

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073378.D
 Acq On : 07 Jul 2022 17:59
 Operator : JC\MD
 Sample : N3586-02
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31268

Quant Time: Jul 08 03:03:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

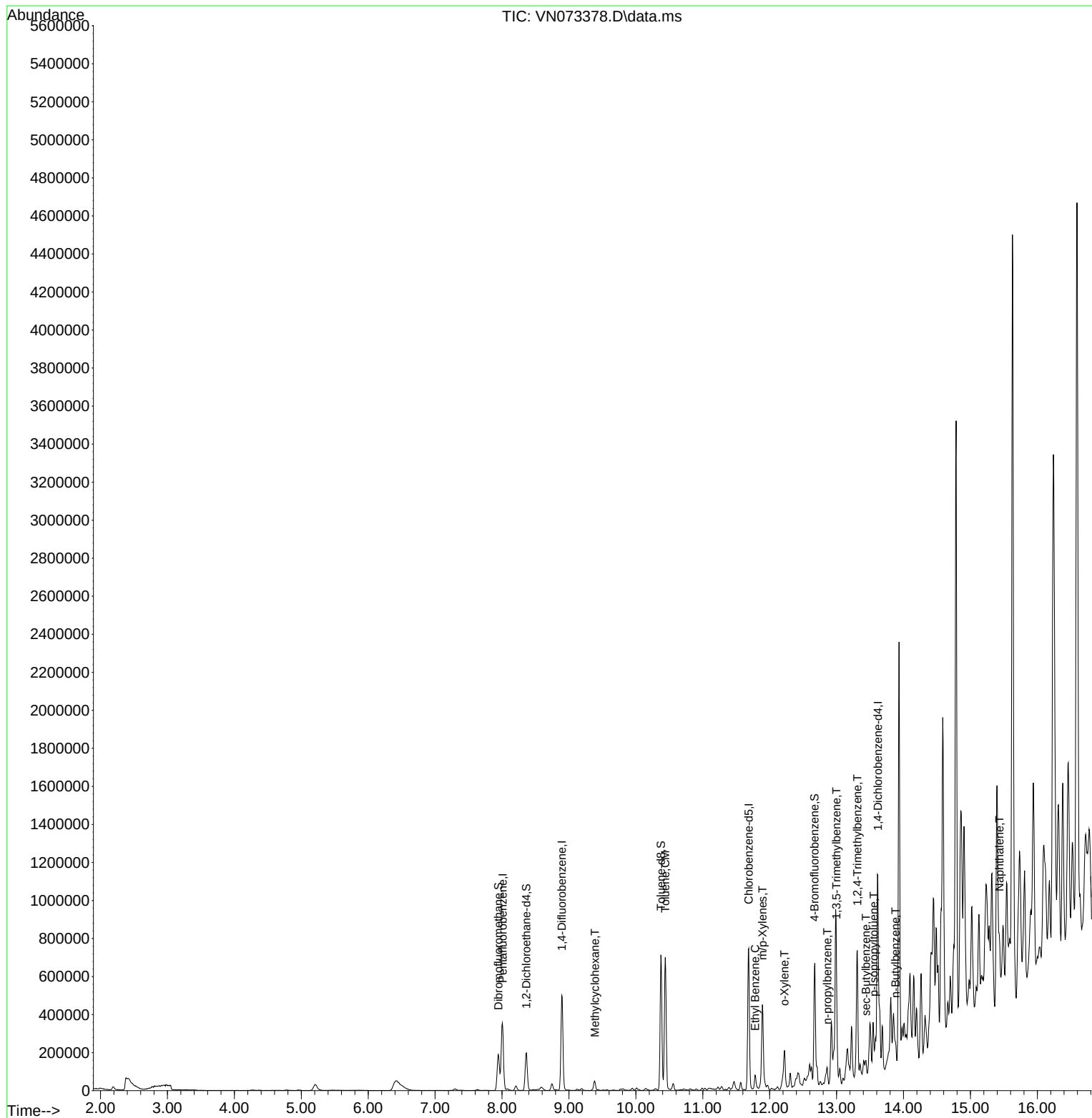
Internal Standards						
1) Pentafluorobenzene	8.010	168	272349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.892	114	454666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	433363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	219388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	165729	42.152	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.300%		
35) Dibromofluoromethane	7.945	113	139957	46.267	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.540%		
50) Toluene-d8	10.375	98	483284	44.983	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.960%		
62) 4-Bromofluorobenzene	12.669	95	223874	54.223	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.440%		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.386	83	18343	3.165	ug/l	90
52) Toluene	10.439	92	303097	34.143	ug/l	99
67) Ethyl Benzene	11.780	91	54369	3.056	ug/l	96
68) m/p-Xylenes	11.892	106	92889	13.833	ug/l	98
69) o-Xylene	12.222	106	51288	7.481	ug/l	96
78) n-propylbenzene	12.863	91	76146	3.618	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	101325	6.562	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	382713	24.824	ug/l	99
85) sec-Butylbenzene	13.439	105	34336	1.847	ug/l	83
86) p-Isopropyltoluene	13.557	119	32069	2.136	ug/l	96
89) n-Butylbenzene	13.880	91	68121	5.444	ug/l #	80
95) Naphthalene	15.433	128	198060	11.714	ug/l #	90

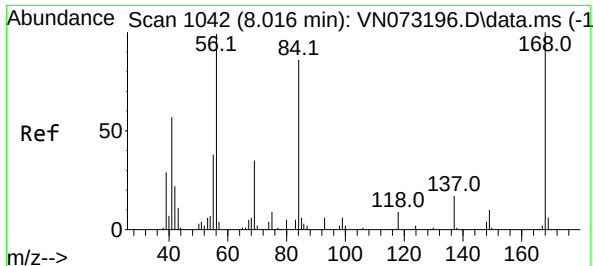
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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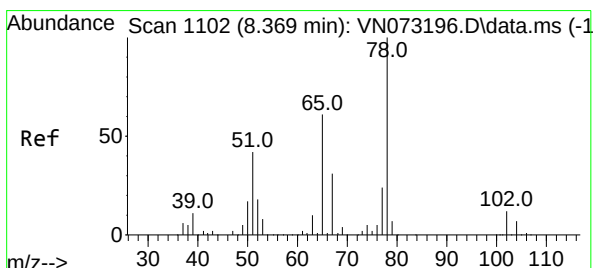
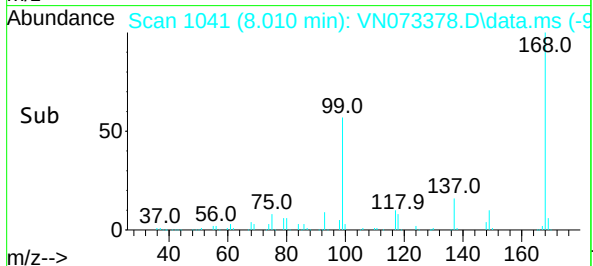
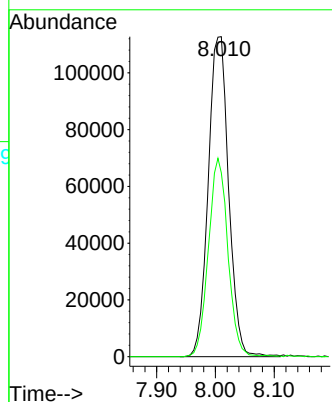
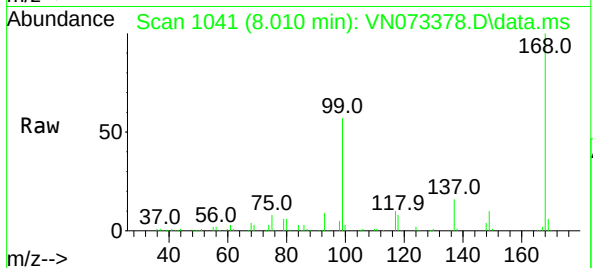




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

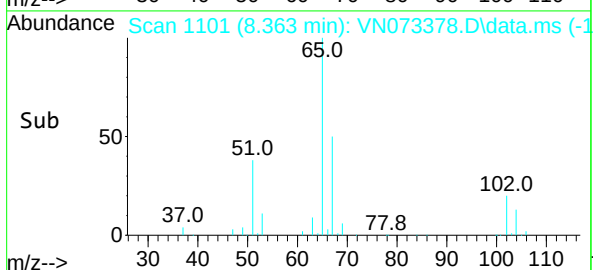
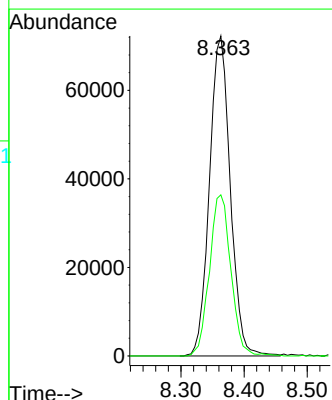
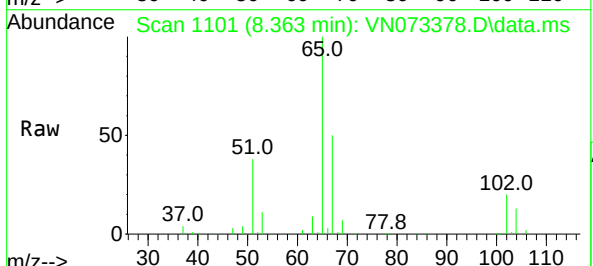
Instrument :
MSVOA_N
ClientSampleId :
31268

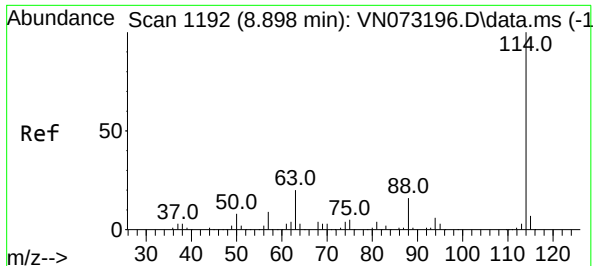
Tgt Ion:168 Resp: 272349
Ion Ratio Lower Upper
168 100
99 57.4 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 42.152 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 65 Resp: 165729
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.892 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

31268

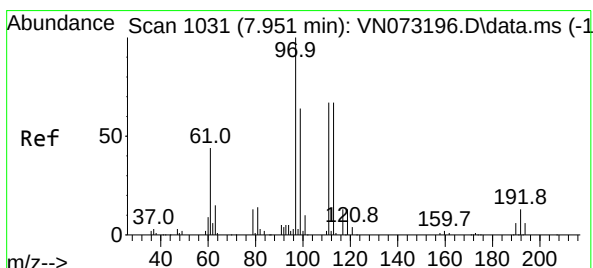
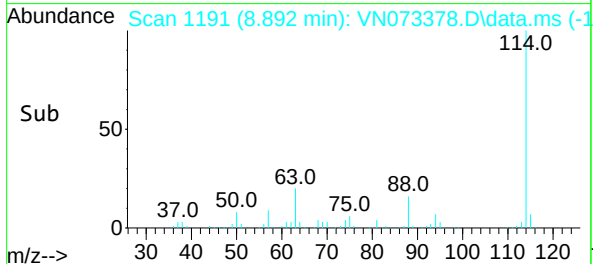
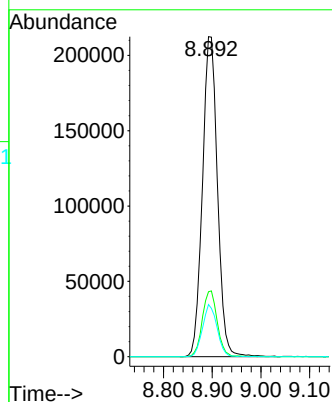
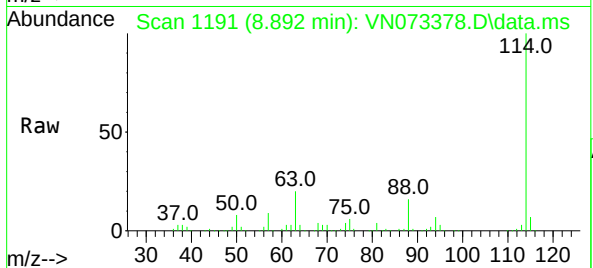
Tgt Ion:114 Resp: 454666

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.267 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

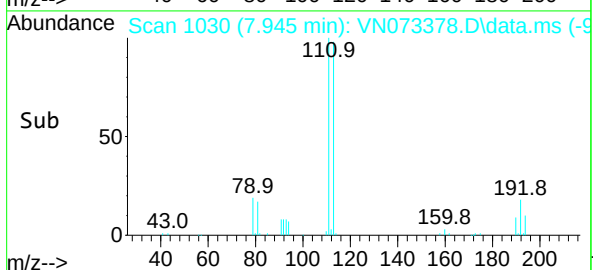
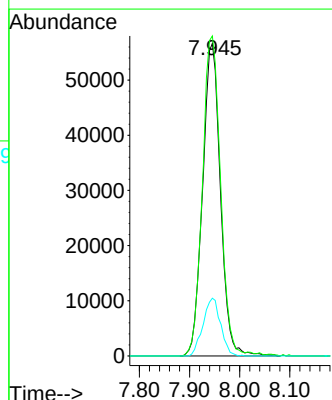
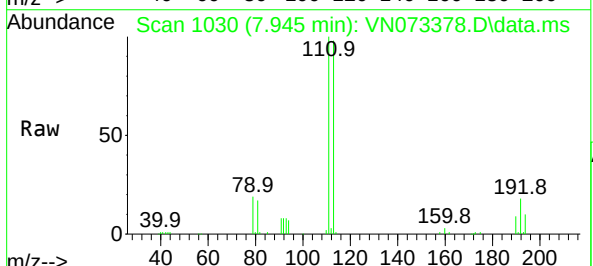
Tgt Ion:113 Resp: 139957

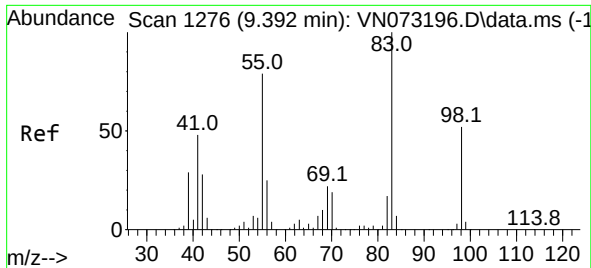
Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 18.2 17.0 25.6

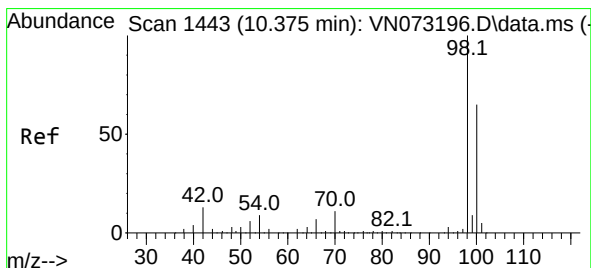
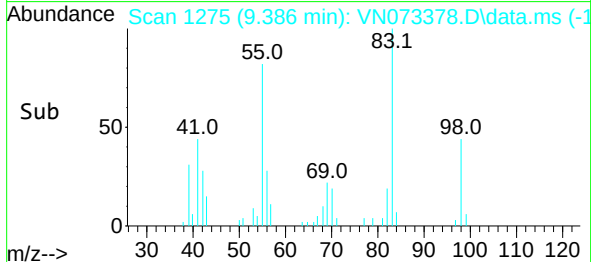
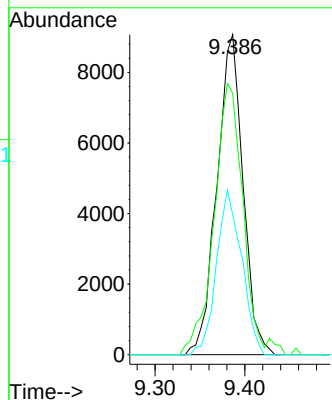
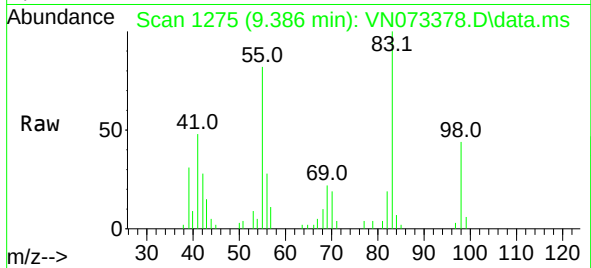




#39
Methylcyclohexane
Concen: 3.165 ug/l
RT: 9.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

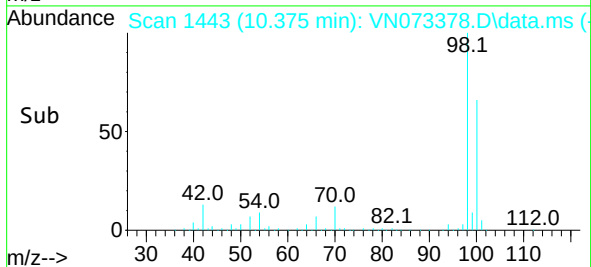
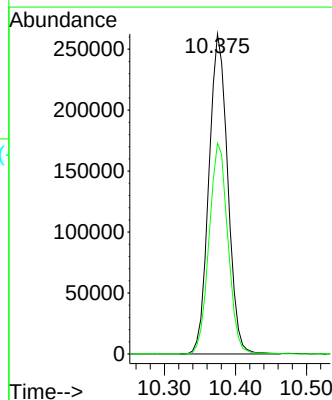
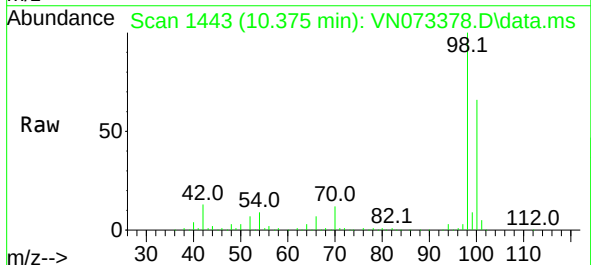
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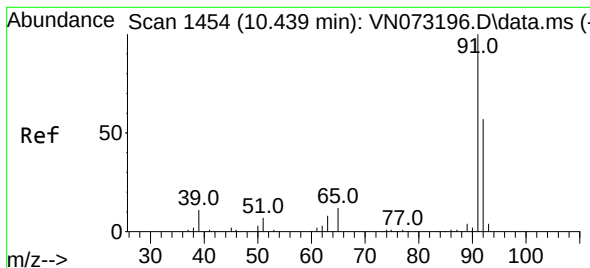
Tgt Ion: 83 Resp: 18343
Ion Ratio Lower Upper
83 100
55 81.7 57.8 86.8
98 43.8 39.4 59.2



#50
Toluene-d8
Concen: 44.983 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 98 Resp: 483284
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8





#52

Toluene

Concen: 34.143 ug/l

RT: 10.439 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

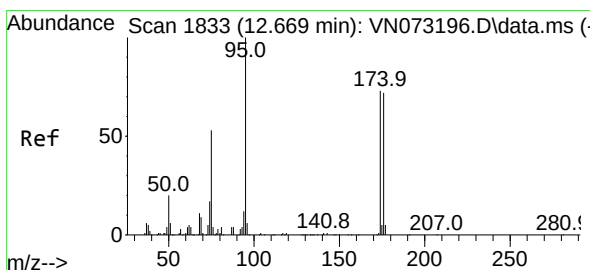
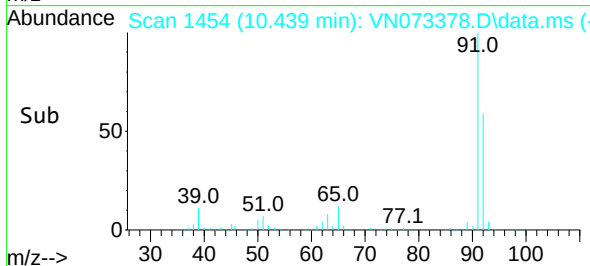
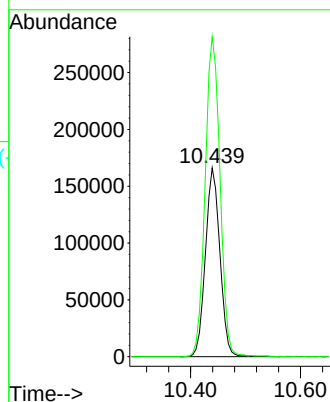
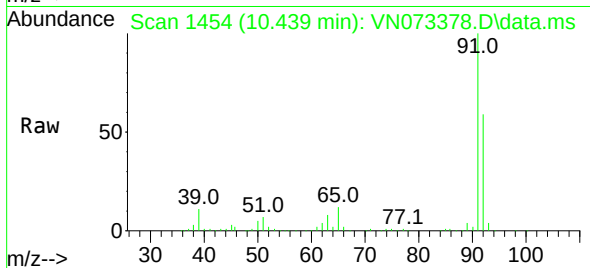
31268

Tgt Ion: 92 Resp: 303097

Ion Ratio Lower Upper

92 100

91 174.3 138.6 207.8



#62

4-Bromofluorobenzene

Concen: 54.223 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

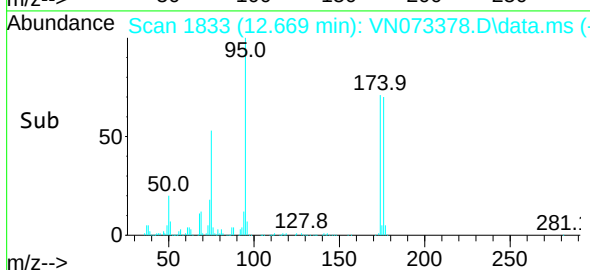
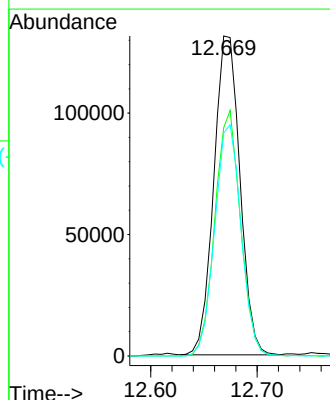
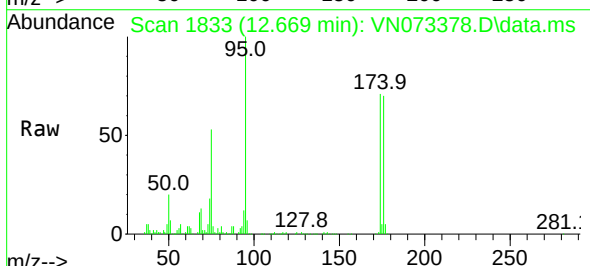
Tgt Ion: 95 Resp: 223874

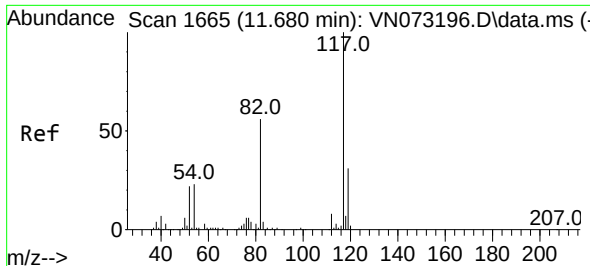
Ion Ratio Lower Upper

95 100

174 75.3 0.0 167.6

176 72.9 0.0 163.4

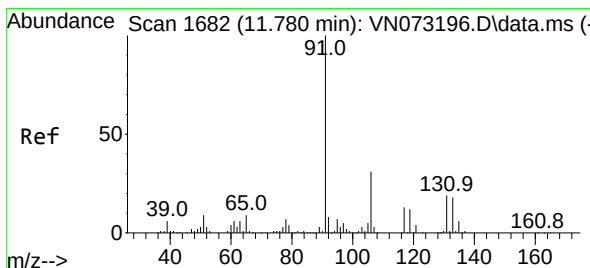
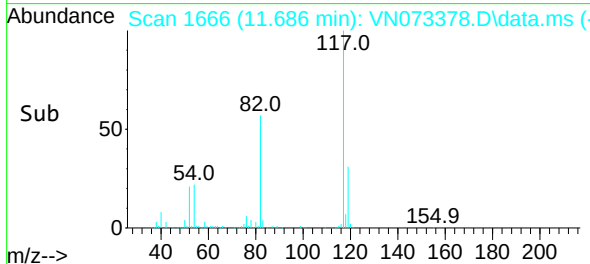
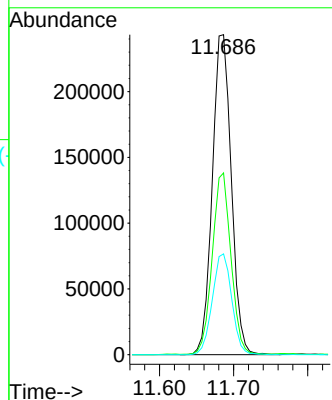
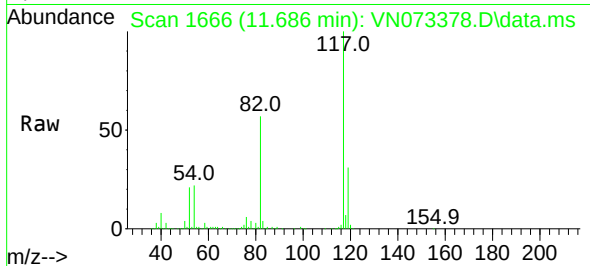




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

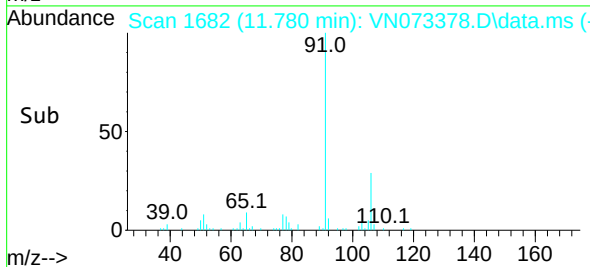
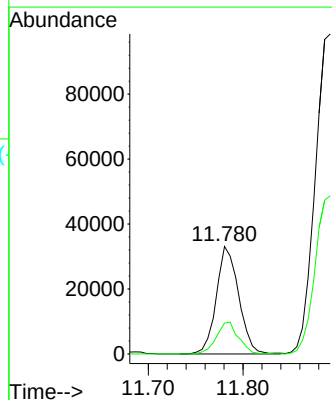
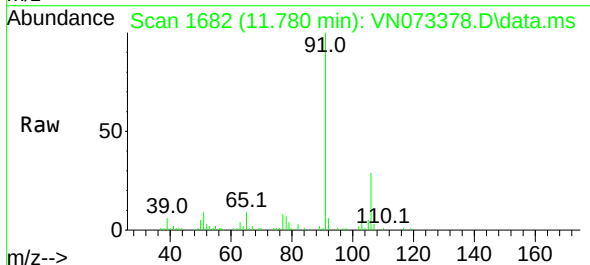
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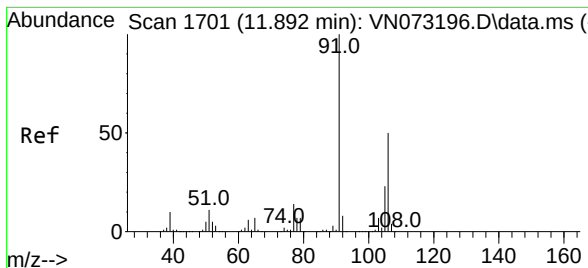
Tgt Ion:117 Resp: 433363
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 31.5 25.4 38.0



#67
Ethyl Benzene
Concen: 3.056 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 91 Resp: 54369
Ion Ratio Lower Upper
91 100
106 28.7 24.9 37.3

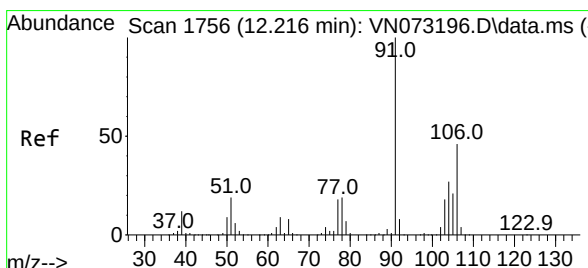
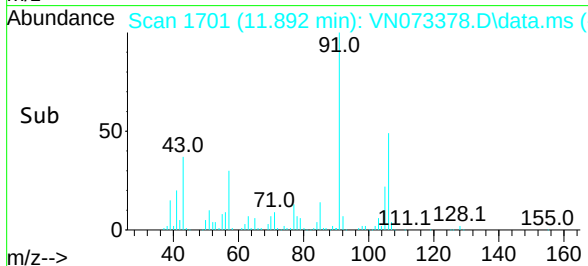
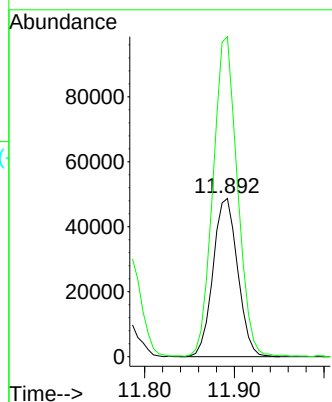
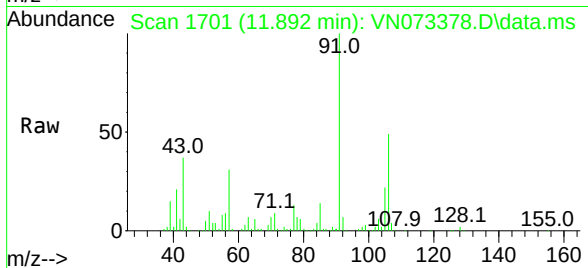




#68
m/p-Xylenes
Concen: 13.833 ug/l
RT: 11.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

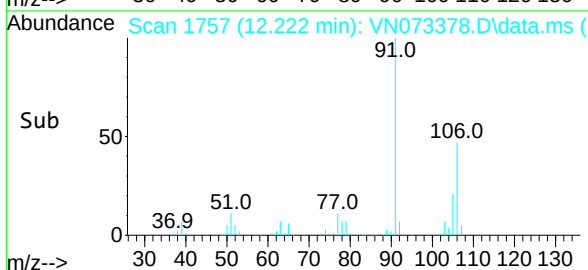
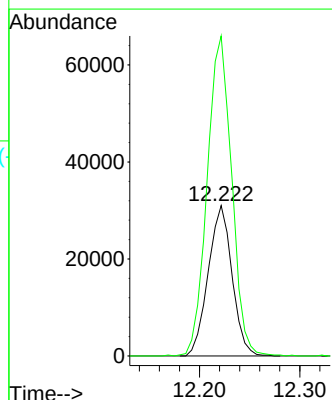
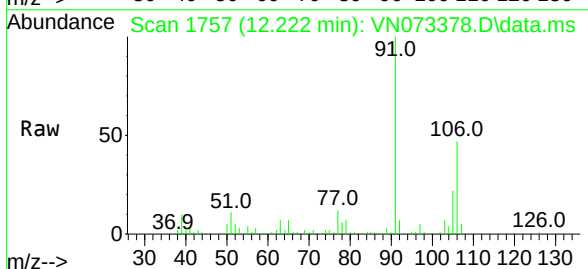
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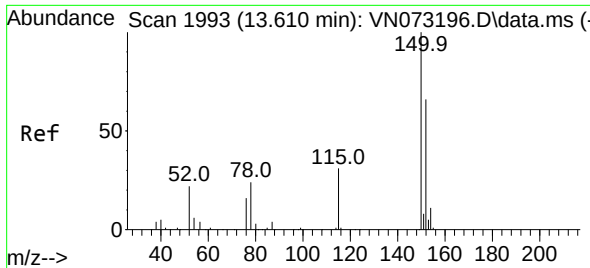
Tgt Ion:106 Resp: 92889
Ion Ratio Lower Upper
106 100
91 201.0 158.9 238.3



#69
o-Xylene
Concen: 7.481 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion:106 Resp: 51288
Ion Ratio Lower Upper
106 100
91 218.8 106.0 318.0

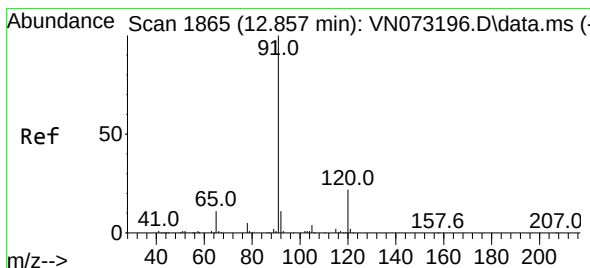
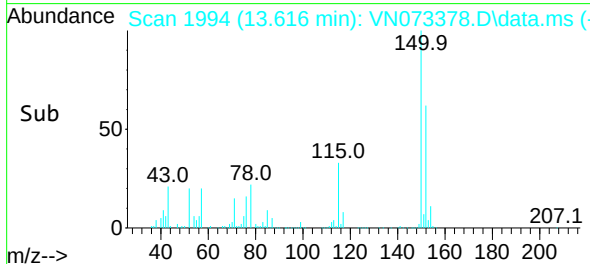
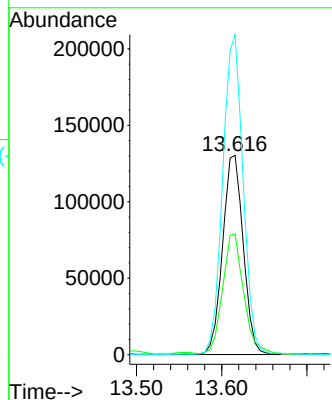
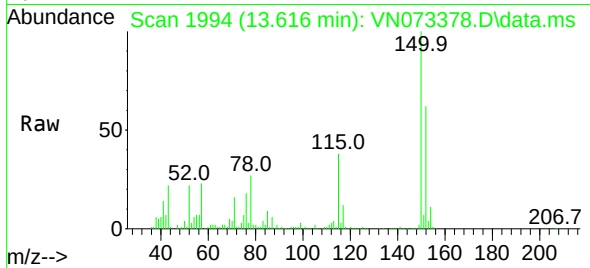




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

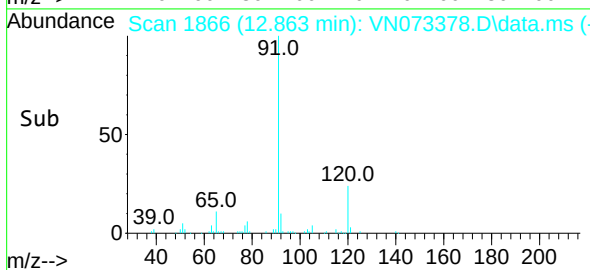
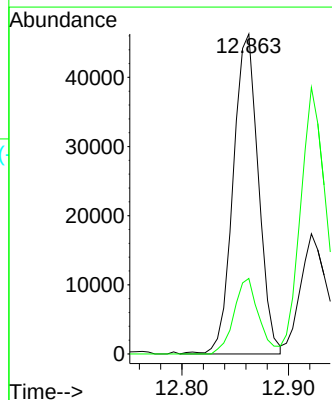
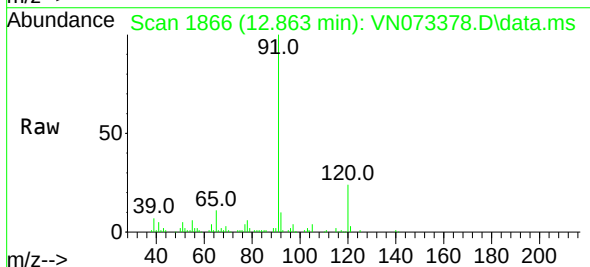
Instrument :
MSVOA_N
ClientSampleId :
31268

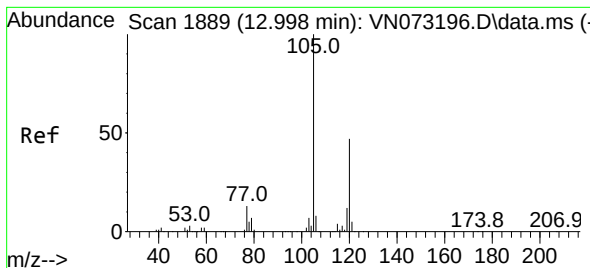
Tgt Ion:152 Resp: 219388
Ion Ratio Lower Upper
152 100
115 62.0 28.9 86.7
150 157.7 0.0 356.2



#78
n-propylbenzene
Concen: 3.618 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 91 Resp: 76146
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 6.562 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

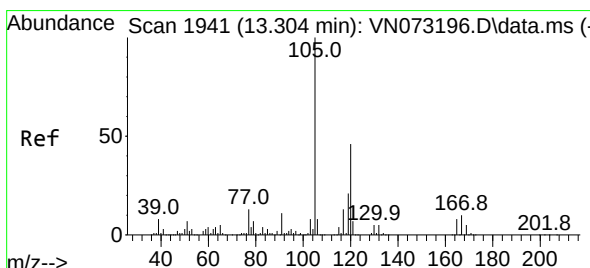
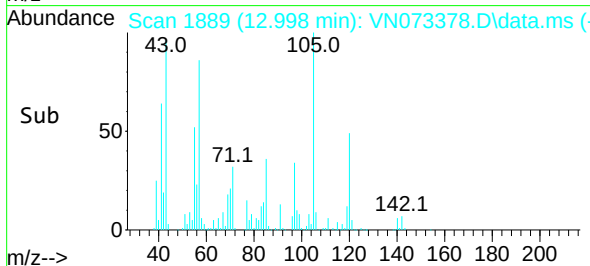
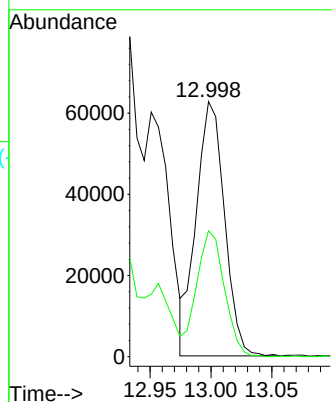
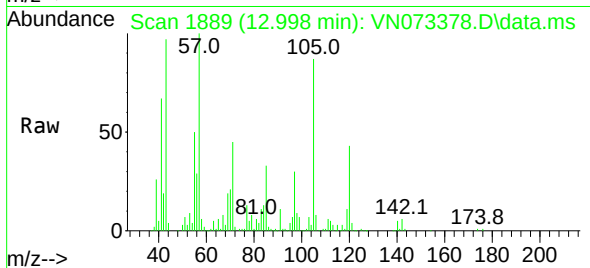
31268

Tgt Ion:105 Resp: 101325

Ion Ratio Lower Upper

105 100

120 48.8 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 24.824 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VN073378.D

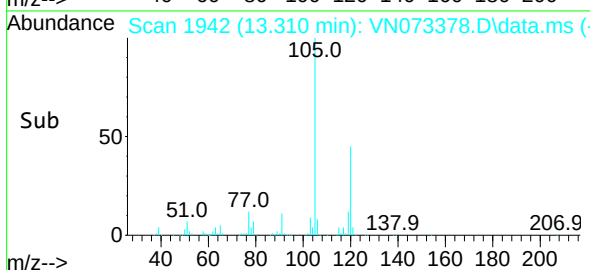
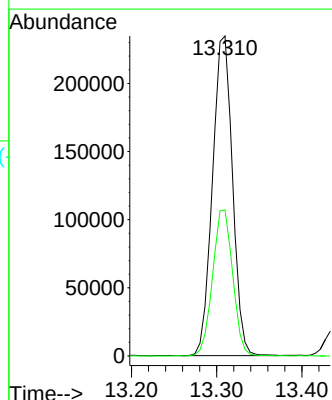
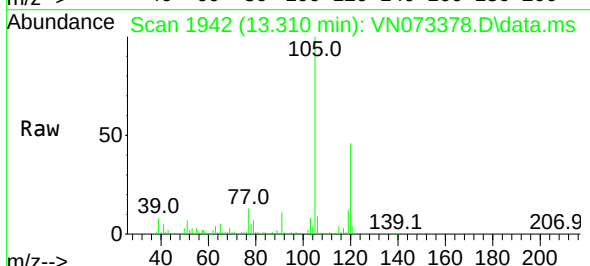
Acq: 07 Jul 2022 17:59

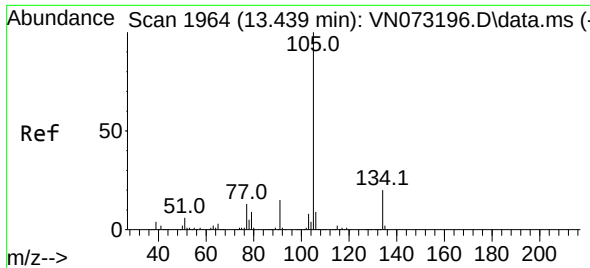
Tgt Ion:105 Resp: 382713

Ion Ratio Lower Upper

105 100

120 46.1 23.3 69.8

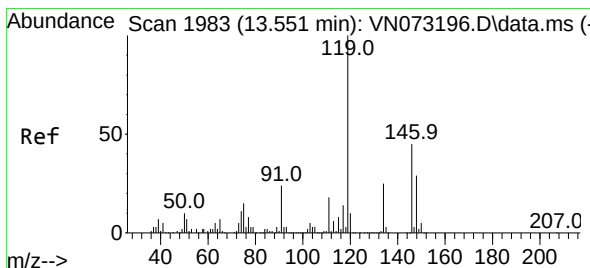
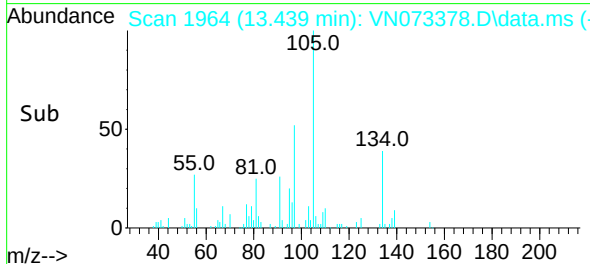
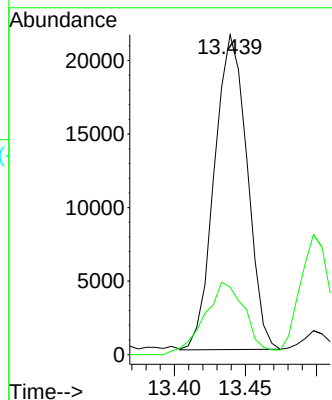
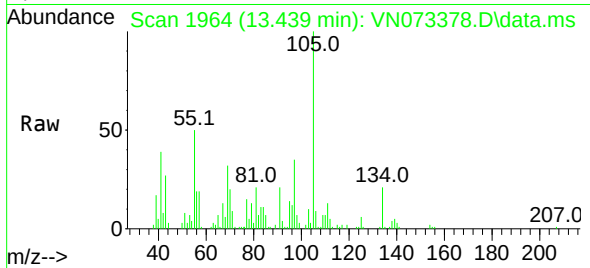




#85
 sec-Butylbenzene
 Concen: 1.847 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073378.D
 Acq: 07 Jul 2022 17:59

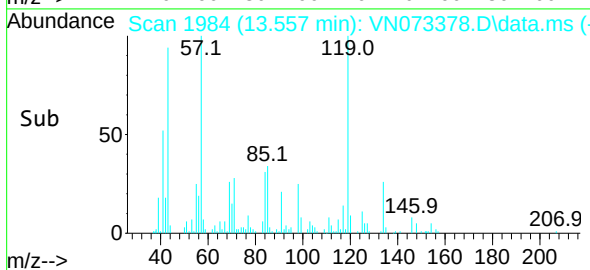
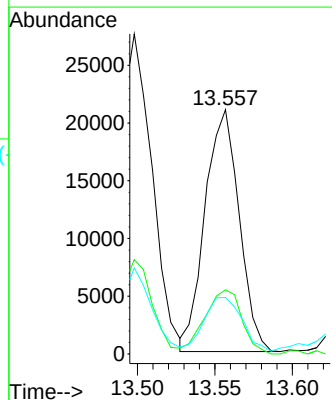
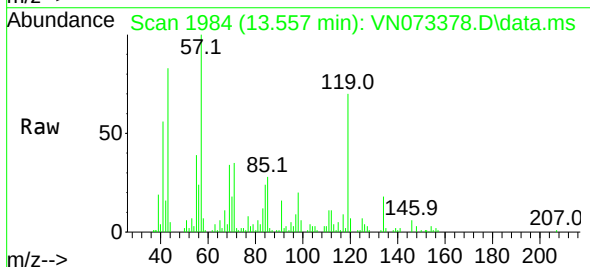
Instrument :
 MSVOA_N
 ClientSampleId :
 31268

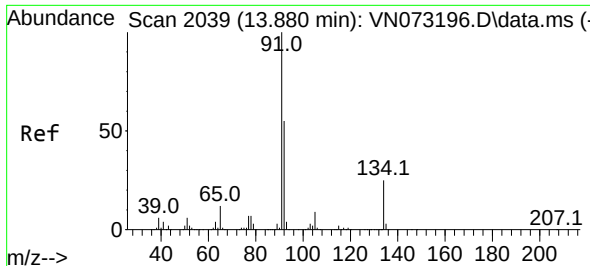
Tgt Ion:105 Resp: 34336
 Ion Ratio Lower Upper
 105 100
 134 28.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 2.136 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073378.D
 Acq: 07 Jul 2022 17:59

Tgt Ion:119 Resp: 32069
 Ion Ratio Lower Upper
 119 100
 134 28.7 13.3 39.8
 91 24.7 11.3 33.9

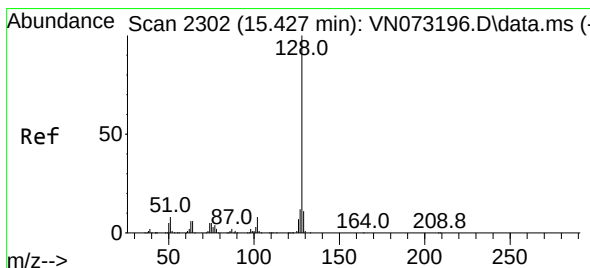
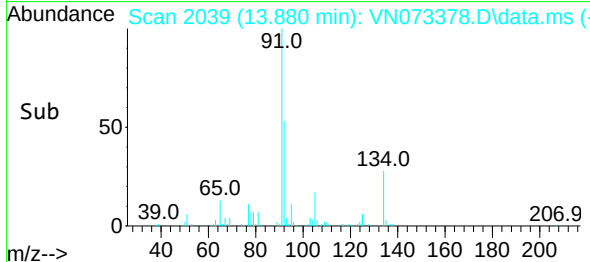
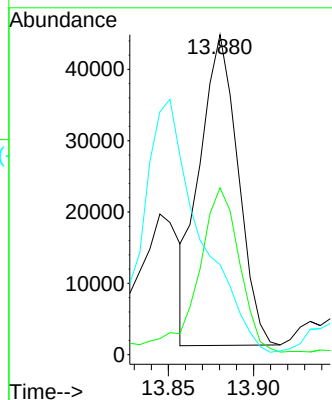
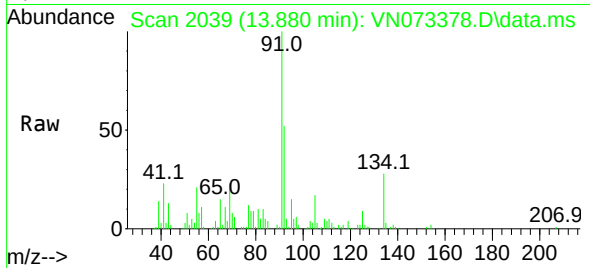




#89
n-Butylbenzene
Concen: 5.444 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Instrument :
MSVOA_N
ClientSampleId :
31268

Tgt Ion: 91 Resp: 68121
Ion Ratio Lower Upper
91 100
92 56.8 26.9 80.7
134 0.0 13.6 40.8#



#95
Naphthalene
Concen: 11.714 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 128 Resp: 198060
Ion Ratio Lower Upper
128 100
127 18.0 10.3 15.5#
129 13.7 8.6 13.0#

