

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075375.D
 Acq On : 22 Nov 2022 18:07
 Operator : JC\MD
 Sample : N5644-01
 Misc : 1.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 102122

Quant Time: Nov 23 07:13:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107012	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	45836	52.868	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.740%
35) Dibromofluoromethane	8.171	113	53722	50.143	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.280%
50) Toluene-d8	10.565	98	124534	51.609	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.220%
62) 4-Bromofluorobenzene	12.847	95	85779	48.161	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.320%

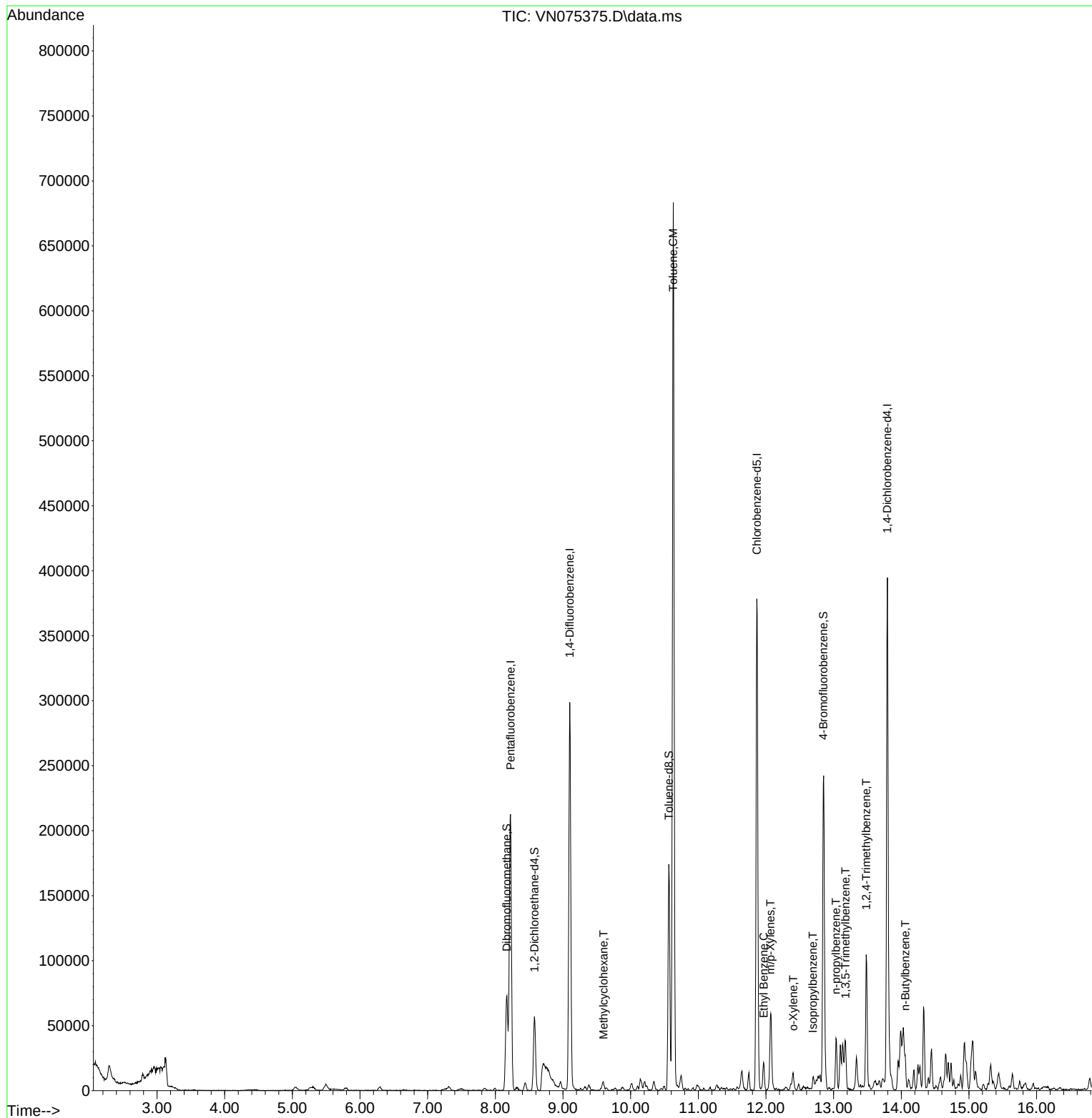
Target Compounds						Qvalue
39) Methylcyclohexane	9.600	83	2264	0.774	ug/l	93
52) Toluene	10.630	92	310722	67.406	ug/l	99
67) Ethyl Benzene	11.965	91	14696	1.757	ug/l	95
68) m/p-Xylenes	12.065	106	16795	4.945	ug/l	98
69) o-Xylene	12.406	106	3330	0.987	ug/l	89
73) Isopropylbenzene	12.694	105	7136	0.913	ug/l	100
78) n-propylbenzene	13.035	91	33147	3.799	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	18319	2.820	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	61050	9.370	ug/l	100
89) n-Butylbenzene	14.059	91	18405	3.223	ug/l #	74

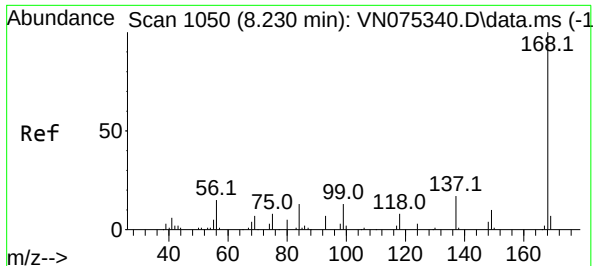
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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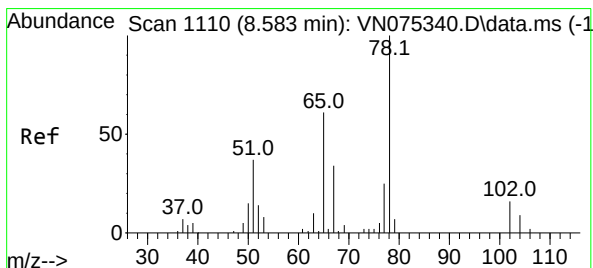
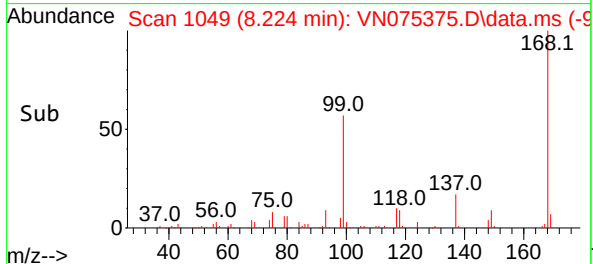
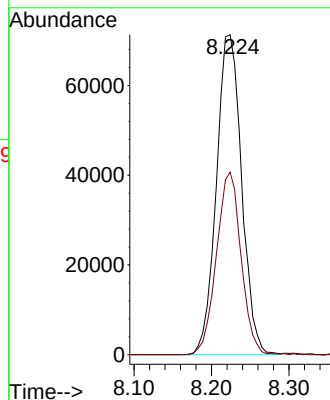
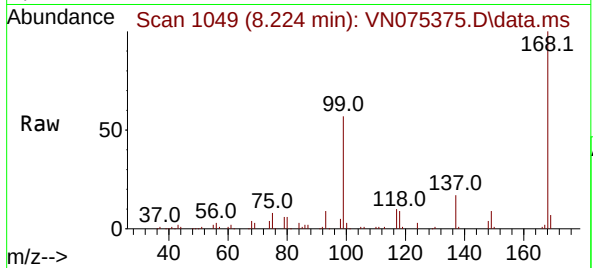




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN075375.D
Acq: 22 Nov 2022 18:07

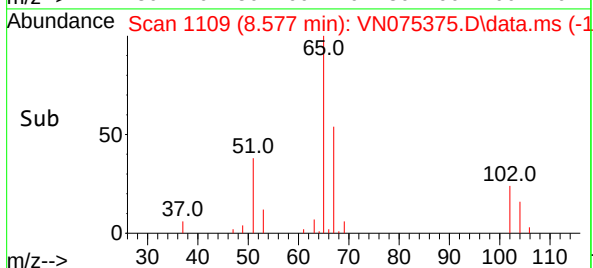
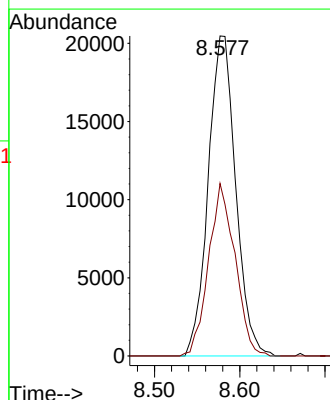
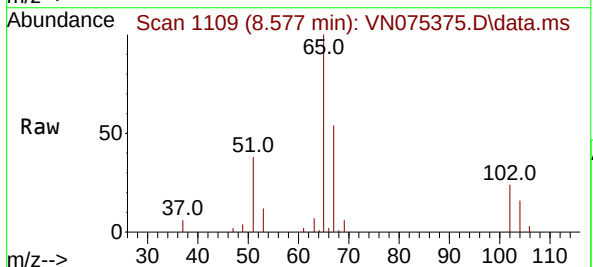
Instrument :
MSVOA_N
ClientSampleId :
102122

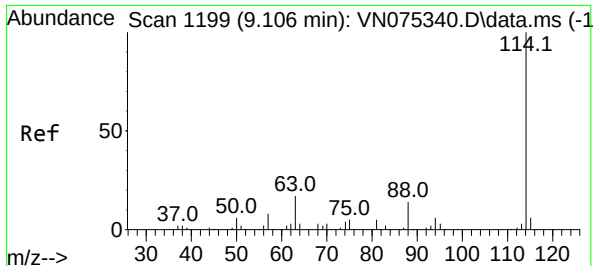
Tgt Ion:168 Resp: 161516
Ion Ratio Lower Upper
168 100
99 57.1 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 52.868 ug/l
RT: 8.577 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN075375.D
Acq: 22 Nov 2022 18:07

Tgt Ion: 65 Resp: 45836
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN075375.D

Acq: 22 Nov 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

102122

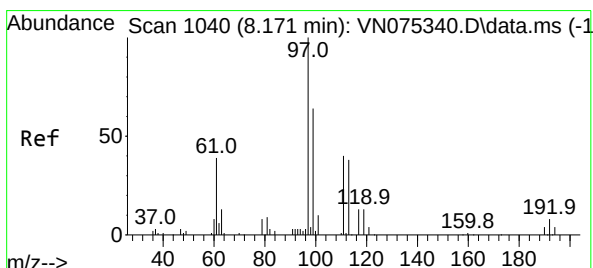
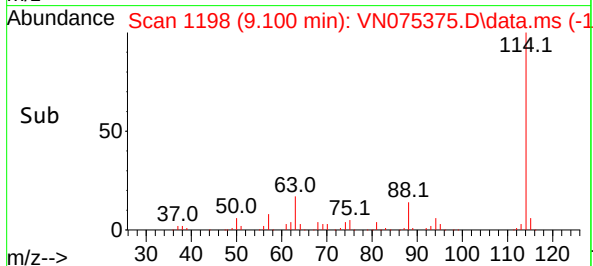
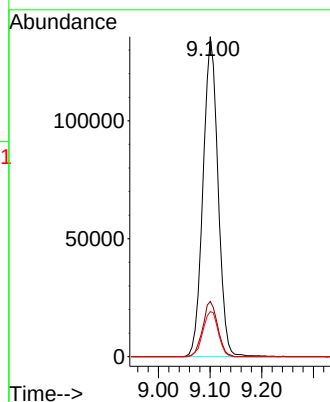
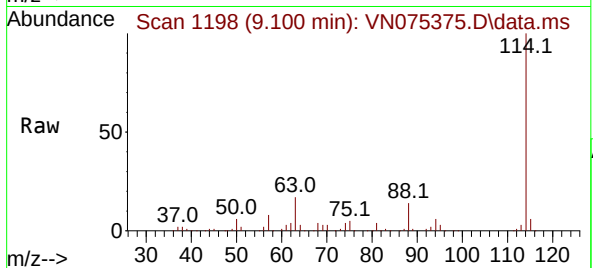
Tgt Ion:114 Resp: 272729

Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.143 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075375.D

Acq: 22 Nov 2022 18:07

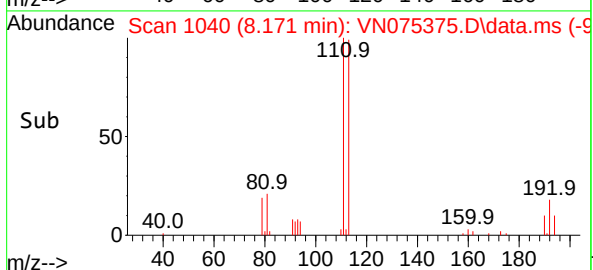
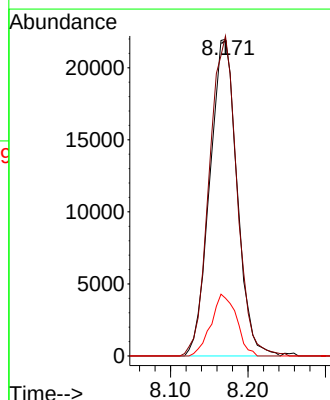
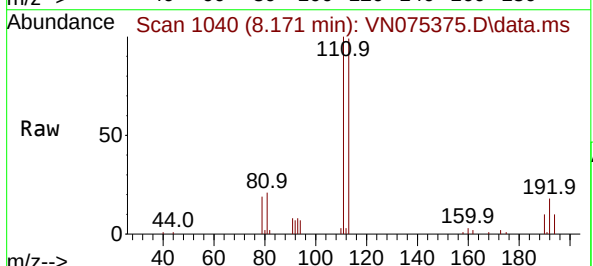
Tgt Ion:113 Resp: 53722

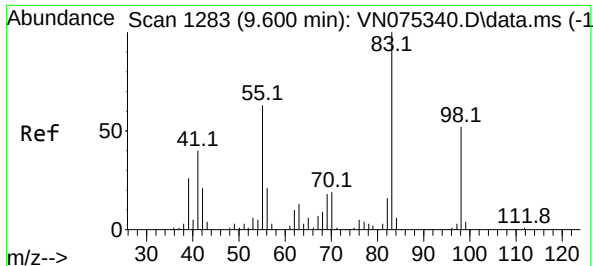
Ion Ratio Lower Upper

113 100

111 102.3 80.5 120.7

192 18.2 13.2 19.8





#39

Methylcyclohexane

Concen: 0.774 ug/l

RT: 9.600 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VN075375.D

Acq: 22 Nov 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

102122

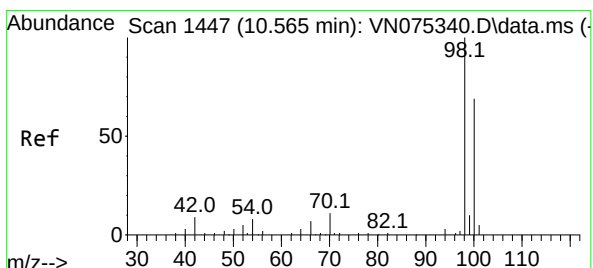
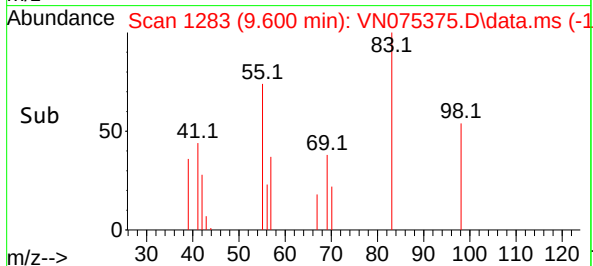
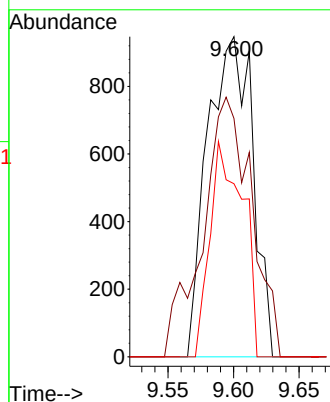
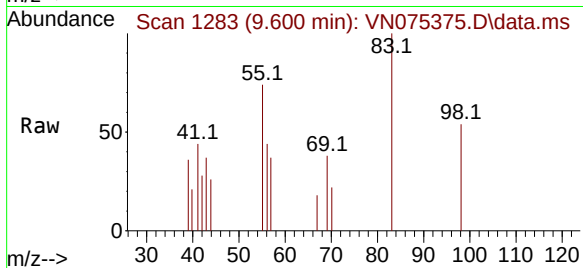
Tgt Ion: 83 Resp: 2264

Ion Ratio Lower Upper

83 100

55 74.4 53.6 80.4

98 54.1 41.1 61.7



#50

Toluene-d8

Concen: 51.609 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN075375.D

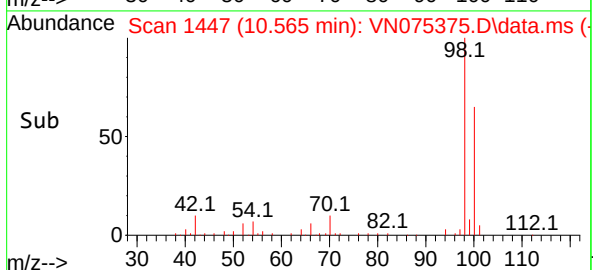
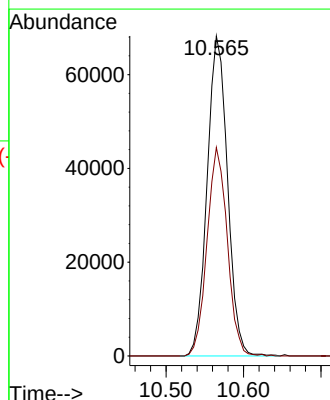
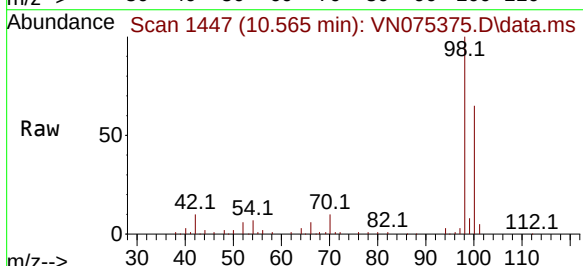
Acq: 22 Nov 2022 18:07

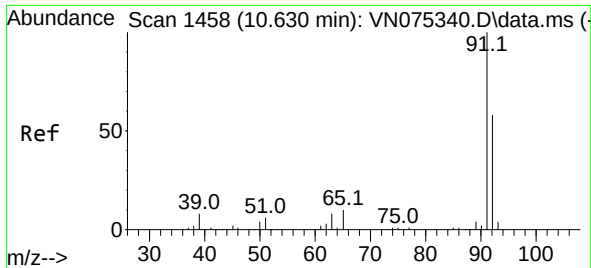
Tgt Ion: 98 Resp: 124534

Ion Ratio Lower Upper

98 100

100 64.8 53.0 79.6

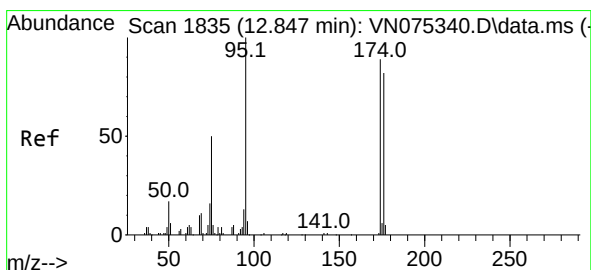
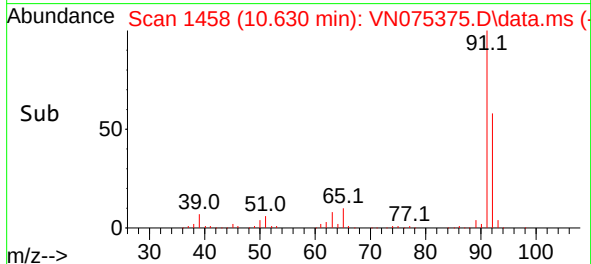
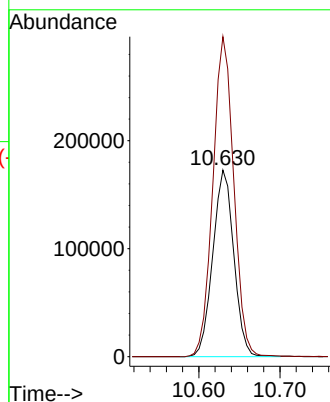
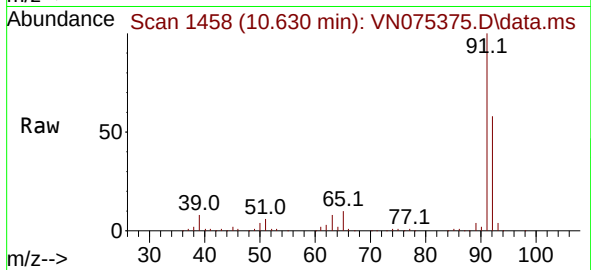




#52
Toluene
Concen: 67.406 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075375.D
Acq: 22 Nov 2022 18:07

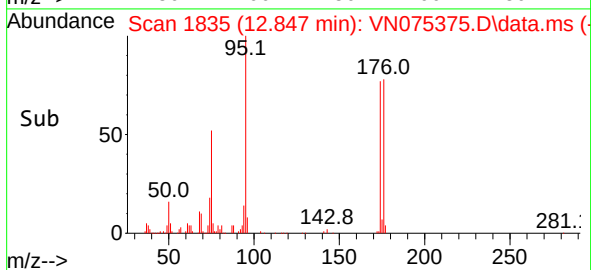
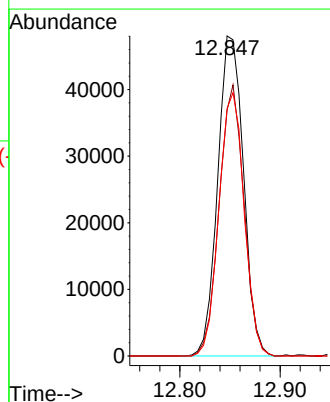
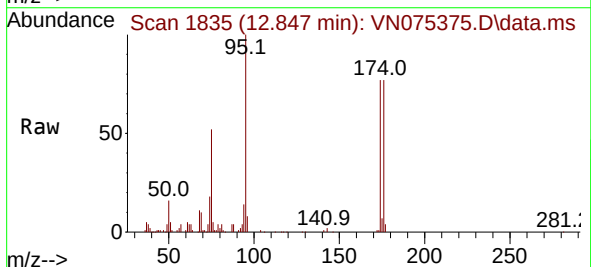
Instrument :
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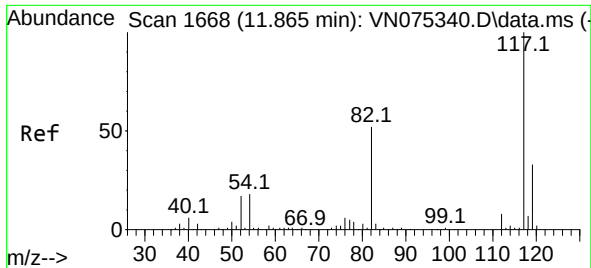
Tgt Ion: 92 Resp: 310722
Ion Ratio Lower Upper
92 100
91 170.8 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 48.161 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075375.D
Acq: 22 Nov 2022 18:07

Tgt Ion: 95 Resp: 85779
Ion Ratio Lower Upper
95 100
174 81.2 0.0 147.4
176 80.5 0.0 142.2

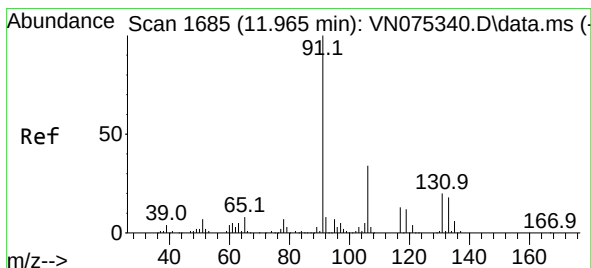
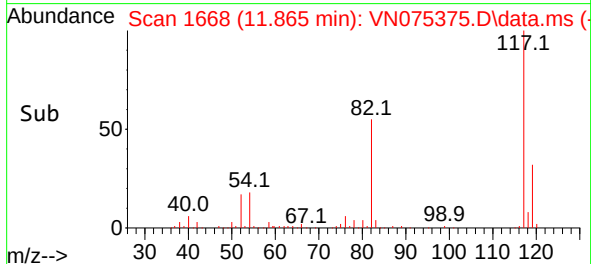
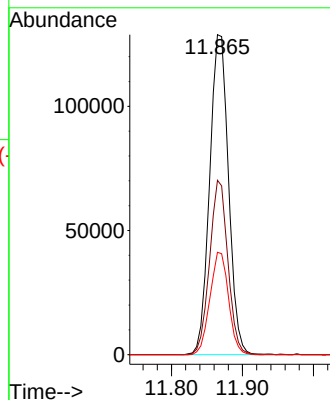
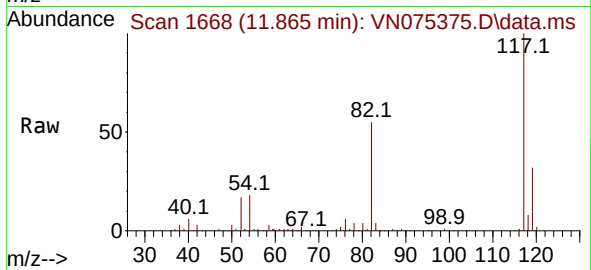




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075375.D
Acq: 22 Nov 2022 18:07

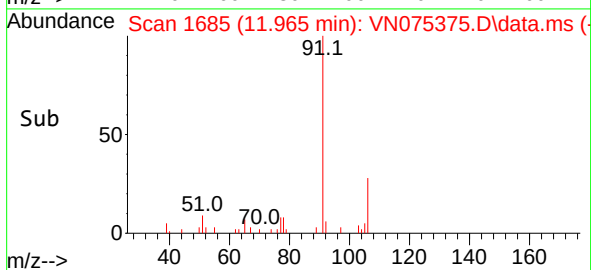
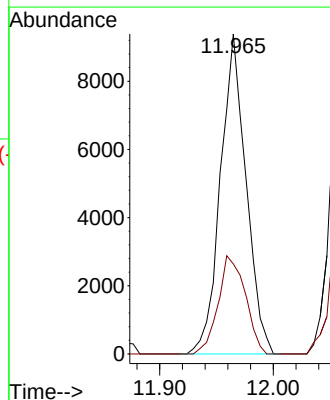
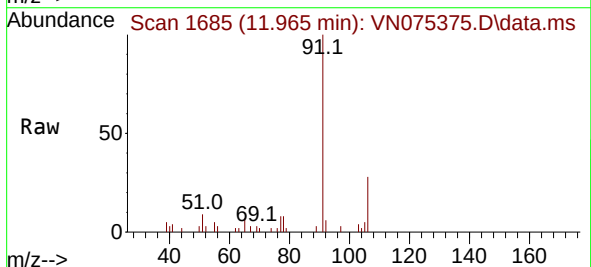
Instrument :
MSVOA_N
ClientSampleId :
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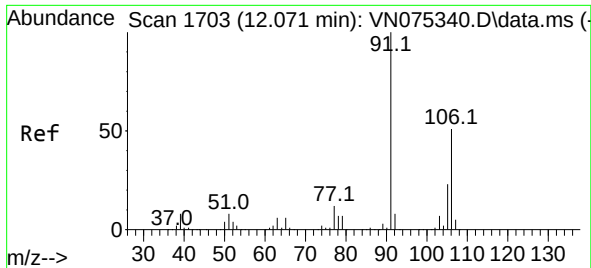
Tgt Ion:117 Resp: 237361
Ion Ratio Lower Upper
117 100
82 54.5 43.1 64.7
119 32.0 25.5 38.3



#67
Ethyl Benzene
Concen: 1.757 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075375.D
Acq: 22 Nov 2022 18:07

Tgt Ion: 91 Resp: 14696
Ion Ratio Lower Upper
91 100
106 28.2 24.9 37.3

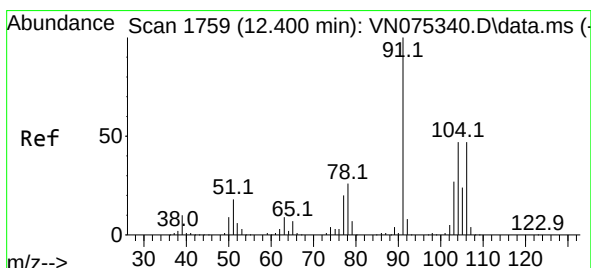
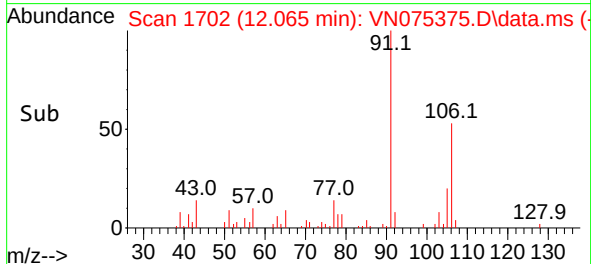
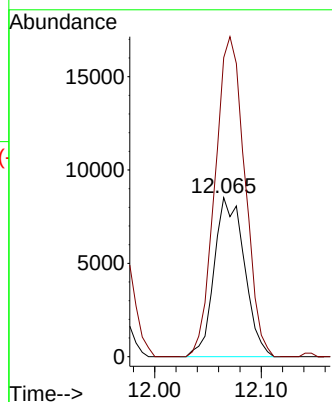
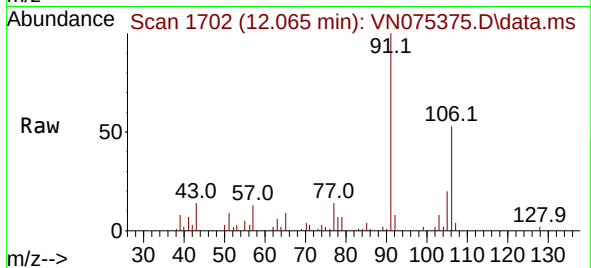




#68
m/p-Xylenes
Concen: 4.945 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN075375.D
Acq: 22 Nov 2022 18:07

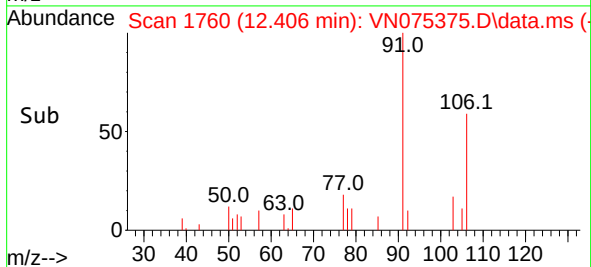
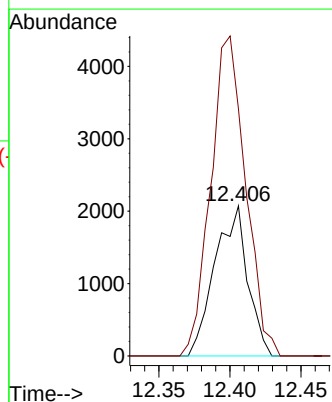
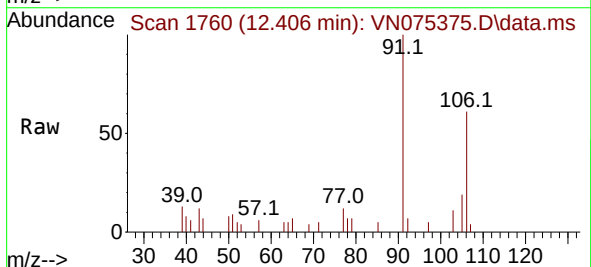
Instrument :
MSVOA_N
ClientSampleId :
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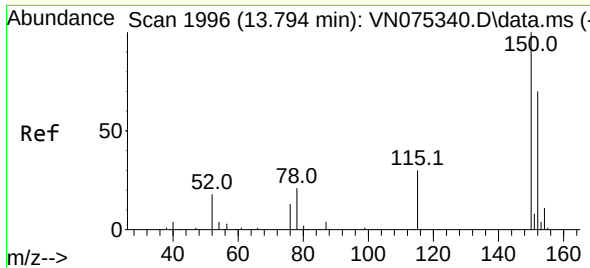
Tgt Ion:106 Resp: 16795
Ion Ratio Lower Upper
106 100
91 198.4 156.0 234.0



#69
o-Xylene
Concen: 0.987 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN075375.D
Acq: 22 Nov 2022 18:07

Tgt Ion:106 Resp: 3330
Ion Ratio Lower Upper
106 100
91 226.8 105.2 315.5

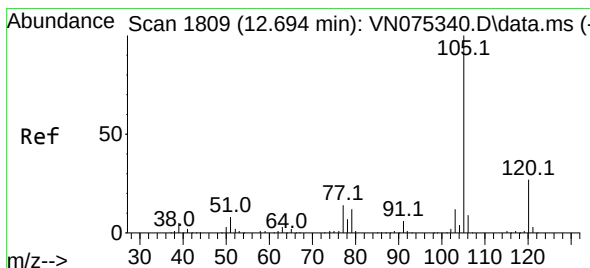
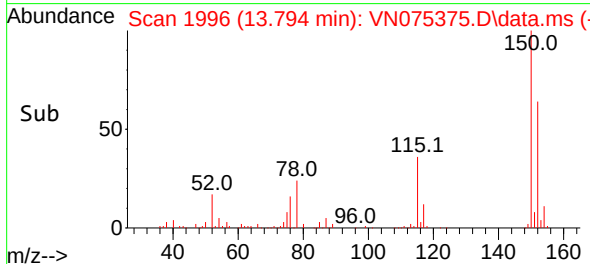
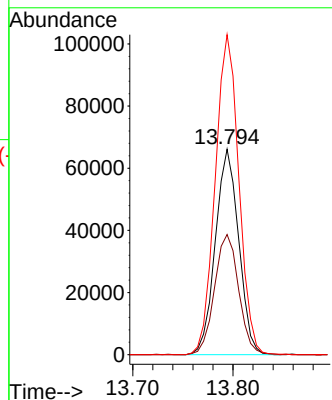
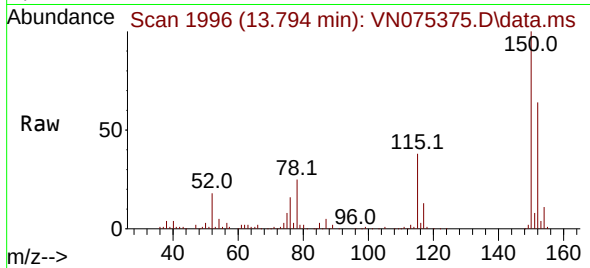




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075375.D
 Acq: 22 Nov 2022 18:07

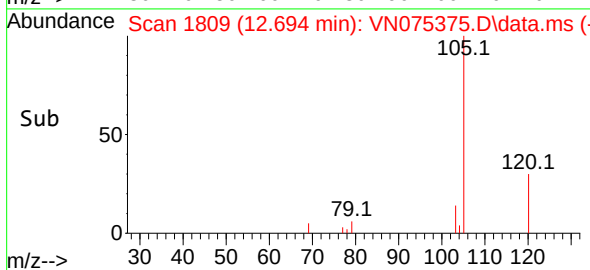
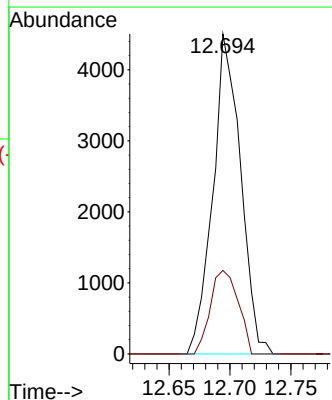
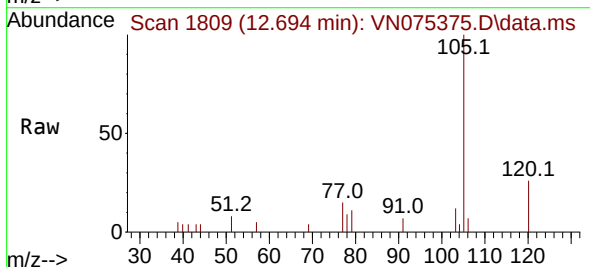
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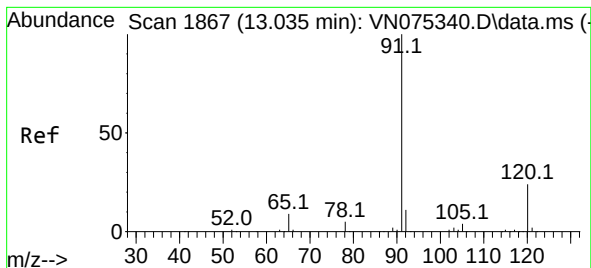
Tgt Ion:152 Resp: 107012
 Ion Ratio Lower Upper
 152 100
 115 60.5 30.2 90.6
 150 157.4 0.0 348.4



#73
 Isopropylbenzene
 Concen: 0.913 ug/l
 RT: 12.694 min Scan# 1809
 Delta R.T. 0.000 min
 Lab File: VN075375.D
 Acq: 22 Nov 2022 18:07

Tgt Ion:105 Resp: 7136
 Ion Ratio Lower Upper
 105 100
 120 26.2 13.1 39.1





#78

n-propylbenzene

Concen: 3.799 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN075375.D

Acq: 22 Nov 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

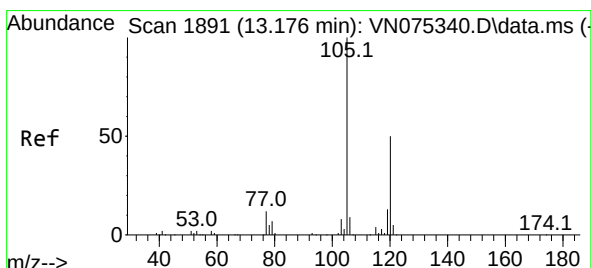
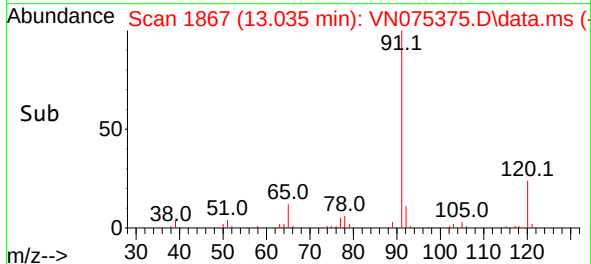
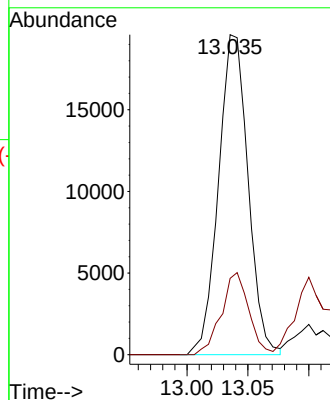
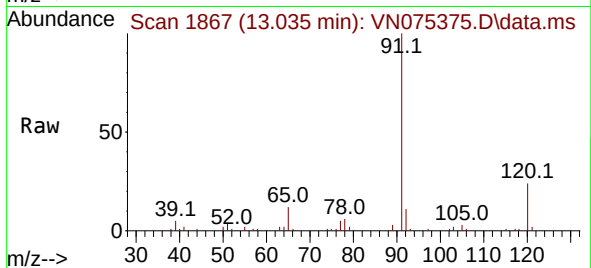
102122

Tgt Ion: 91 Resp: 33147

Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 2.820 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075375.D

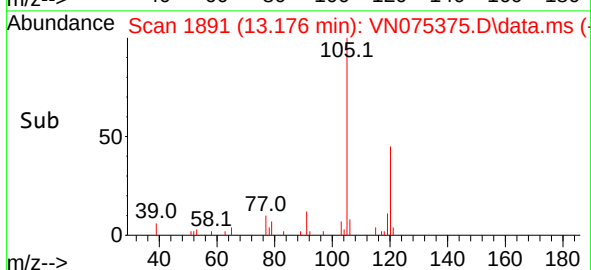
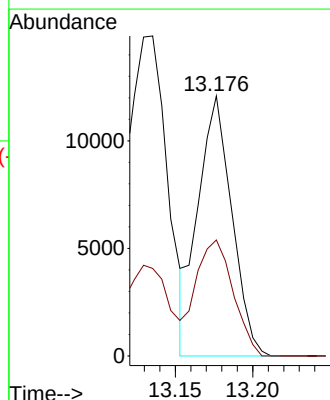
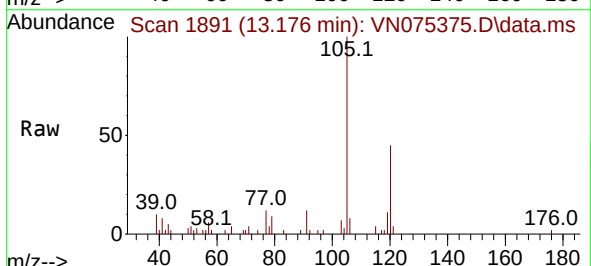
Acq: 22 Nov 2022 18:07

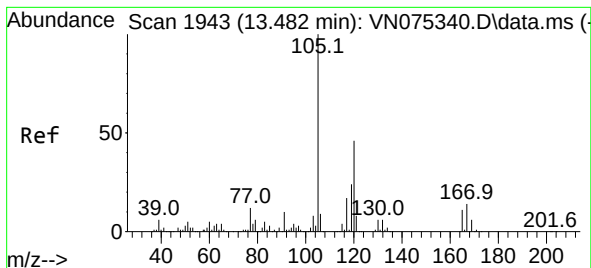
Tgt Ion:105 Resp: 18319

Ion Ratio Lower Upper

105 100

120 49.3 24.7 74.1





#84

1,2,4-Trimethylbenzene

Concen: 9.370 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075375.D

Acq: 22 Nov 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

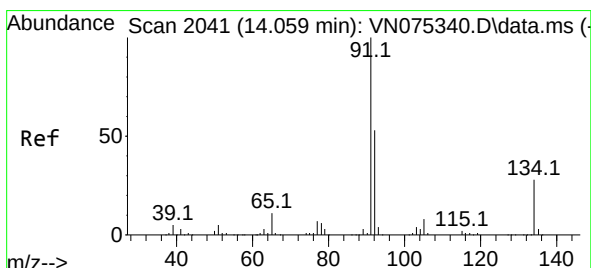
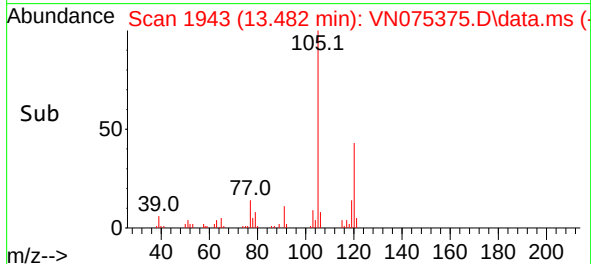
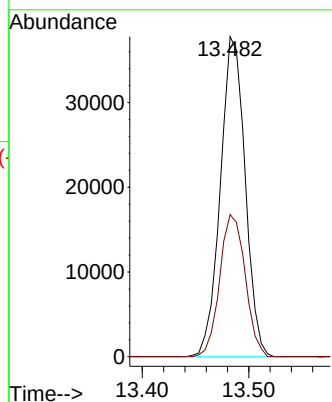
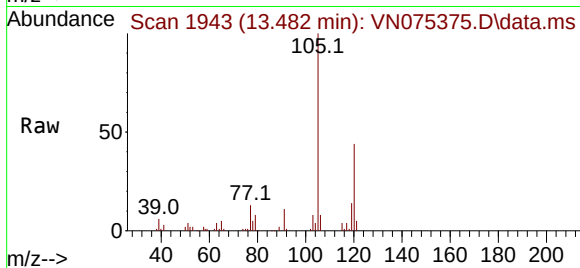
102122

Tgt Ion:105 Resp: 61050

Ion Ratio Lower Upper

105 100

120 45.6 22.7 68.1



#89

n-Butylbenzene

Concen: 3.223 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075375.D

Acq: 22 Nov 2022 18:07

Tgt Ion: 91 Resp: 18405

Ion Ratio Lower Upper

91 100

92 43.3 26.5 79.4

134 0.0 13.0 39.0#

