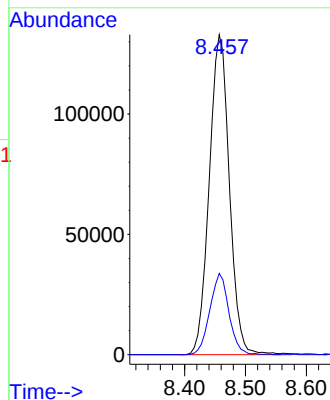
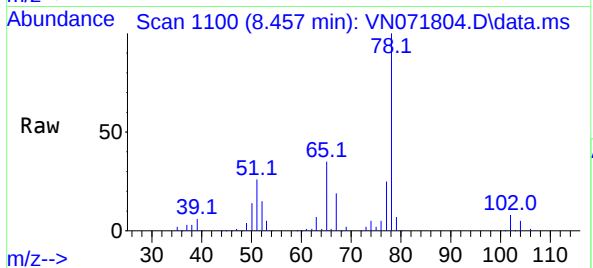




#40
Benzene
Concen: 10.73 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071804.D
Acq: 02 Apr 2022 17:45

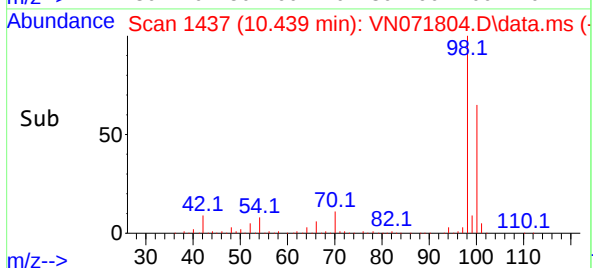
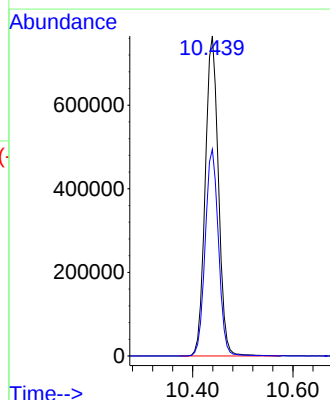
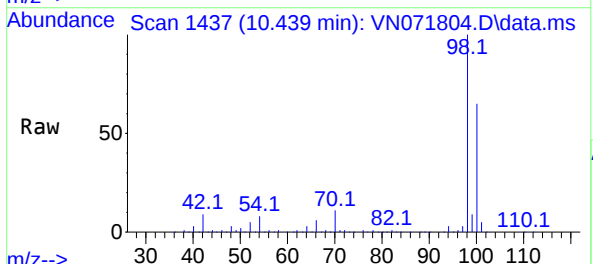
Instrument :
MSVOA_N
ClientSampleId :
RW-1-20220321-16.0-17.0ME

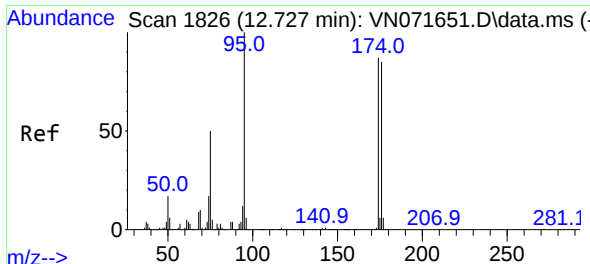
Tgt Ion: 78 Resp: 305212
Ion Ratio Lower Upper
78 100
77 25.4 19.4 29.0



#50
Toluene-d8
Concen: 53.01 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071804.D
Acq: 02 Apr 2022 17:45

Tgt Ion: 98 Resp: 1398234
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

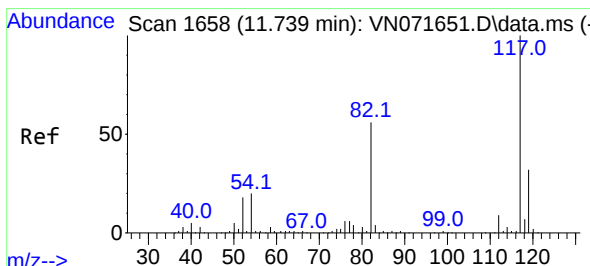
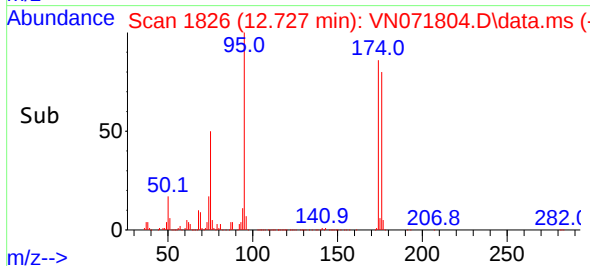
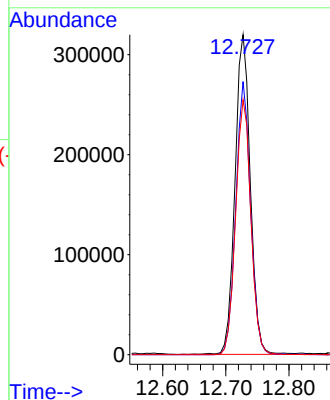
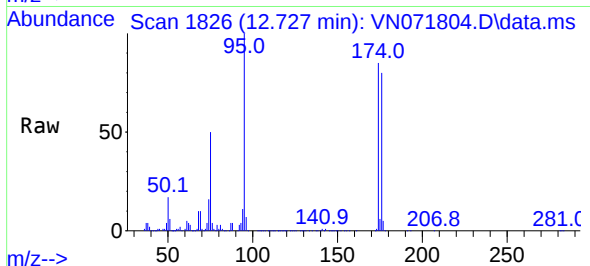




#62
4-Bromofluorobenzene
Concen: 62.86 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071804.D
Acq: 02 Apr 2022 17:45

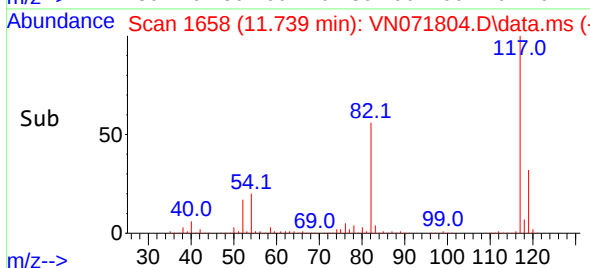
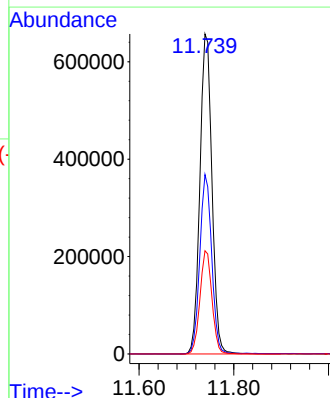
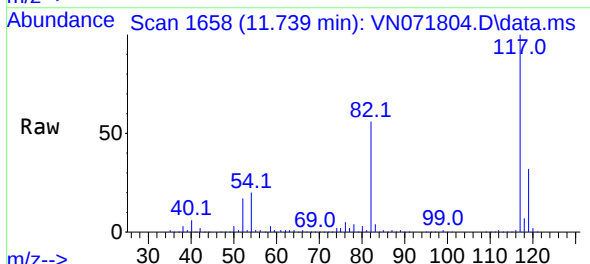
Instrument :
MSVOA_N
ClientSampleId :
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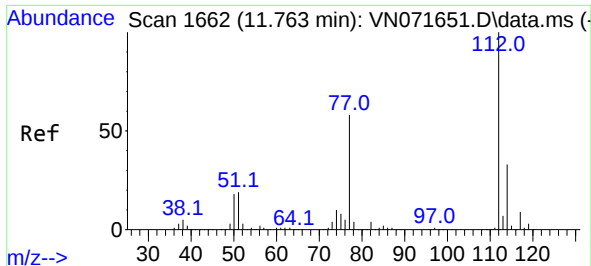
Tgt Ion: 95 Resp: 536310
Ion Ratio Lower Upper
95 100
174 82.8 0.0 167.6
176 79.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071804.D
Acq: 02 Apr 2022 17:45

Tgt Ion: 117 Resp: 1158052
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 32.3 25.4 38.0

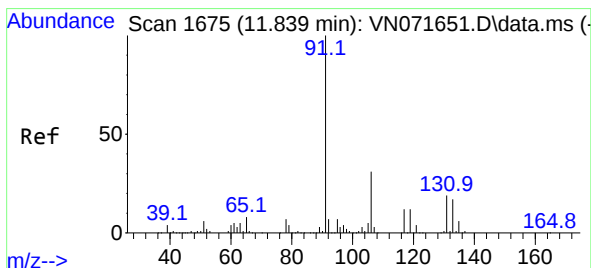
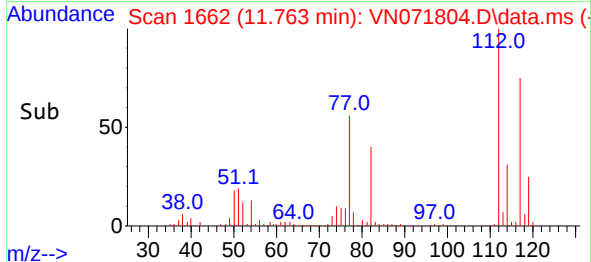
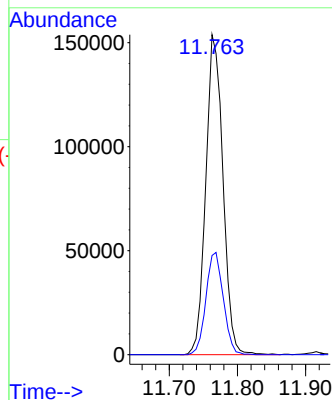
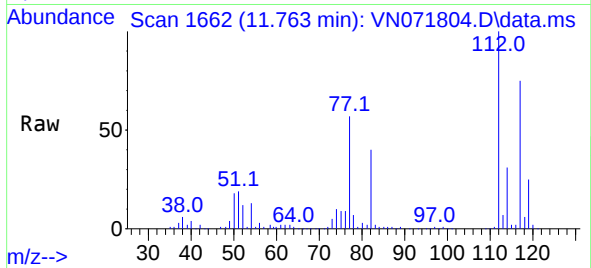




#65
Chlorobenzene
Concen: 11.62 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071804.D
Acq: 02 Apr 2022 17:45

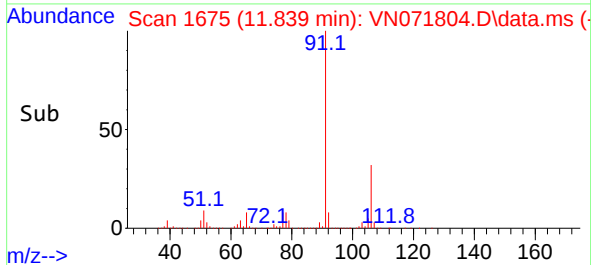
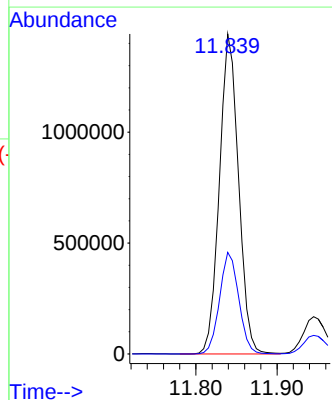
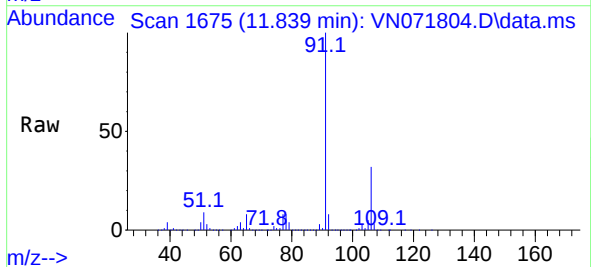
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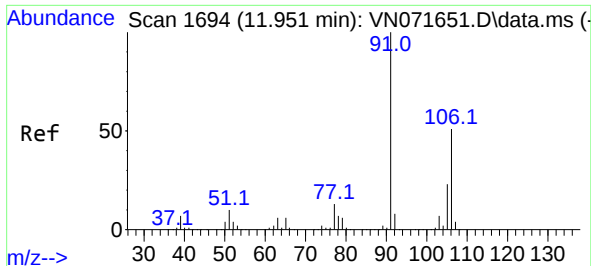
Tgt Ion:112 Resp: 269485
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2



#67
Ethyl Benzene
Concen: 60.20 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071804.D
Acq: 02 Apr 2022 17:45

Tgt Ion: 91 Resp: 2362943
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

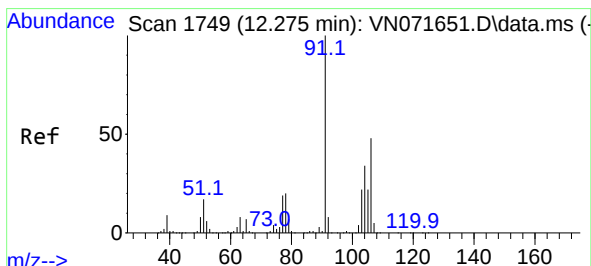
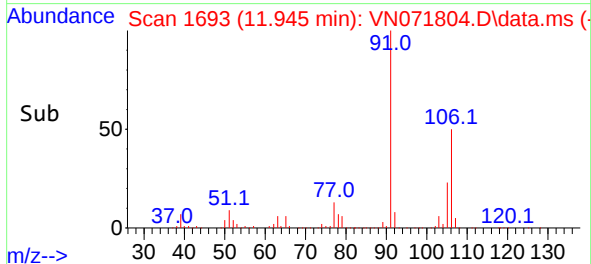
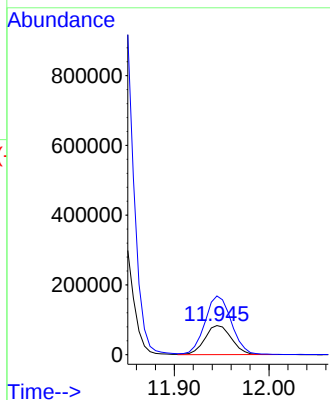
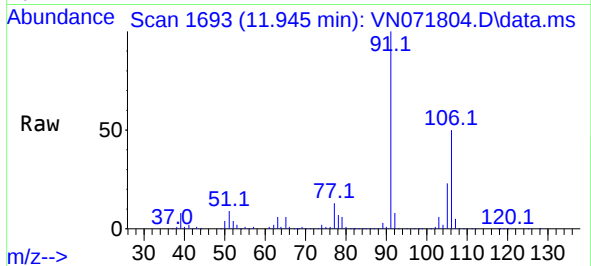




#68
m/p-Xylenes
Concen: 10.76 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071804.D
Acq: 02 Apr 2022 17:45

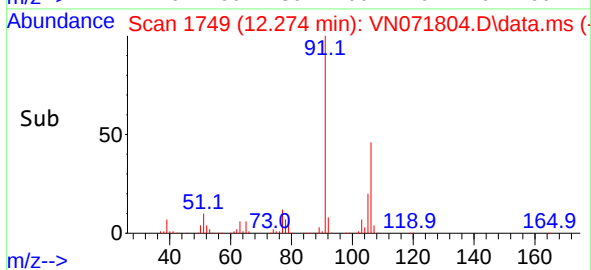
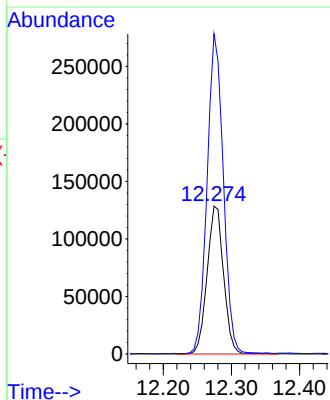
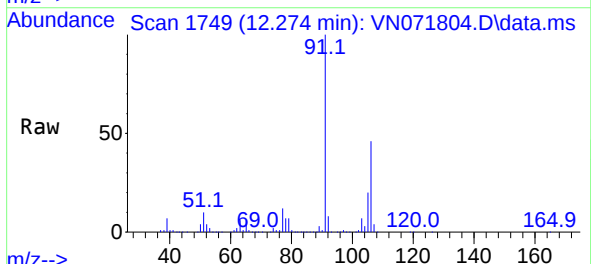
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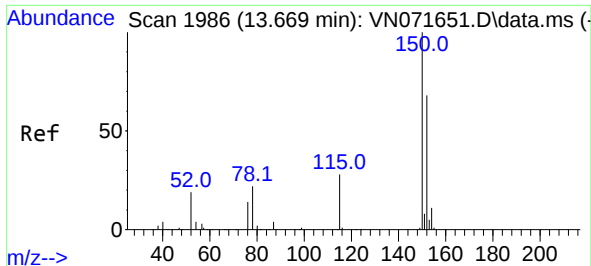
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Ion Ratio Lower Upper
106 100
91 201.3 158.9 238.3



#69
o-Xylene
Concen: 14.45 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071804.D
Acq: 02 Apr 2022 17:45

Tgt Ion:106 Resp: 216273
Ion Ratio Lower Upper
106 100
91 212.6 106.0 318.0

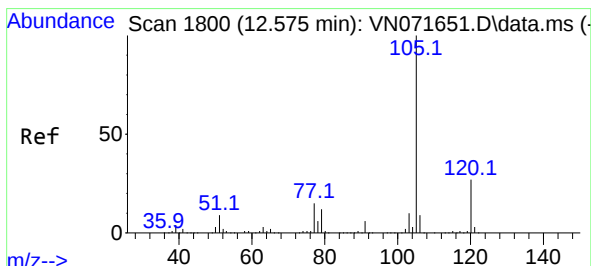
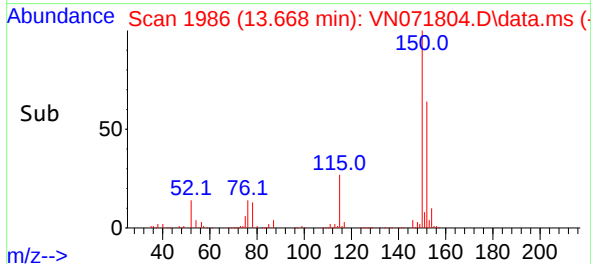
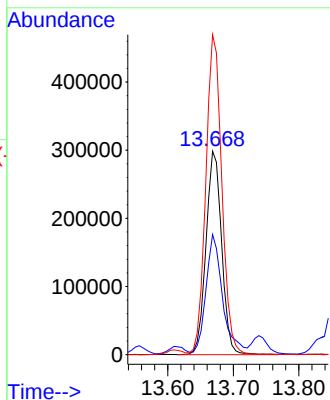
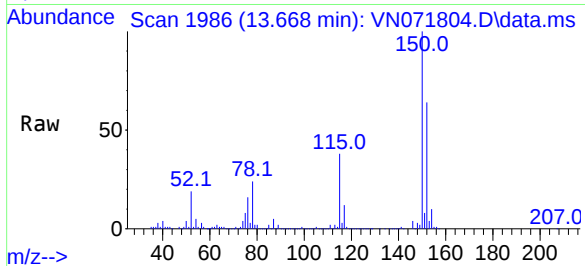




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071804.D
Acq: 02 Apr 2022 17:45

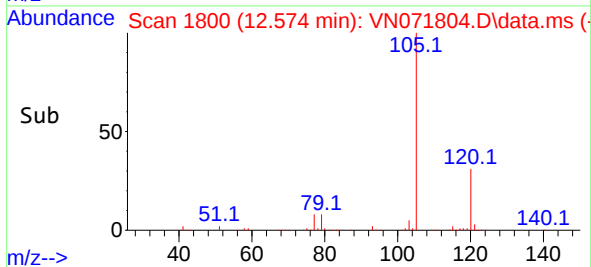
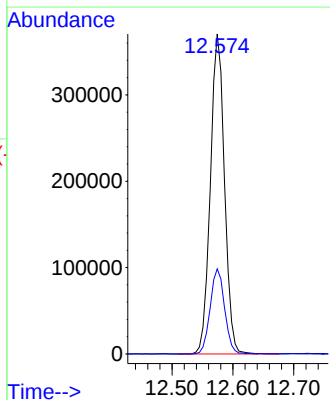
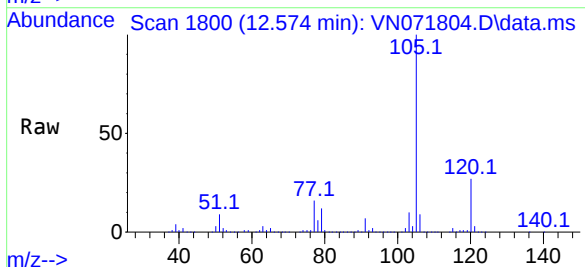
Instrument :
MSVOA_N
ClientSampleId :
RW-1-20220321-16.0-17.0ME

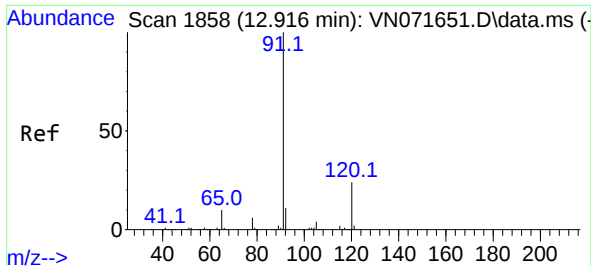
Tgt Ion:152 Resp: 497654
Ion Ratio Lower Upper
152 100
115 60.0 28.9 86.7
150 160.7 0.0 356.2



#73
Isopropylbenzene
Concen: 14.24 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071804.D
Acq: 02 Apr 2022 17:45

Tgt Ion:105 Resp: 597095
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

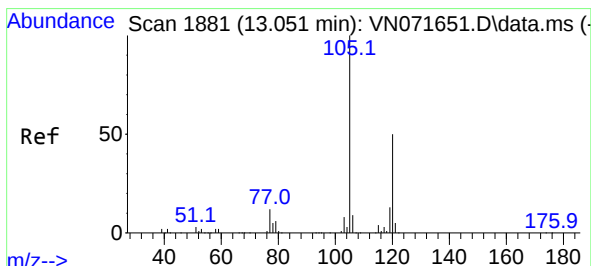
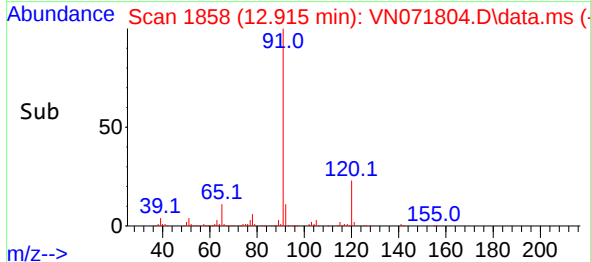
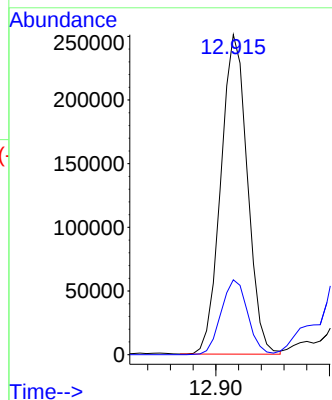
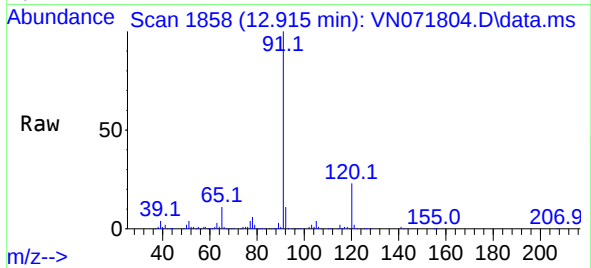




#78
n-propylbenzene
Concen: 9.23 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN071804.D
Acq: 02 Apr 2022 17:45

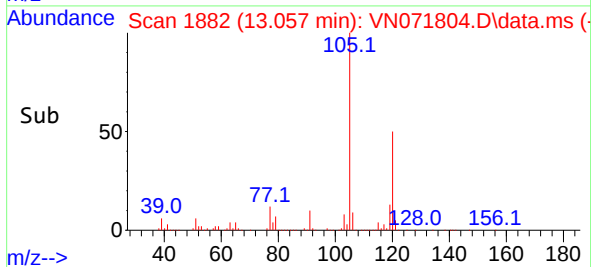
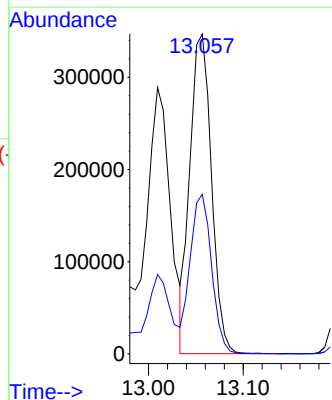
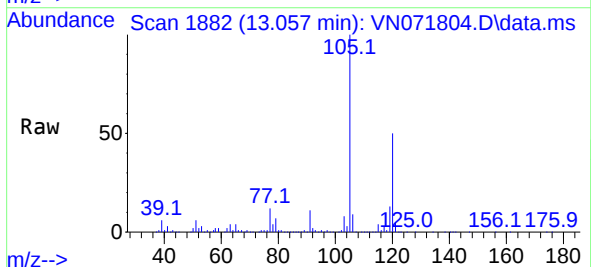
Instrument :
MSVOA_N
ClientSampleId :
RW-1-20220321-16.0-17.0ME

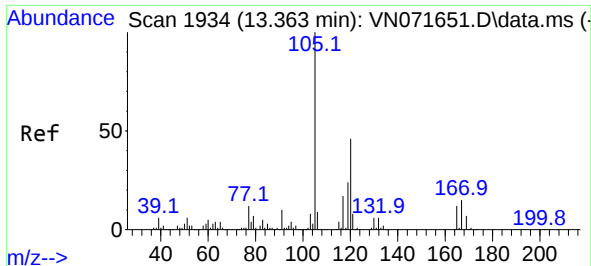
Tgt Ion: 91 Resp: 407048
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 16.52 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071804.D
Acq: 02 Apr 2022 17:45

Tgt Ion: 105 Resp: 548753
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.7

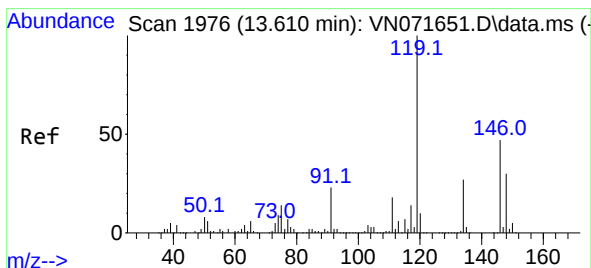
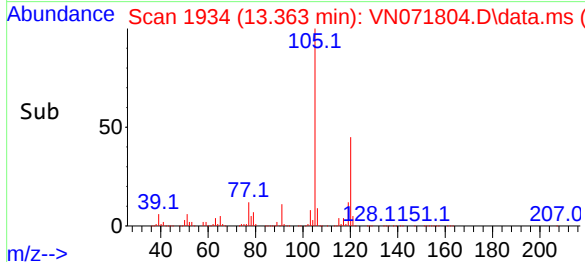
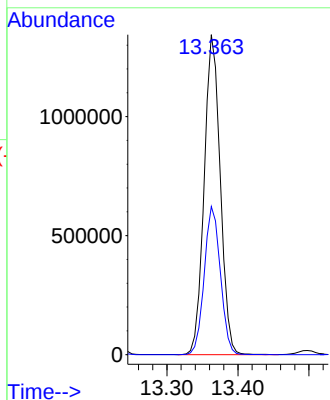
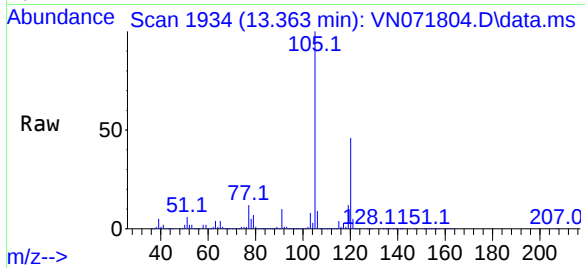




#84
1,2,4-Trimethylbenzene
Concen: 65.31 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071804.D
Acq: 02 Apr 2022 17:45

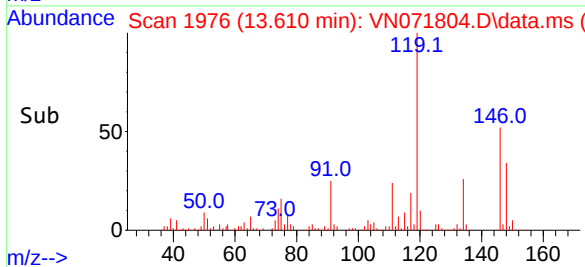
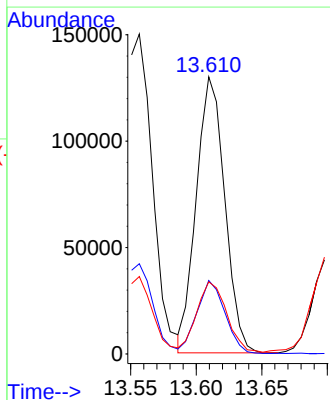
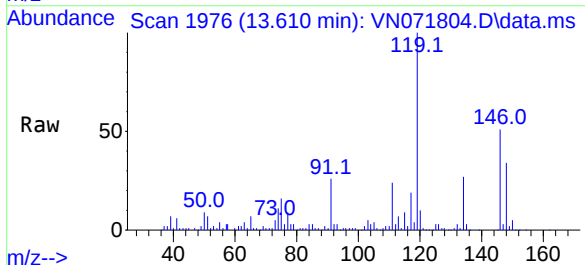
Instrument :
MSVOA_N
ClientSampleId :
RW-1-20220321-16.0-17.0ME

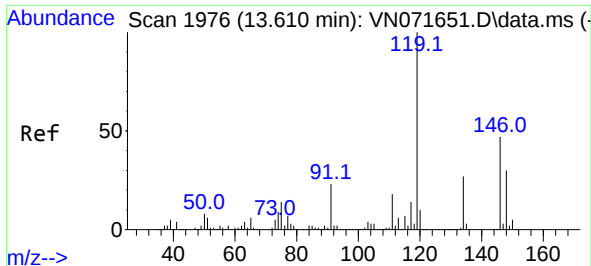
Tgt Ion:105 Resp: 2117139
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8



#86
p-Isopropyltoluene
Concen: 6.25 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071804.D
Acq: 02 Apr 2022 17:45

Tgt Ion:119 Resp: 196170
Ion Ratio Lower Upper
119 100
134 26.2 13.3 39.8
91 26.5 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 6.53 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071804.D

Acq: 02 Apr 2022 17:45

Instrument :

MSVOA_N

ClientSampleId :

RW-1-20220321-16.0-17.0ME

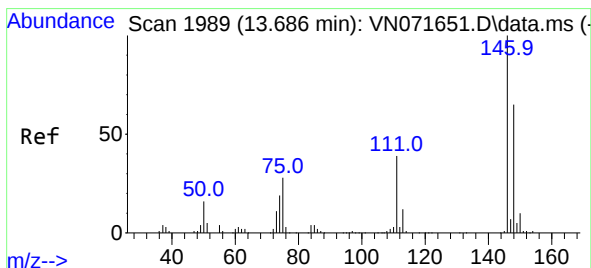
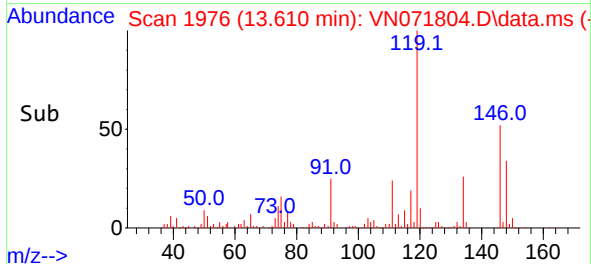
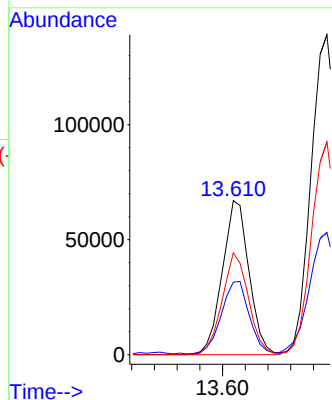
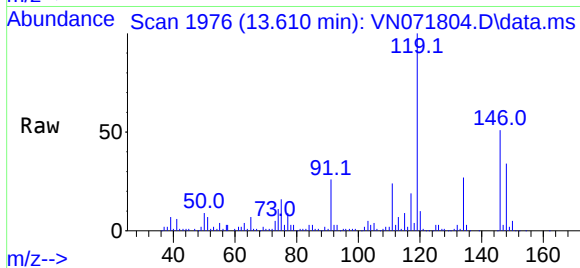
Tgt Ion:146 Resp: 109365

Ion Ratio Lower Upper

146 100

111 48.7 20.0 60.0

148 65.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 14.43 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.006 min

Lab File: VN071804.D

Acq: 02 Apr 2022 17:45

Tgt Ion:146 Resp: 235707

Ion Ratio Lower Upper

146 100

111 40.3 19.1 57.1

148 64.7 31.4 94.3

