

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073180.D
 Acq On : 27 Jun 2022 23:46
 Operator : JC\MD
 Sample : N3501-01
 Misc : 6.92g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B2208-28

Quant Time: Jun 28 06:41:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

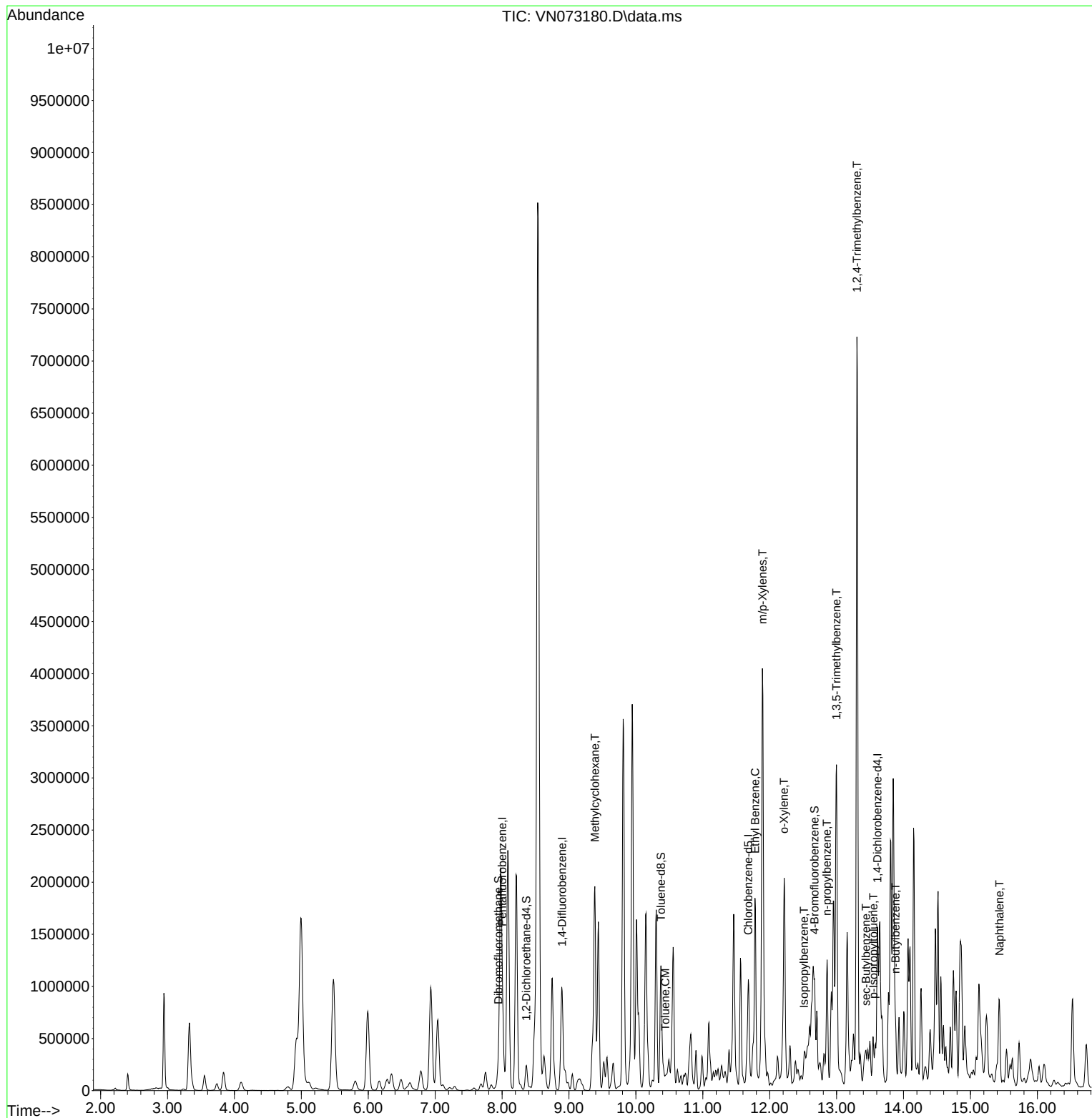
Internal Standards						
1) Pentafluorobenzene	8.004	168	338167	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	538932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	521674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	296674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	197261	43.146	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.300%		
35) Dibromofluoromethane	7.945	113	164124	49.270	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.540%		
50) Toluene-d8	10.375	98	583118	47.044	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.080%		
62) 4-Bromofluorobenzene	12.669	95	285239	63.997	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	128.000%#		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.386	83	371104	68.307	ug/l #	76
52) Toluene	10.439	92	40301	4.634	ug/l	99
67) Ethyl Benzene	11.780	91	1197994	66.798	ug/l	100
68) m/p-Xylenes	11.892	106	1007178	143.182	ug/l	94
69) o-Xylene	12.216	106	518276	73.735	ug/l	95
73) Isopropylbenzene	12.516	105	180371	7.859	ug/l	98
78) n-propylbenzene	12.857	91	892786	35.364	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	1420530	75.349	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	4074354	216.979	ug/l	97
85) sec-Butylbenzene	13.439	105	134709	5.849	ug/l #	53
86) p-Isopropyltoluene	13.551	119	55000	2.949	ug/l	98
89) n-Butylbenzene	13.880	91	263603	17.312	ug/l #	69
95) Naphthalene	15.433	128	665833	29.052	ug/l	99

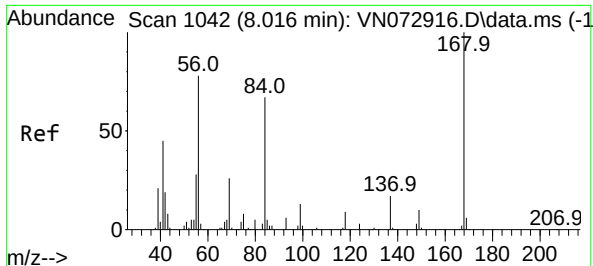
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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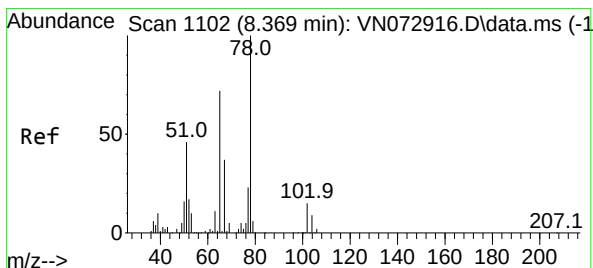
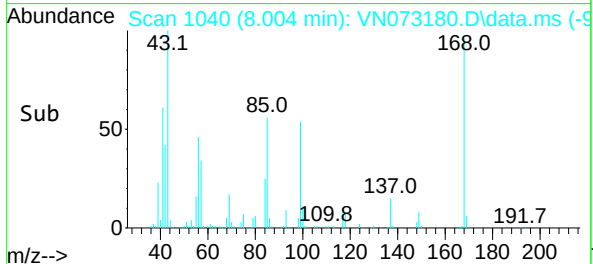
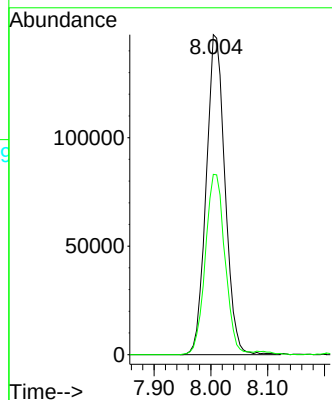
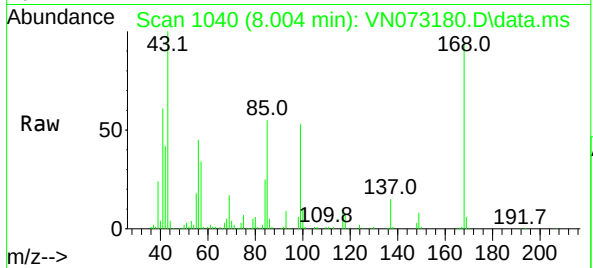




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1101
Delta R.T. -0.012 min
Lab File: VN073180.D
Acq: 27 Jun 2022 23:46

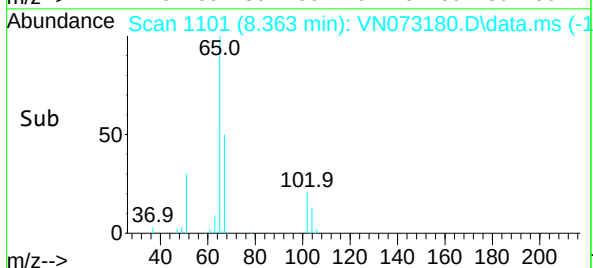
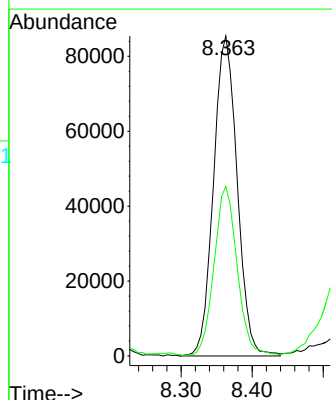
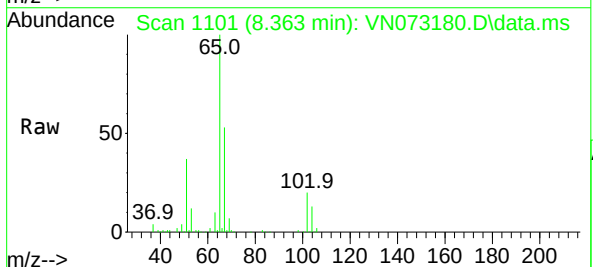
Instrument :
MSVOA_N
ClientSampleId :
B2208-28

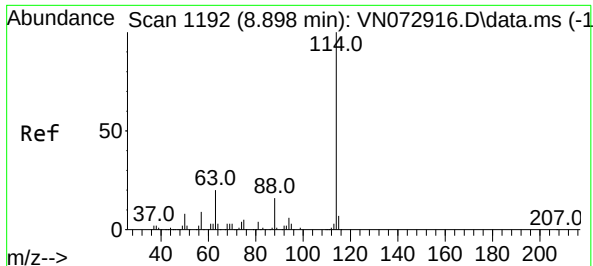
Tgt Ion:168 Resp: 338167
Ion Ratio Lower Upper
168 100
99 56.4 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 43.146 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073180.D
Acq: 27 Jun 2022 23:46

Tgt Ion: 65 Resp: 197261
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073180.D

Acq: 27 Jun 2022 23:46

Instrument :

MSVOA_N

ClientSampleId :

B2208-28

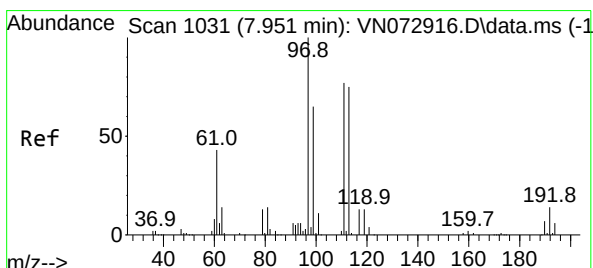
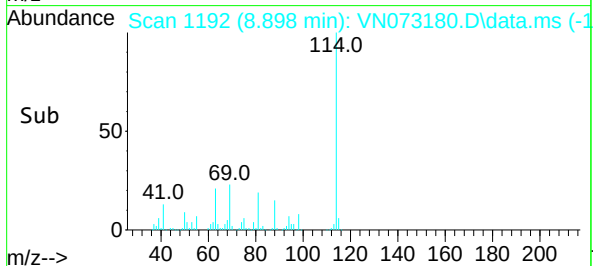
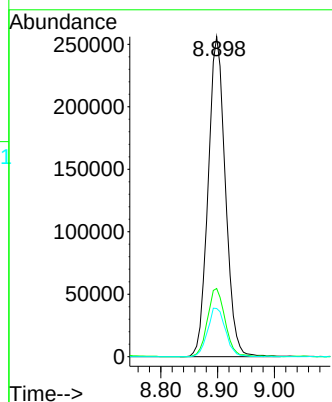
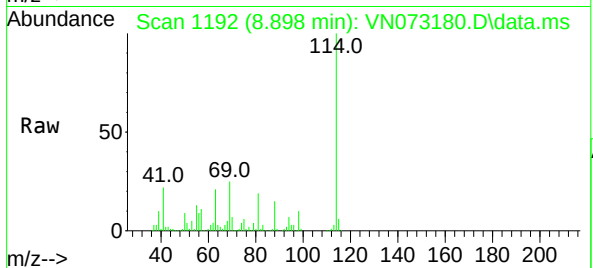
Tgt Ion:114 Resp: 538932

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.270 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073180.D

Acq: 27 Jun 2022 23:46

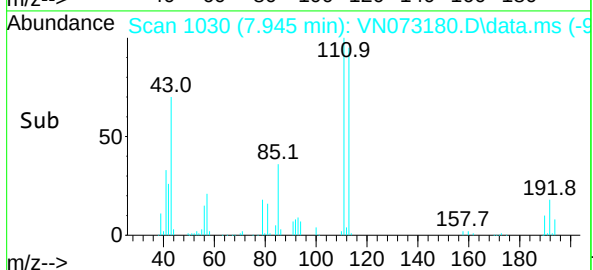
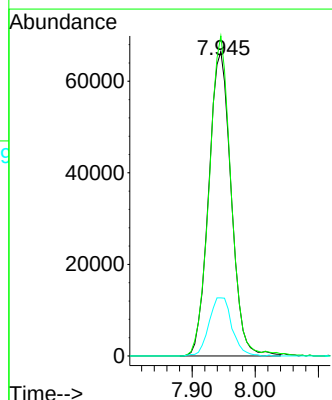
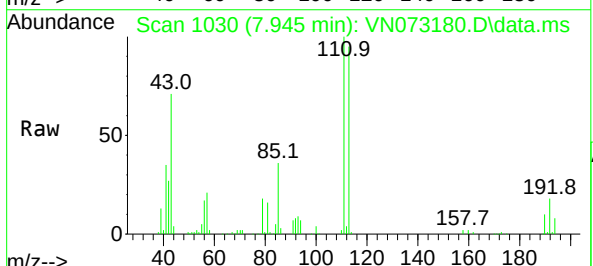
Tgt Ion:113 Resp: 164124

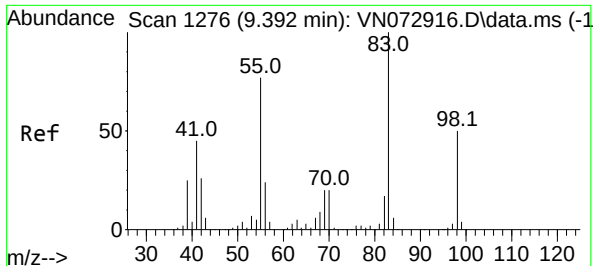
Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

192 19.5 17.0 25.6

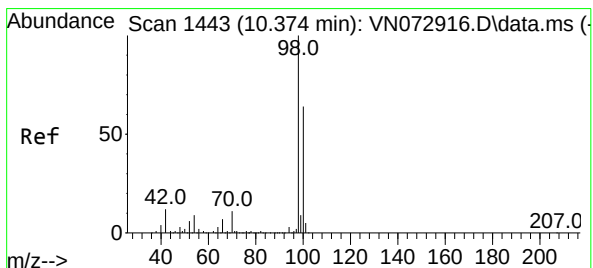
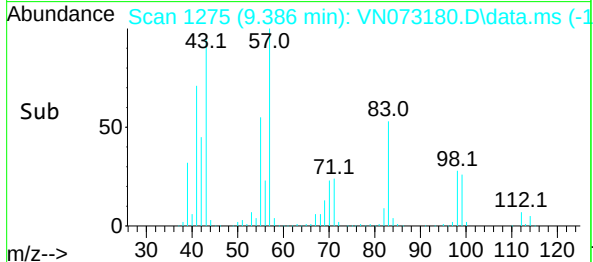
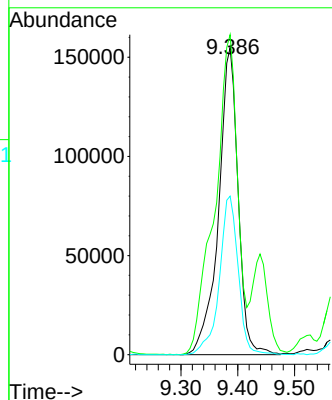
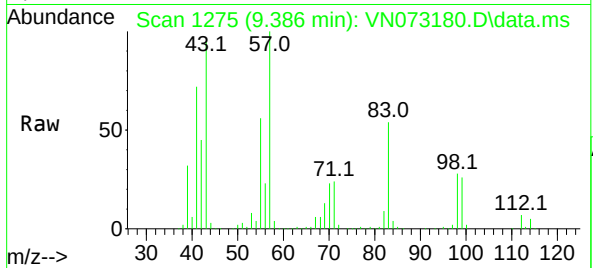




#39
Methylcyclohexane
Concen: 68.307 ug/l
RT: 9.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073180.D
Acq: 27 Jun 2022 23:46

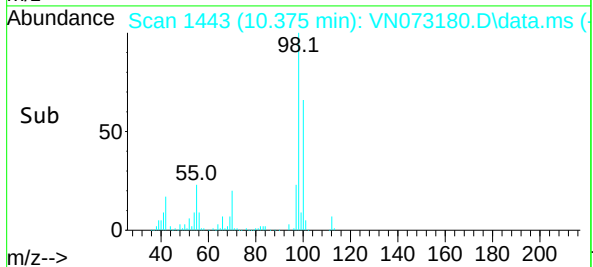
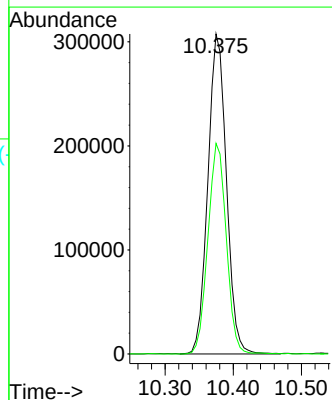
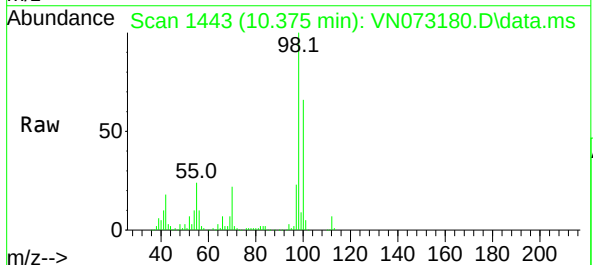
Instrument :
MSVOA_N
ClientSampleId :
B2208-28

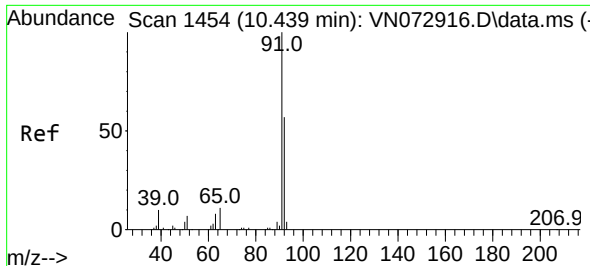
Tgt Ion: 83 Resp: 371104
Ion Ratio Lower Upper
83 100
55 104.2 57.8 86.8#
98 51.7 39.4 59.2



#50
Toluene-d8
Concen: 47.044 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073180.D
Acq: 27 Jun 2022 23:46

Tgt Ion: 98 Resp: 583118
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

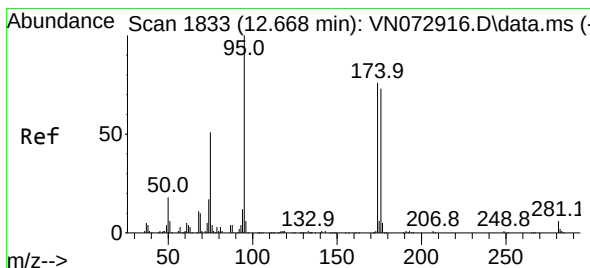
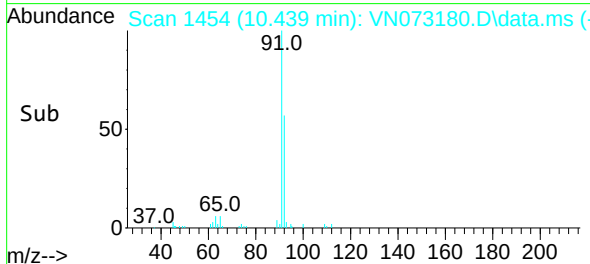
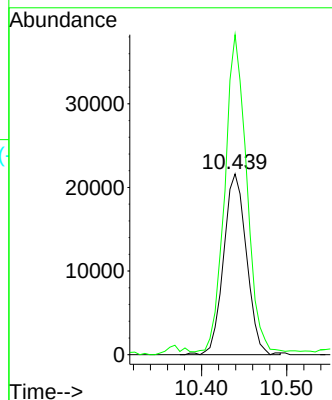
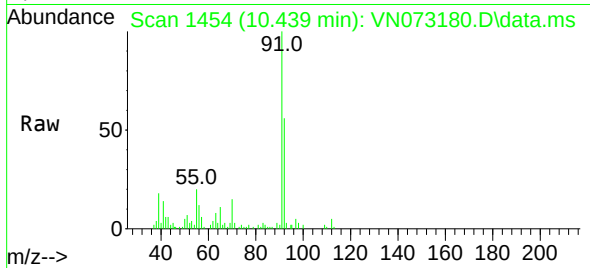




#52
Toluene
Concen: 4.634 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073180.D
Acq: 27 Jun 2022 23:46

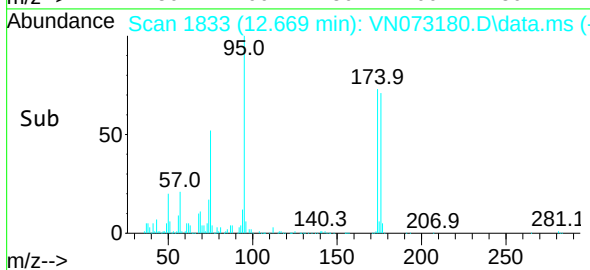
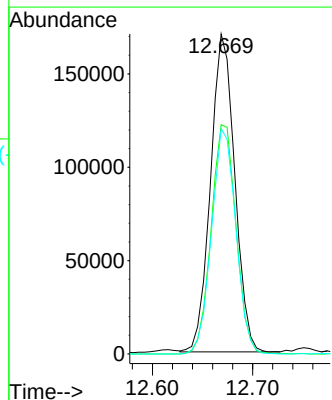
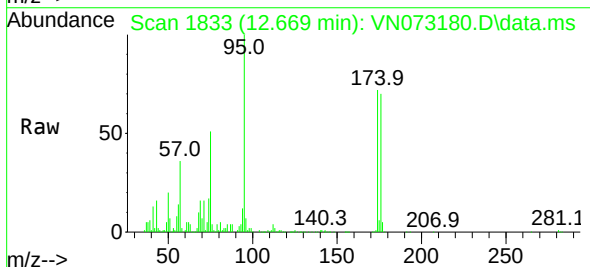
Instrument :
MSVOA_N
ClientSampleId :
B2208-28

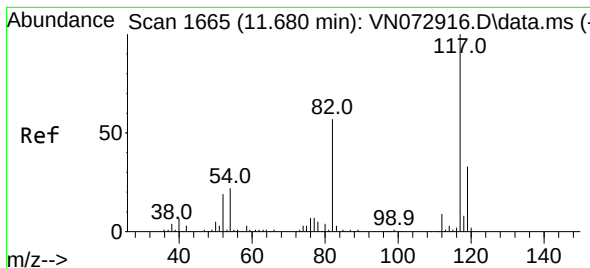
Tgt Ion: 92 Resp: 40301
Ion Ratio Lower Upper
92 100
91 172.4 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 63.997 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073180.D
Acq: 27 Jun 2022 23:46

Tgt Ion: 95 Resp: 285239
Ion Ratio Lower Upper
95 100
174 74.2 0.0 167.6
176 71.3 0.0 163.4

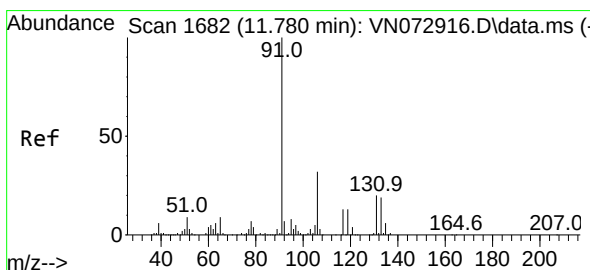
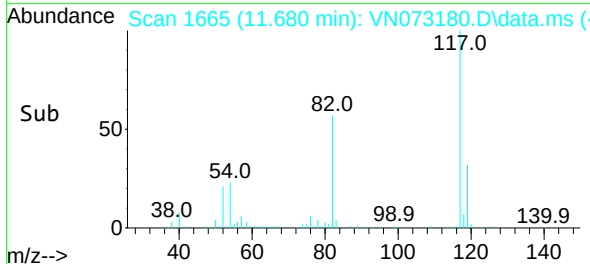
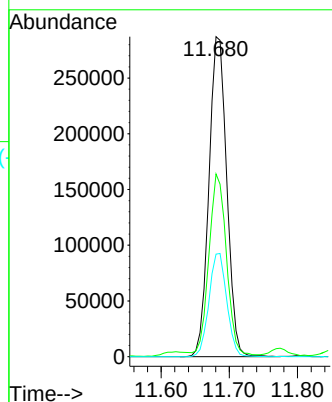
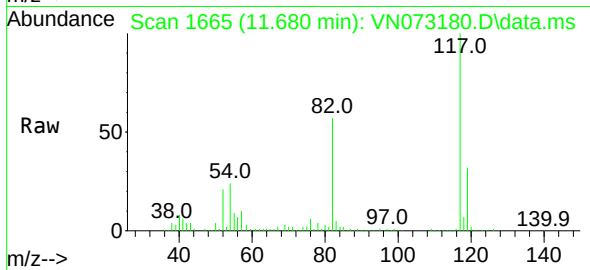




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VN073180.D
Acq: 27 Jun 2022 23:46

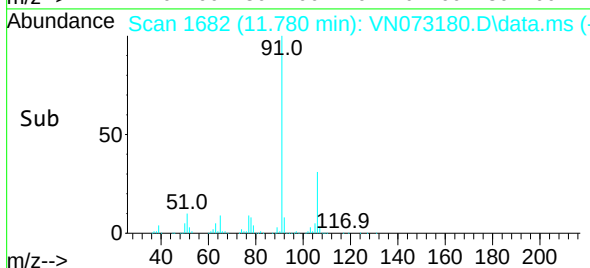
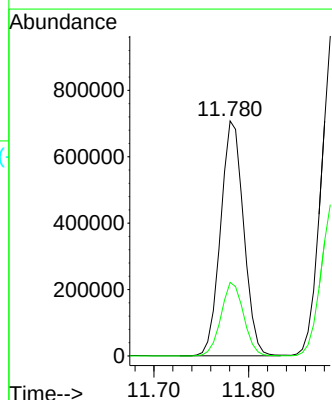
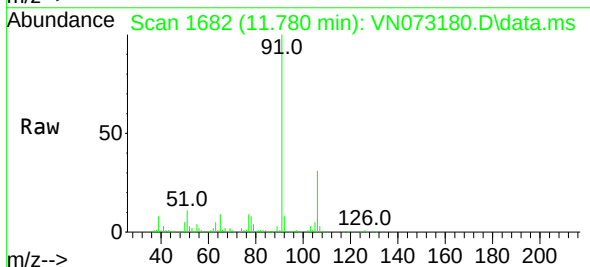
Instrument :
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B2208-28

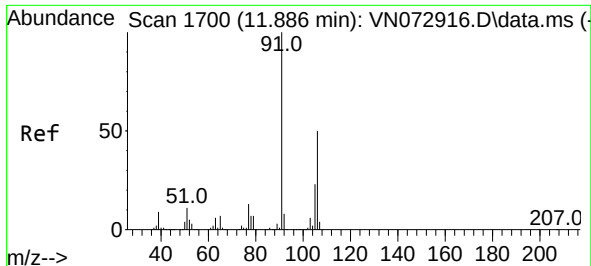
Tgt Ion:117 Resp: 521674
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 32.1 25.4 38.0



#67
Ethyl Benzene
Concen: 66.798 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073180.D
Acq: 27 Jun 2022 23:46

Tgt Ion: 91 Resp: 1197994
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

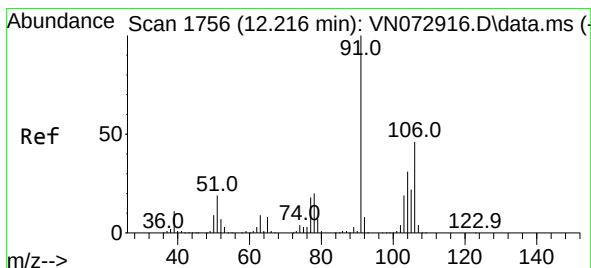
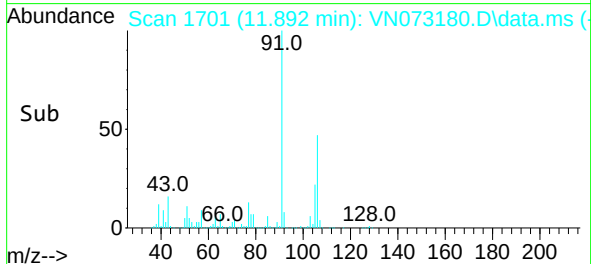
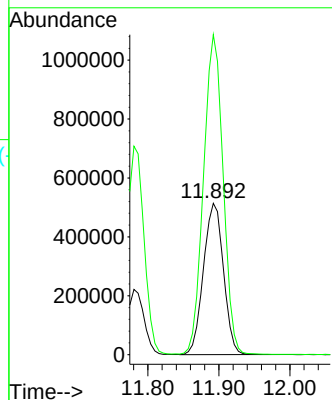
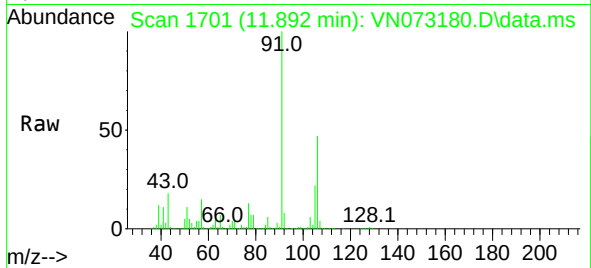




#68
m/p-Xylenes
Concen: 143.182 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN073180.D
Acq: 27 Jun 2022 23:46

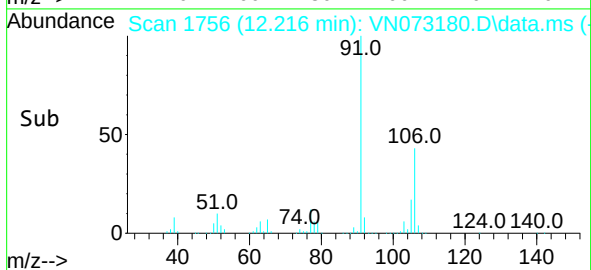
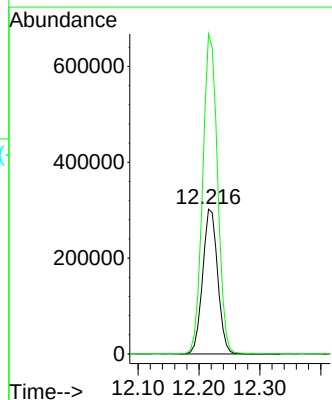
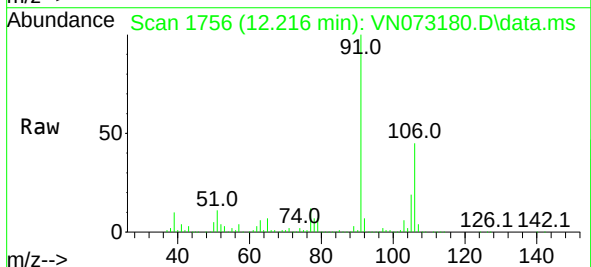
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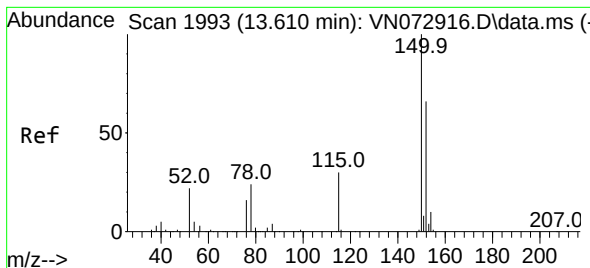
Tgt Ion:106 Resp: 1007178
Ion Ratio Lower Upper
106 100
91 207.1 158.9 238.3



#69
o-Xylene
Concen: 73.735 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073180.D
Acq: 27 Jun 2022 23:46

Tgt Ion:106 Resp: 518276
Ion Ratio Lower Upper
106 100
91 219.1 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VN073180.D

Acq: 27 Jun 2022 23:46

Instrument :

MSVOA_N

ClientSampleId :

B2208-28

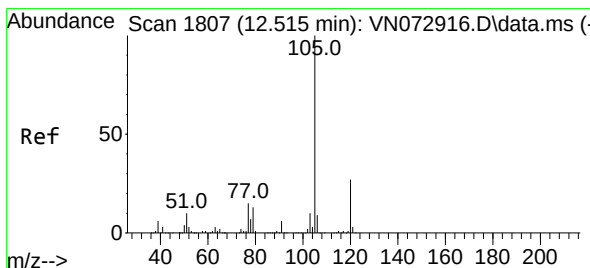
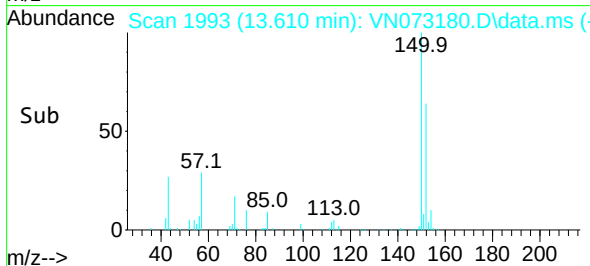
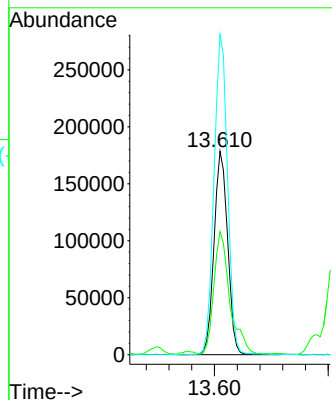
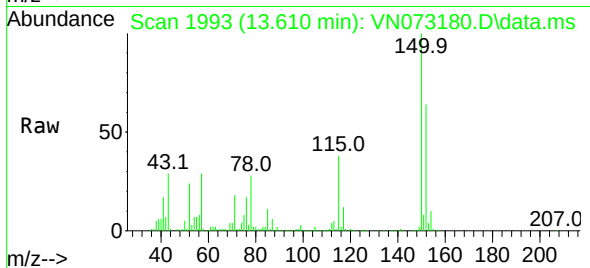
Tgt Ion:152 Resp: 296674

Ion Ratio Lower Upper

152 100

115 70.6 28.9 86.7

150 156.3 0.0 356.2



#73

Isopropylbenzene

Concen: 7.859 ug/l

RT: 12.516 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN073180.D

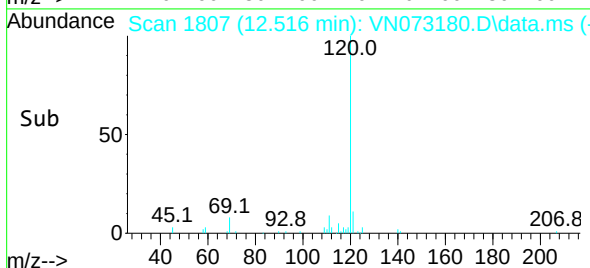
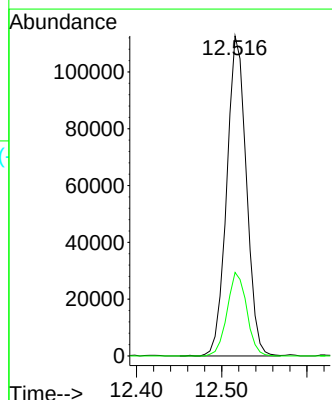
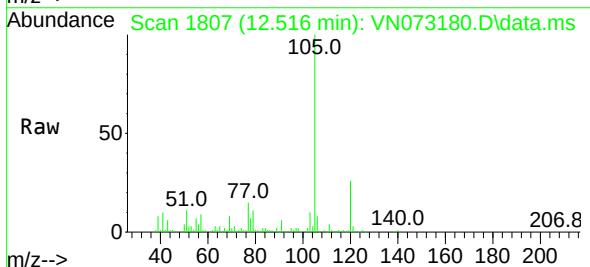
Acq: 27 Jun 2022 23:46

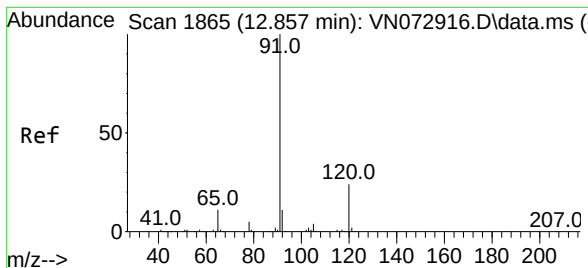
Tgt Ion:105 Resp: 180371

Ion Ratio Lower Upper

105 100

120 26.0 13.5 40.4





#78

n-propylbenzene

Concen: 35.364 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN073180.D

Acq: 27 Jun 2022 23:46

Instrument :

MSVOA_N

ClientSampleId :

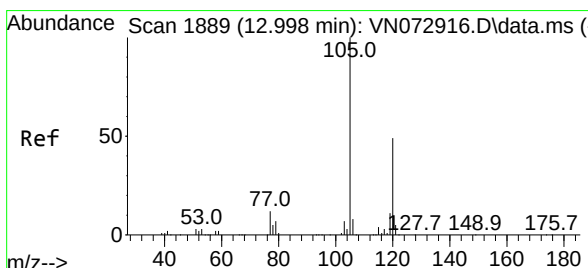
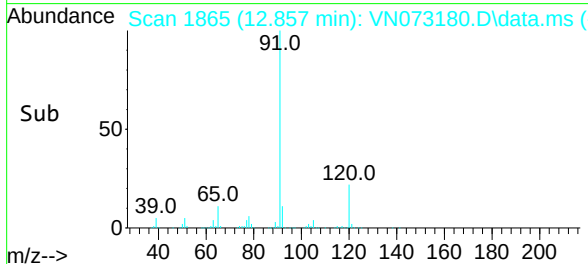
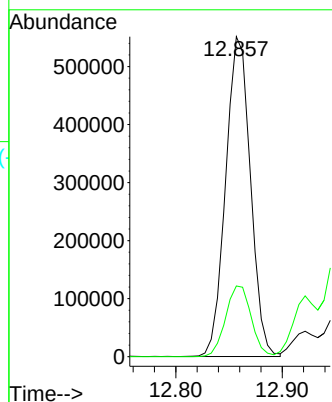
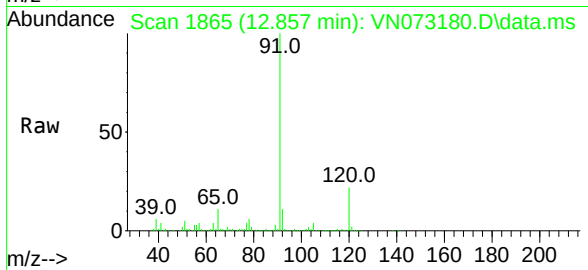
B2208-28

Tgt Ion: 91 Resp: 892786

Ion Ratio Lower Upper

91 100

120 22.8 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 75.349 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073180.D

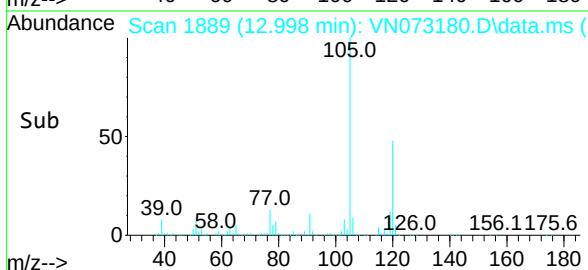
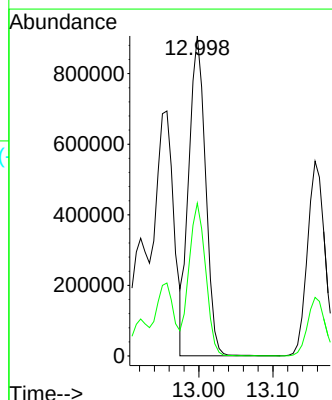
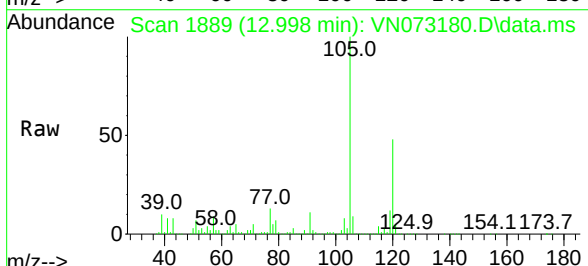
Acq: 27 Jun 2022 23:46

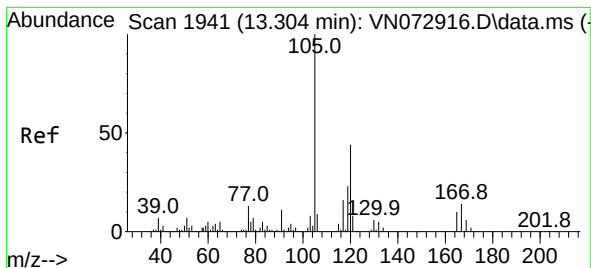
Tgt Ion: 105 Resp: 1420530

Ion Ratio Lower Upper

105 100

120 47.6 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 216.979 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN073180.D

Acq: 27 Jun 2022 23:46

Instrument :

MSVOA_N

ClientSampleId :

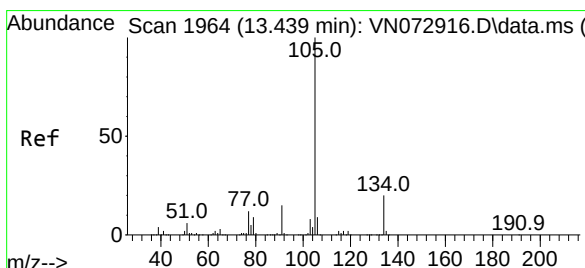
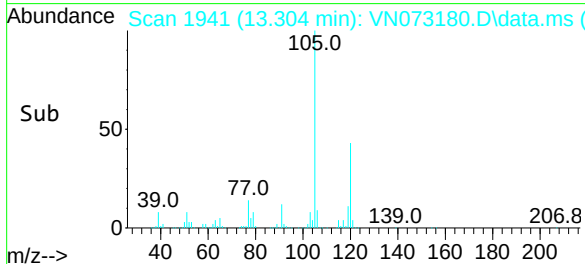
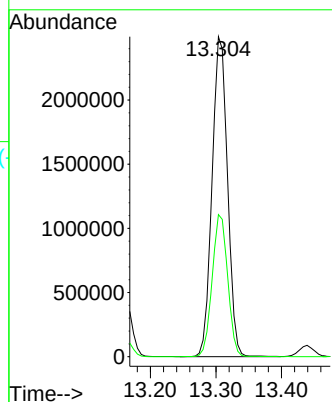
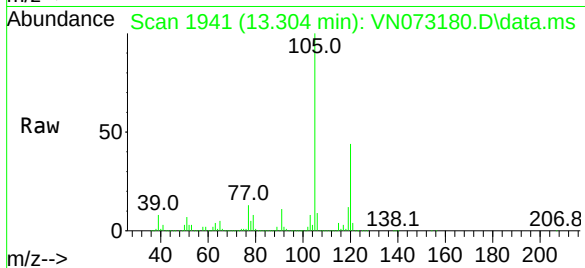
B2208-28

Tgt Ion:105 Resp: 4074354

Ion Ratio Lower Upper

105 100

120 44.6 23.3 69.8



#85

sec-Butylbenzene

Concen: 5.849 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073180.D

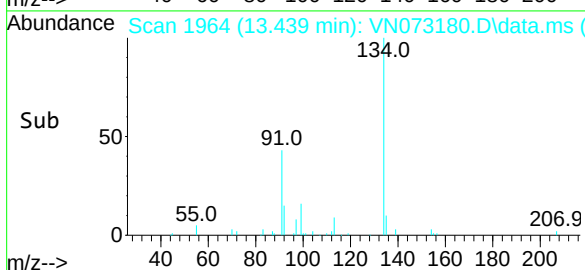
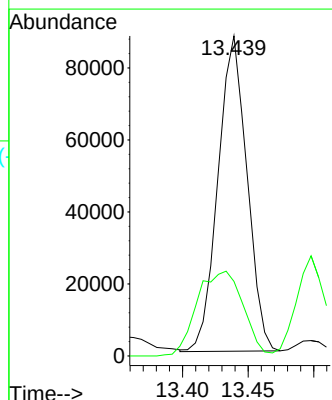
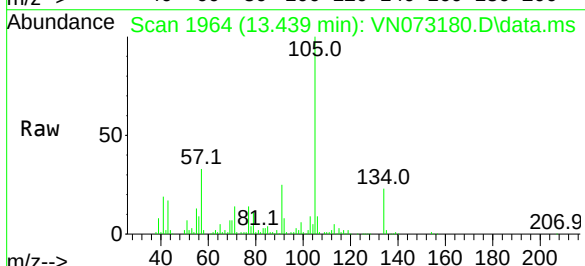
Acq: 27 Jun 2022 23:46

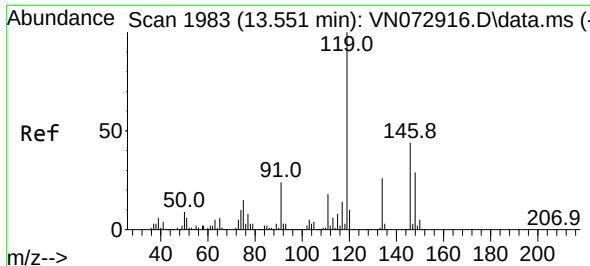
Tgt Ion:105 Resp: 134709

Ion Ratio Lower Upper

105 100

134 42.7 10.4 31.1#

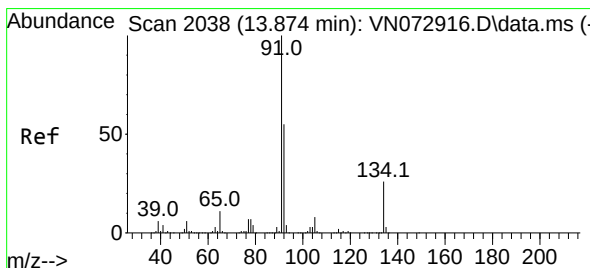
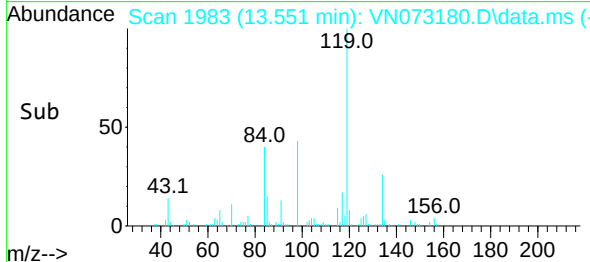
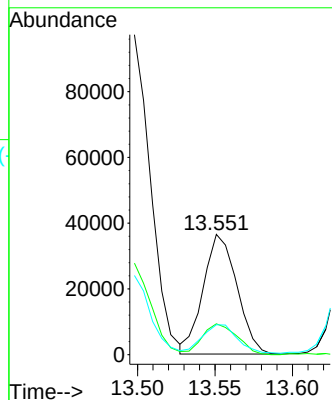
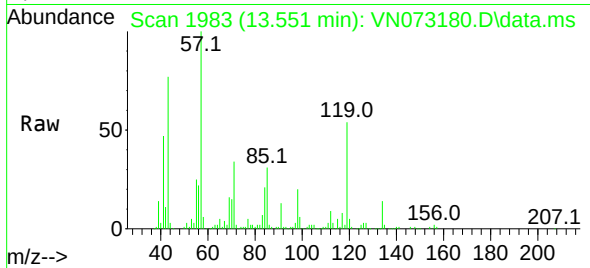




#86
p-Isopropyltoluene
Concen: 2.949 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN073180.D
Acq: 27 Jun 2022 23:46

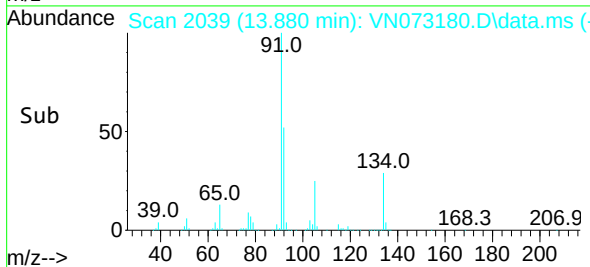
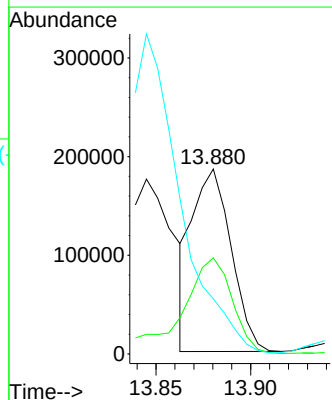
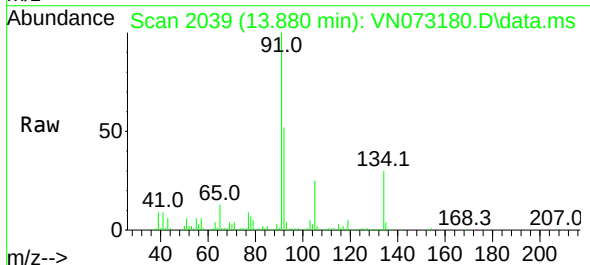
Instrument :
MSVOA_N
ClientSampleId :
B2208-28

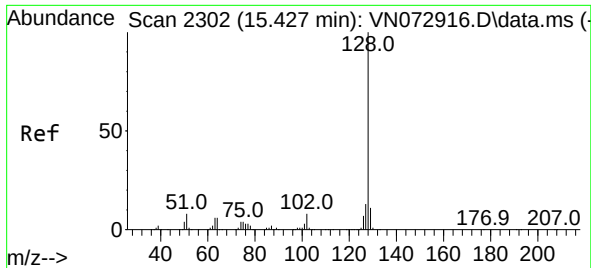
Tgt Ion:119 Resp: 55000
Ion Ratio Lower Upper
119 100
134 26.7 13.3 39.8
91 24.4 11.3 33.9



#89
n-Butylbenzene
Concen: 17.312 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073180.D
Acq: 27 Jun 2022 23:46

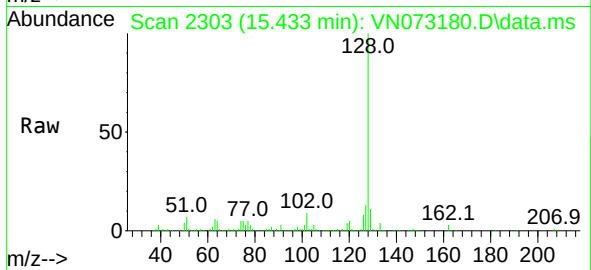
Tgt Ion: 91 Resp: 263603
Ion Ratio Lower Upper
91 100
92 68.6 26.9 80.7
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 29.052 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073180.D
Acq: 27 Jun 2022 23:46

Instrument :
MSVOA_N
ClientSampleId :
B2208-28



Tgt Ion:128 Resp: 665833
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.2 8.6 13.0

