

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
 Data File : VN075254.D
 Acq On : 11 Nov 2022 17:41
 Operator : JC\MD
 Sample : N5582-06 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31880

Quant Time: Nov 14 03:48:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

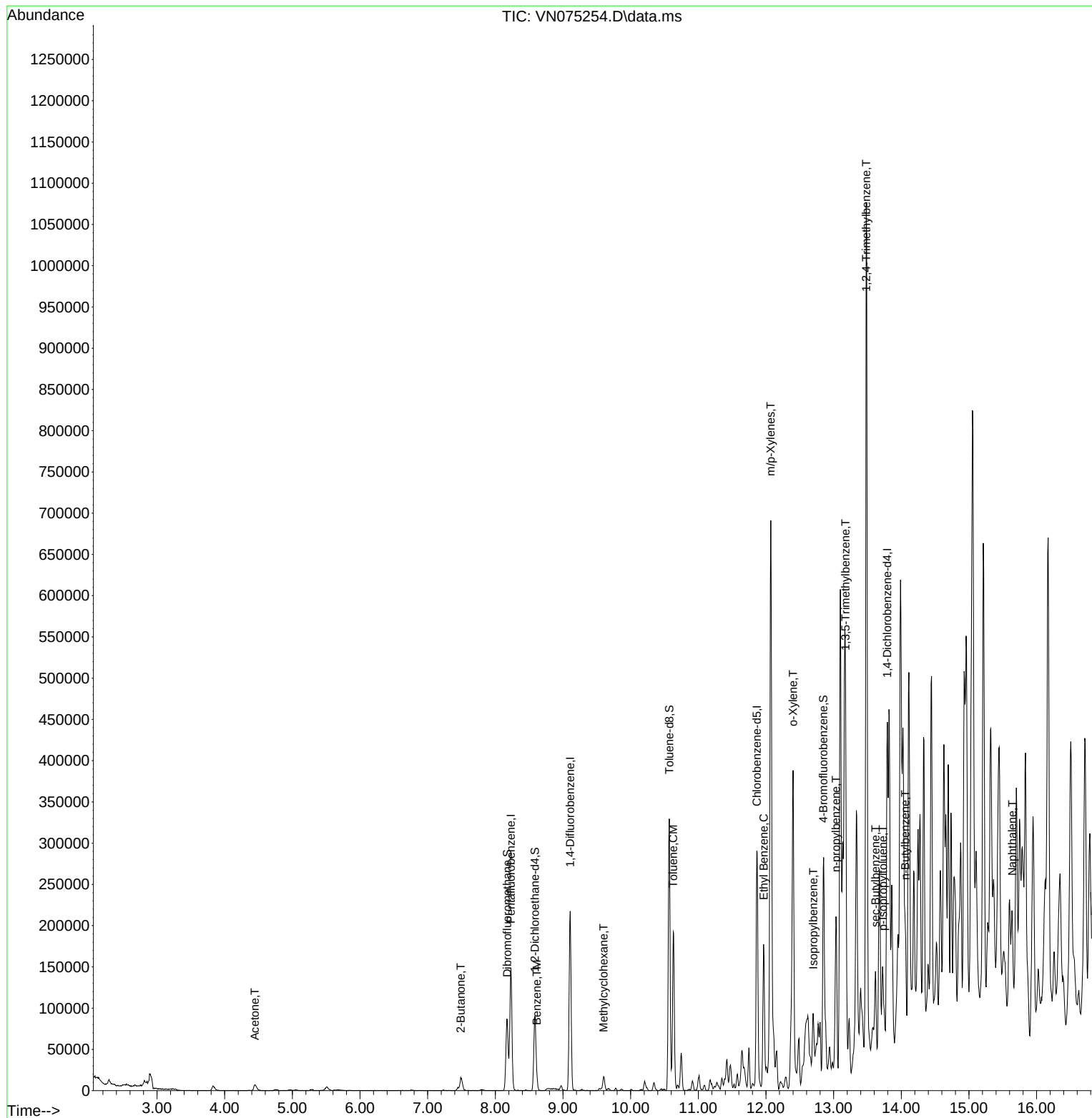
Internal Standards						
1) Pentafluorobenzene	8.229	168	105572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	192987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	177589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	73239	51.488	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.980%	
35) Dibromofluoromethane	8.177	113	63135	55.727	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.460%	
50) Toluene-d8	10.570	98	220950	50.268	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.540%	
62) 4-Bromofluorobenzene	12.847	95	95327	61.739	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 123.480%#	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	13807	22.924	ug/l	98
25) 2-Butanone	7.488	43	24635	26.004	ug/l	100
39) Methylcyclohexane	9.600	83	7519	3.247	ug/l	93
40) Benzene	8.612	78	8974	1.671	ug/l	99
52) Toluene	10.629	92	87785	24.453	ug/l	100
67) Ethyl Benzene	11.965	91	121389	17.799	ug/l	96
68) m/p-Xylenes	12.070	106	173730	63.486	ug/l	98
69) o-Xylene	12.400	106	102890	38.019	ug/l	99
73) Isopropylbenzene	12.700	105	39734	4.944	ug/l	99
78) n-propylbenzene	13.035	91	136105	15.083	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	148112	21.940	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	615751	90.149	ug/l	98
85) sec-Butylbenzene	13.617	105	59280	7.064	ug/l	88
86) p-Isopropyltoluene	13.729	119	36940	5.330	ug/l	99
89) n-Butylbenzene	14.059	91	81102	14.532	ug/l #	80
95) Naphthalene	15.641	128	78277	13.731	ug/l	97

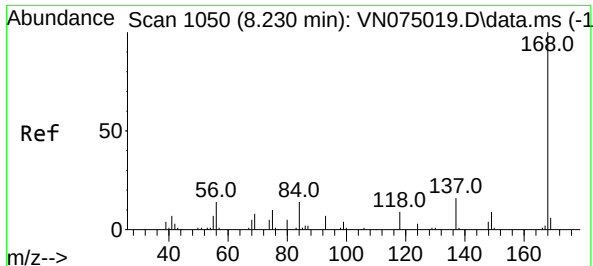
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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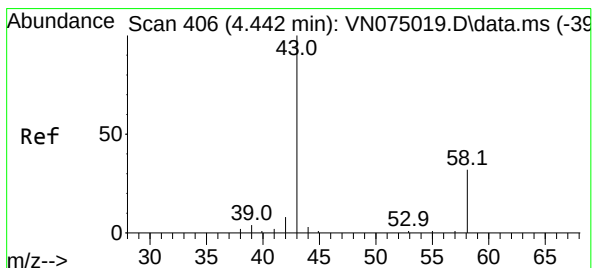
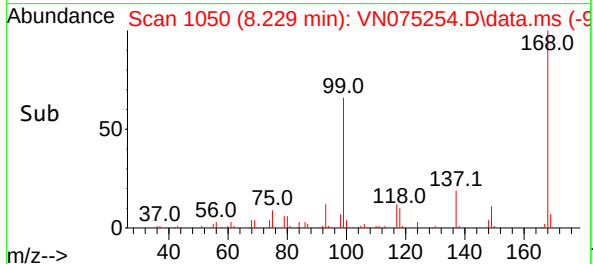
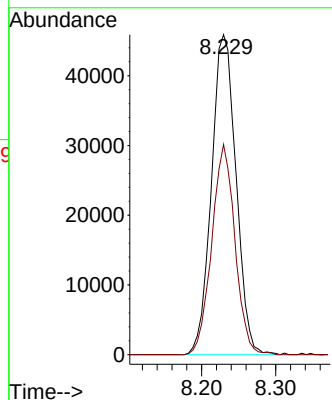
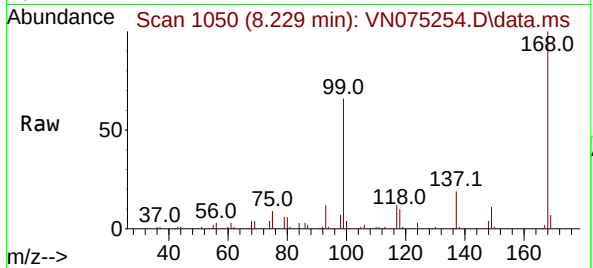




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075254.D
Acq: 11 Nov 2022 17:41

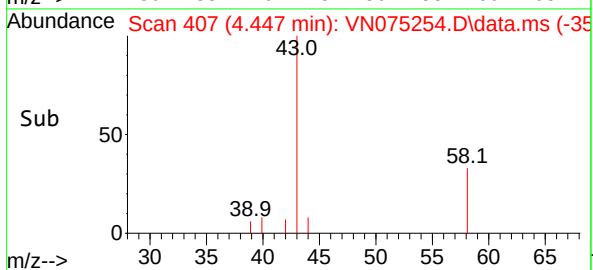
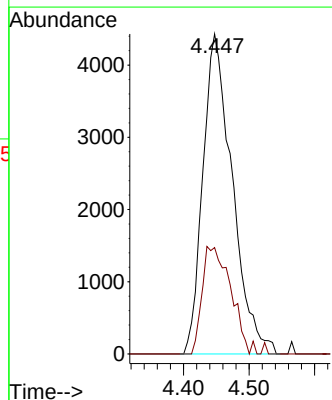
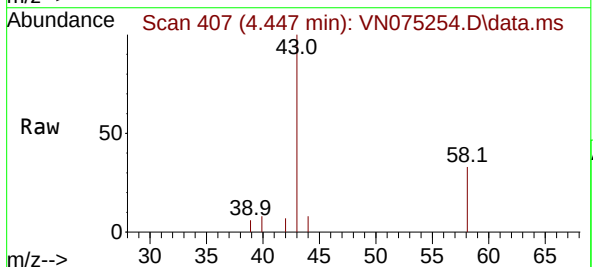
Instrument :
MSVOA_N
ClientSampleId :
31880

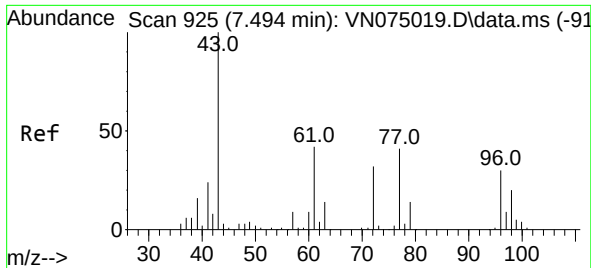
Tgt Ion:168 Resp: 105572
Ion Ratio Lower Upper
168 100
99 65.7 51.6 77.4



#16
Acetone
Concen: 22.924 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN075254.D
Acq: 11 Nov 2022 17:41

Tgt Ion: 43 Resp: 13807
Ion Ratio Lower Upper
43 100
58 33.2 25.5 38.3

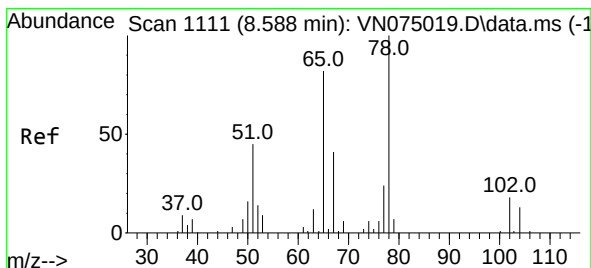
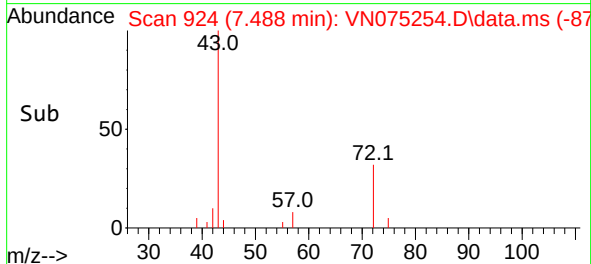
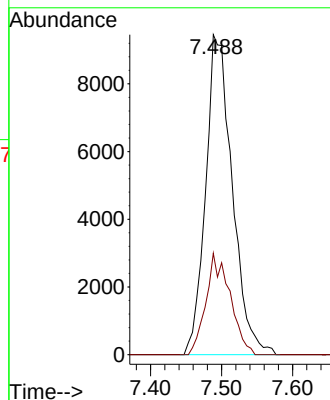
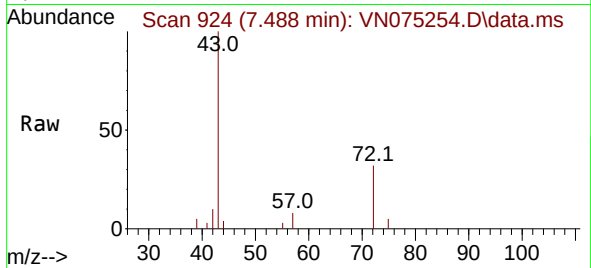




#25
2-Butanone
Concen: 26.004 ug/l
RT: 7.488 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN075254.D
Acq: 11 Nov 2022 17:41

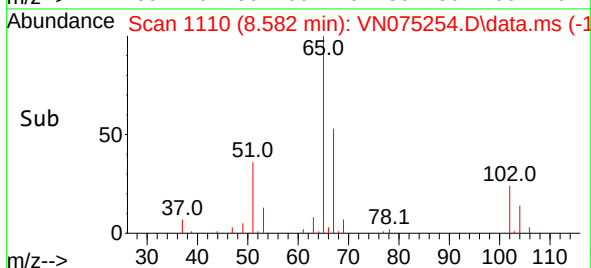
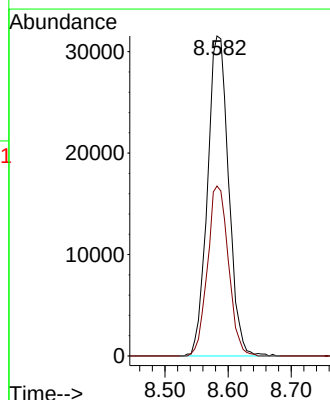
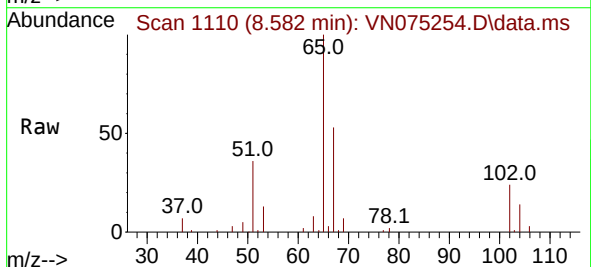
Instrument :
MSVOA_N
ClientSampleId :
31880

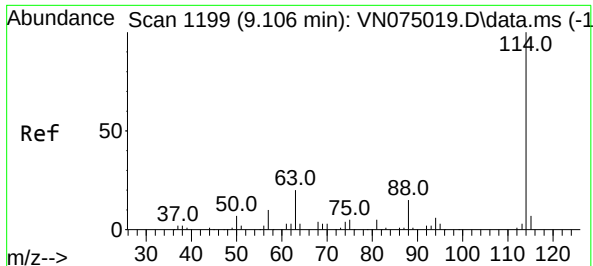
Tgt Ion: 43 Resp: 24635
Ion Ratio Lower Upper
43 100
72 31.7 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 51.488 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075254.D
Acq: 11 Nov 2022 17:41

Tgt Ion: 65 Resp: 73239
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075254.D

Acq: 11 Nov 2022 17:41

Instrument :

MSVOA_N

ClientSampleId :

31880

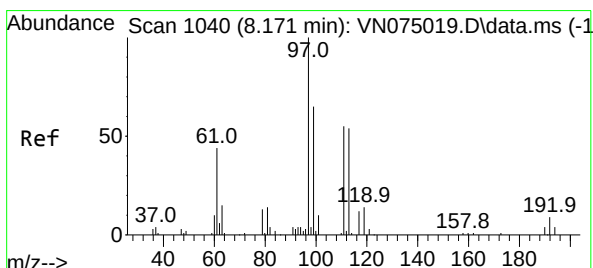
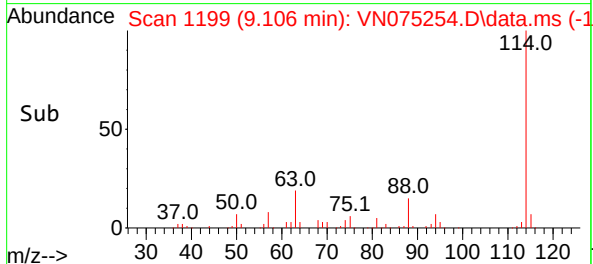
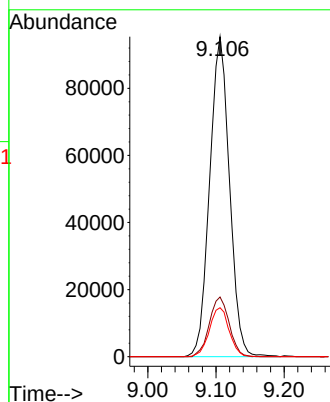
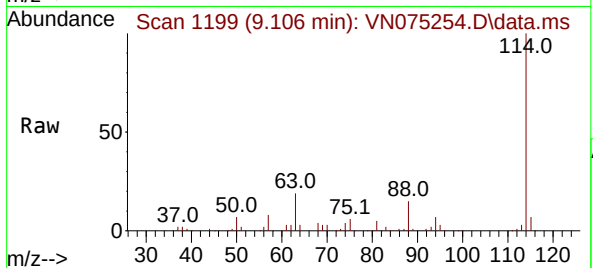
Tgt Ion:114 Resp: 192987

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 15.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 55.727 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075254.D

Acq: 11 Nov 2022 17:41

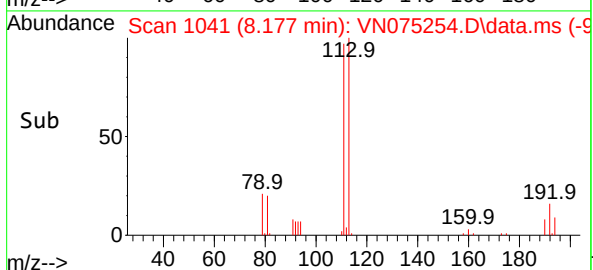
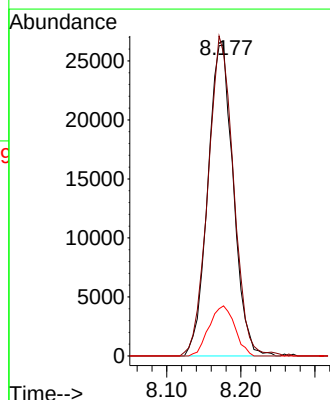
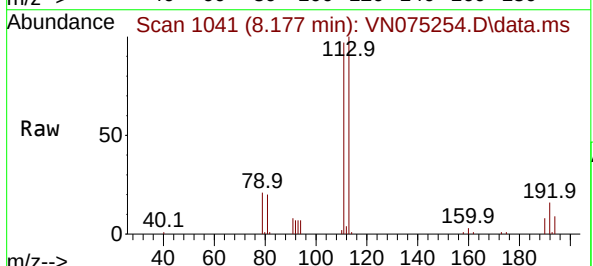
Tgt Ion:113 Resp: 63135

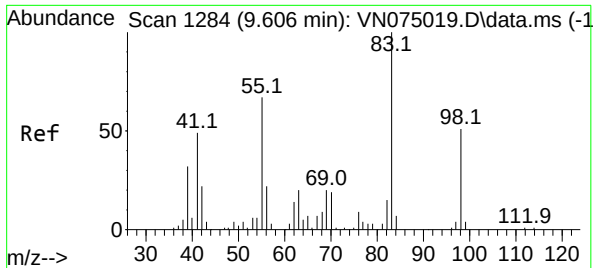
Ion Ratio Lower Upper

113 100

111 102.8 80.5 120.7

192 16.2 13.2 19.8





#39

Methylcyclohexane

Concen: 3.247 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075254.D

Acq: 11 Nov 2022 17:41

Instrument :

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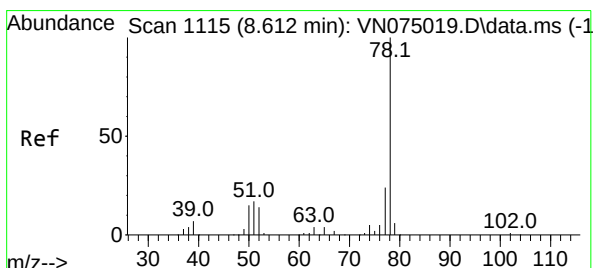
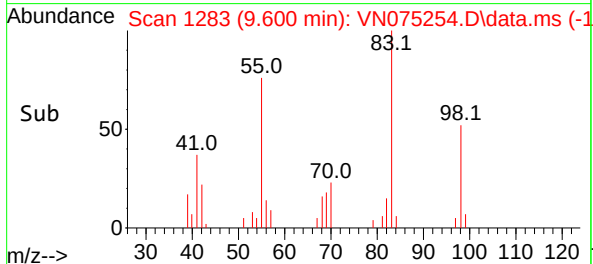
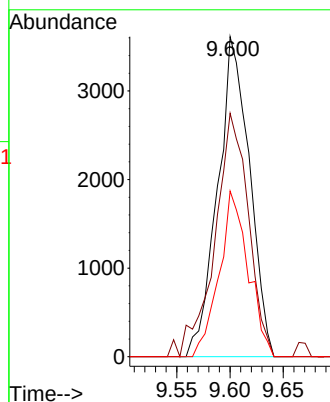
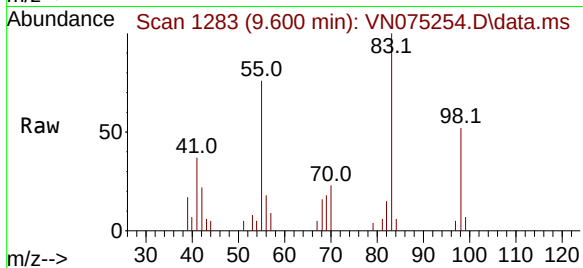
Tgt Ion: 83 Resp: 7519

Ion Ratio Lower Upper

83 100

55 76.0 53.6 80.4

98 51.8 41.1 61.7



#40

Benzene

Concen: 1.671 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075254.D

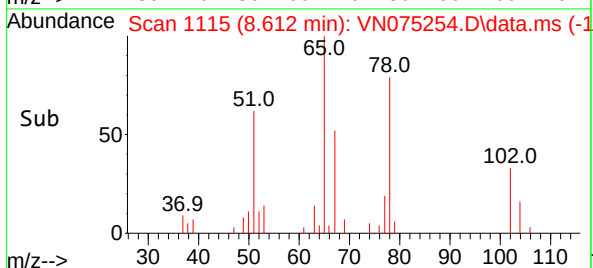
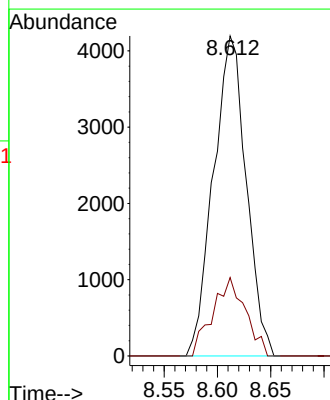
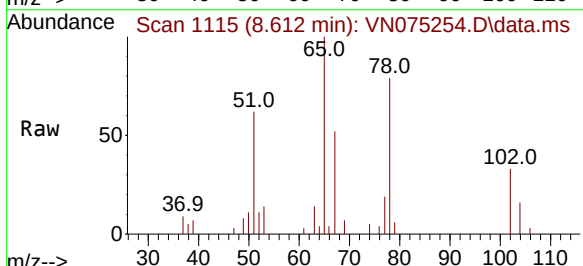
Acq: 11 Nov 2022 17:41

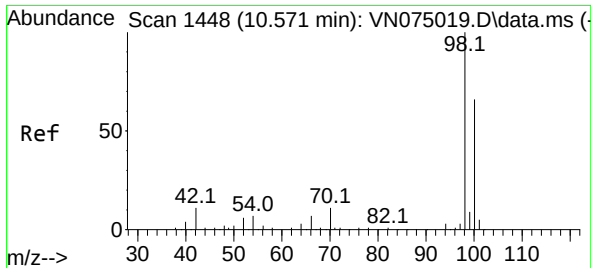
Tgt Ion: 78 Resp: 8974

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0

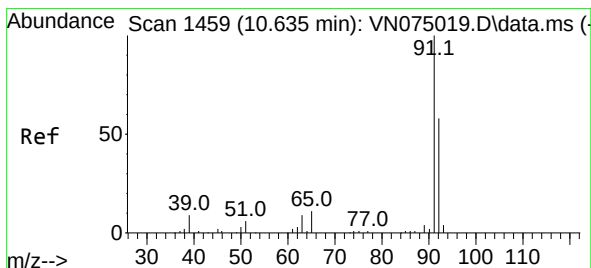
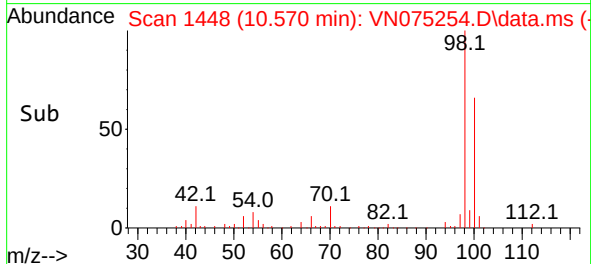
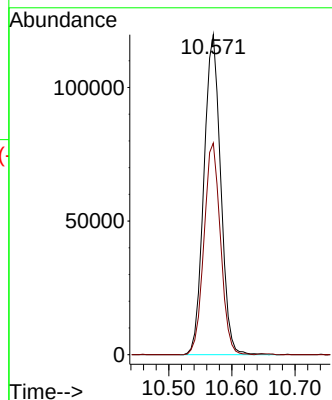
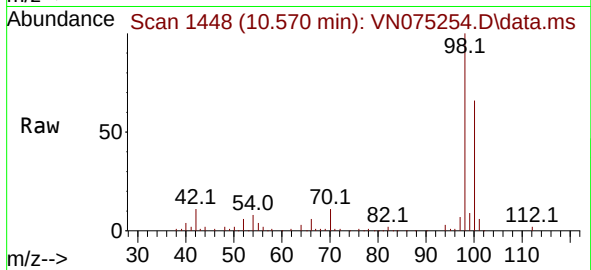




#50
Toluene-d8
Concen: 50.268 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN075254.D
Acq: 11 Nov 2022 17:41

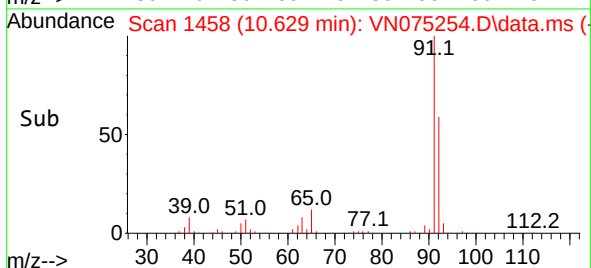
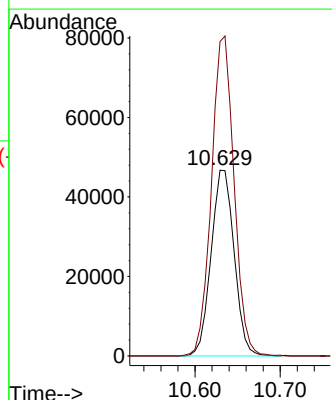
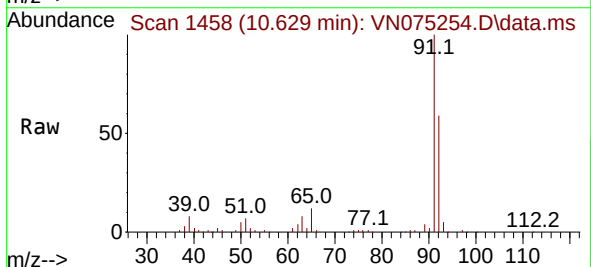
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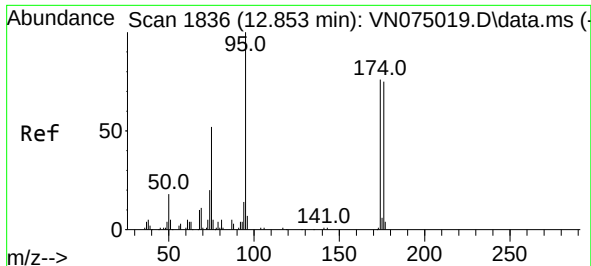
Tgt Ion: 98 Resp: 220950
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.6



#52
Toluene
Concen: 24.453 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075254.D
Acq: 11 Nov 2022 17:41

Tgt Ion: 92 Resp: 87785
Ion Ratio Lower Upper
92 100
91 169.1 135.4 203.2

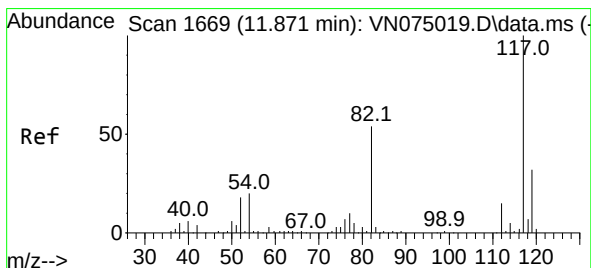
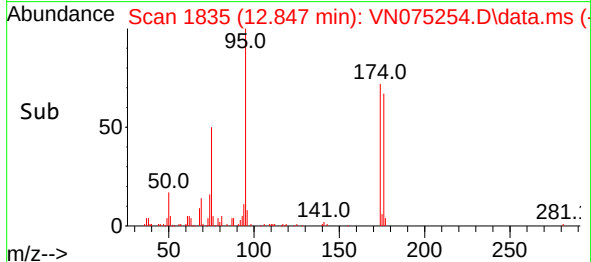
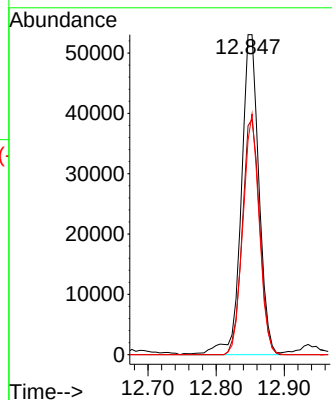
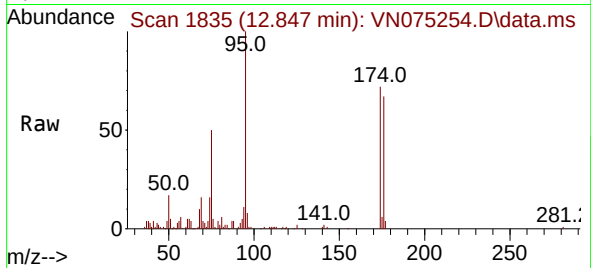




#62
4-Bromofluorobenzene
Concen: 61.739 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075254.D
Acq: 11 Nov 2022 17:41

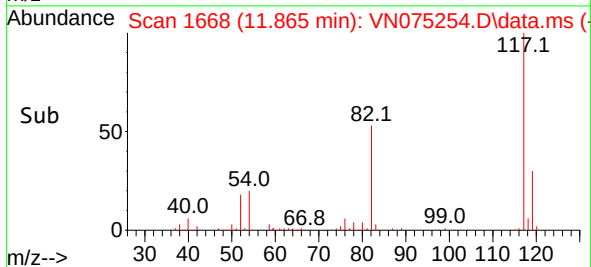
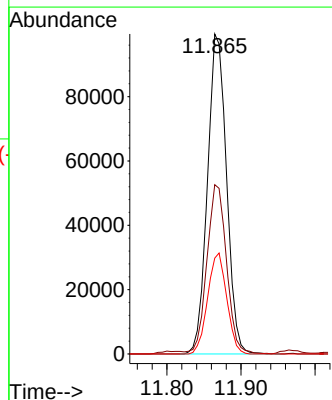
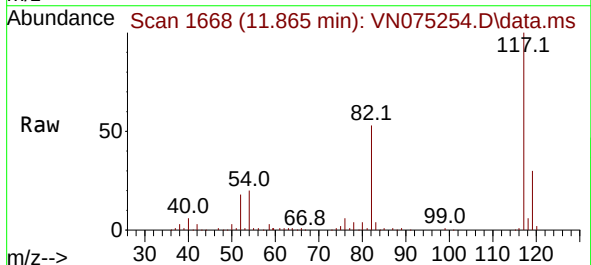
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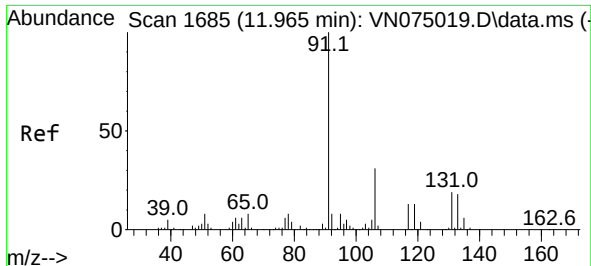
Tgt Ion: 95 Resp: 95327
Ion Ratio Lower Upper
95 100
174 72.1 0.0 147.4
176 69.3 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075254.D
Acq: 11 Nov 2022 17:41

Tgt Ion: 117 Resp: 177589
Ion Ratio Lower Upper
117 100
82 52.1 43.1 64.7
119 30.0 25.5 38.3





#67

Ethyl Benzene

Concen: 17.799 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075254.D

Acq: 11 Nov 2022 17:41

Instrument :

MSVOA_N

ClientSampleId :

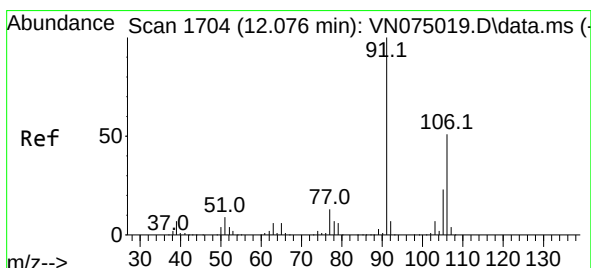
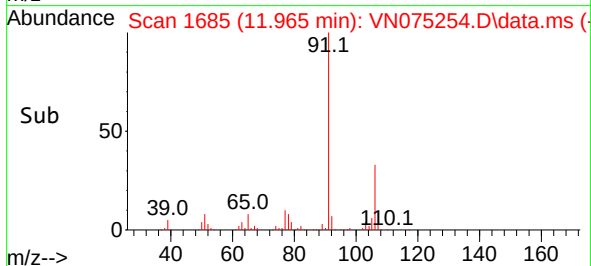
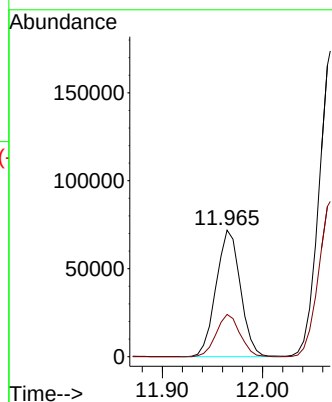
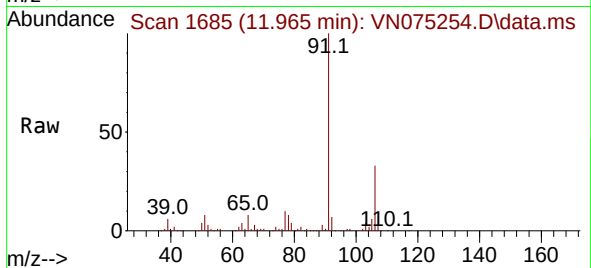
31880

Tgt Ion: 91 Resp: 121389

Ion Ratio Lower Upper

91 100

106 33.4 24.9 37.3



#68

m/p-Xylenes

Concen: 63.486 ug/l

RT: 12.070 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VN075254.D

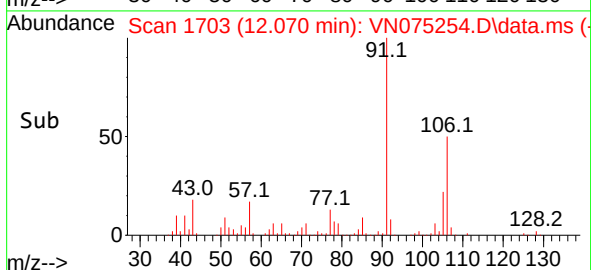
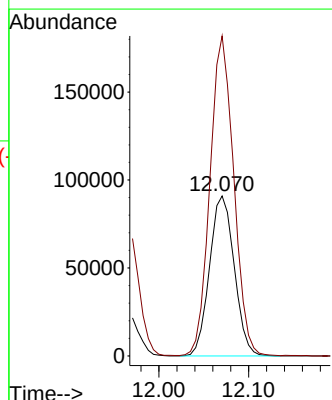
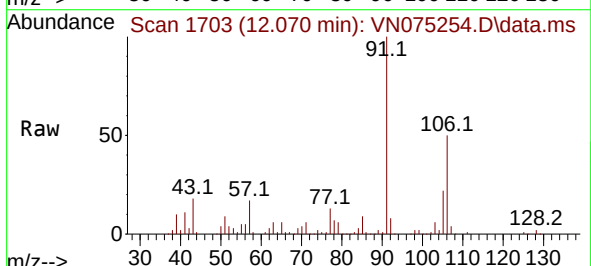
Acq: 11 Nov 2022 17:41

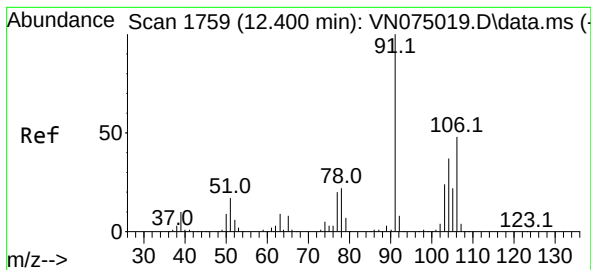
Tgt Ion: 106 Resp: 173730

Ion Ratio Lower Upper

106 100

91 192.5 156.0 234.0

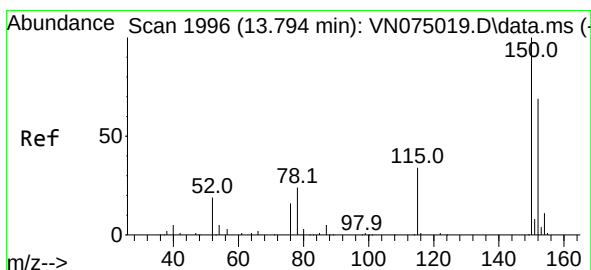
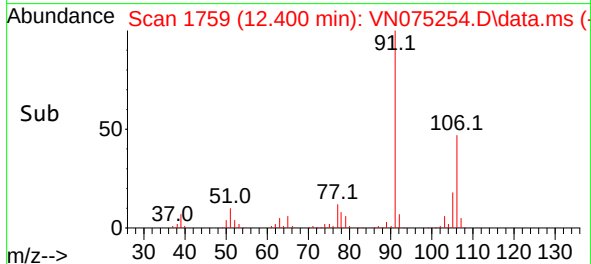
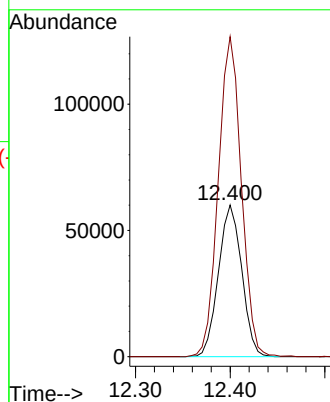
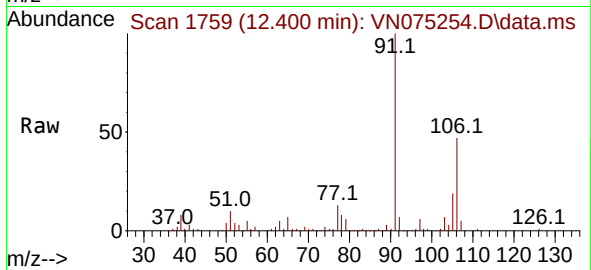




#69
o-Xylene
Concen: 38.019 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075254.D
Acq: 11 Nov 2022 17:41

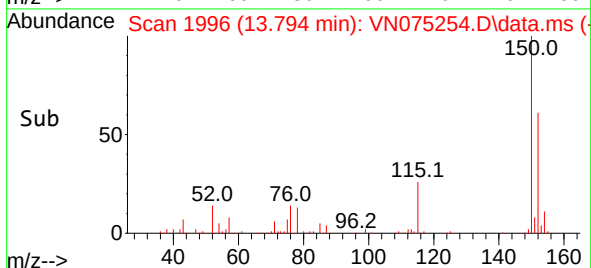
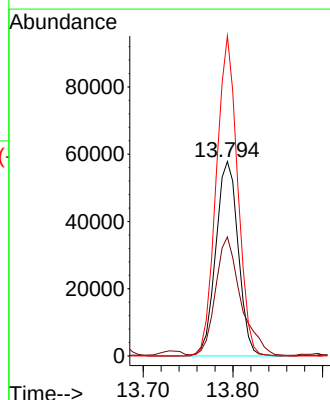
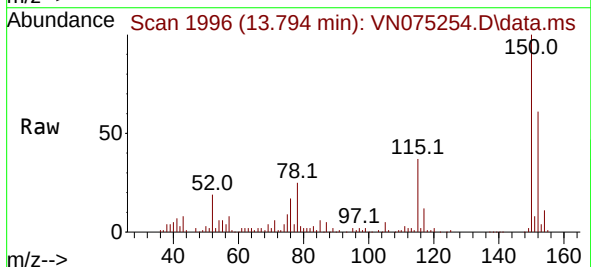
Instrument :
MSVOA_N
ClientSampleId :
31880

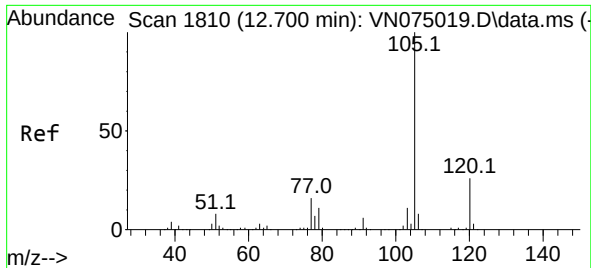
Tgt Ion:106 Resp: 102890
Ion Ratio Lower Upper
106 100
91 208.5 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075254.D
Acq: 11 Nov 2022 17:41

Tgt Ion:152 Resp: 100116
Ion Ratio Lower Upper
152 100
115 68.7 30.2 90.6
150 156.7 0.0 348.4

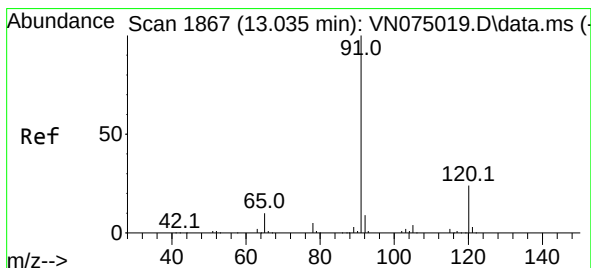
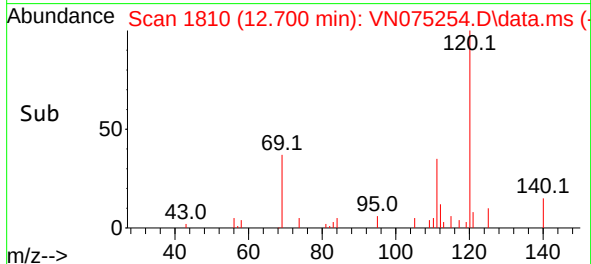
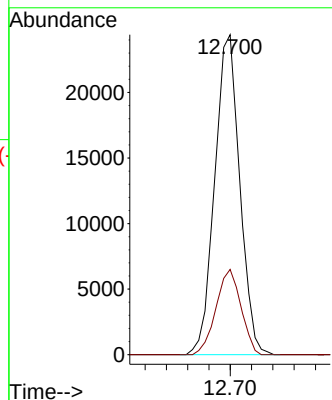
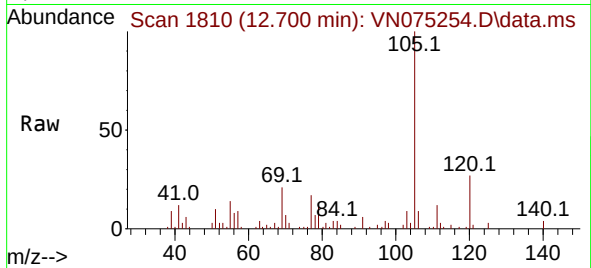




#73
Isopropylbenzene
Concen: 4.944 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075254.D
Acq: 11 Nov 2022 17:41

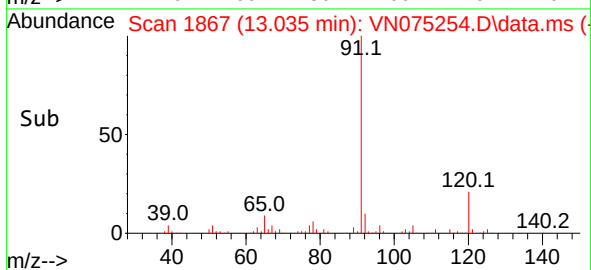
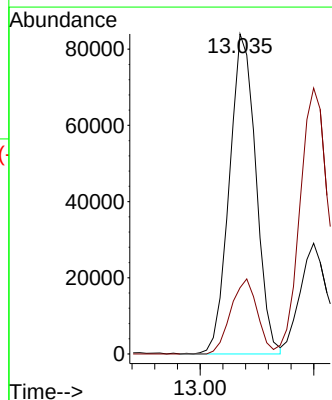
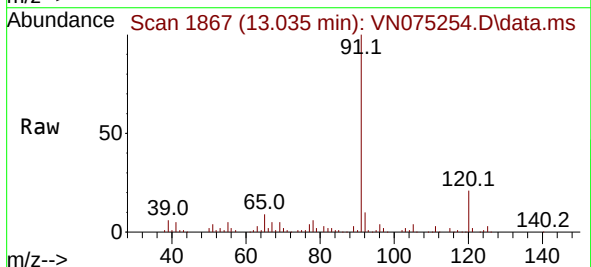
Instrument :
MSVOA_N
ClientSampleId :
31880

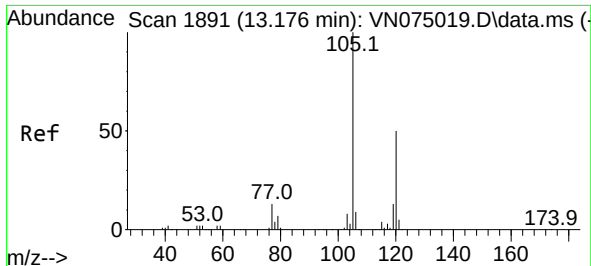
Tgt Ion:105 Resp: 39734
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1



#78
n-propylbenzene
Concen: 15.083 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075254.D
Acq: 11 Nov 2022 17:41

Tgt Ion: 91 Resp: 136105
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5

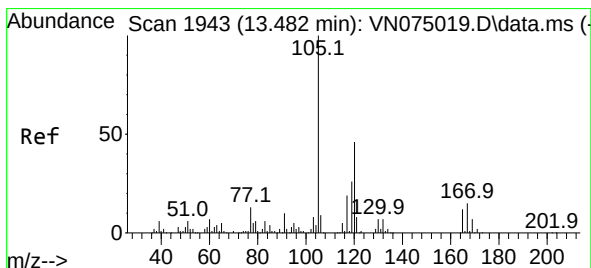
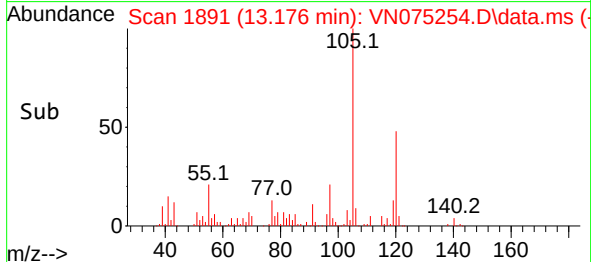
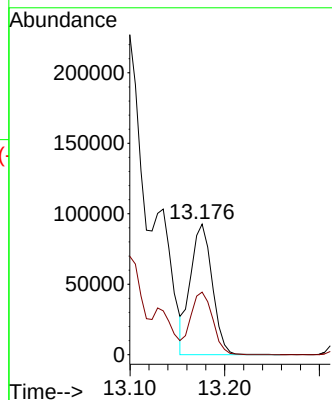
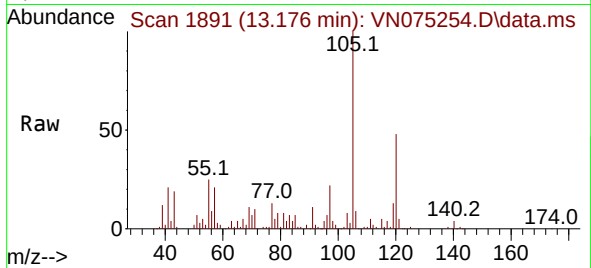




#80
 1,3,5-Trimethylbenzene
 Concen: 21.940 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN075254.D
 Acq: 11 Nov 2022 17:41

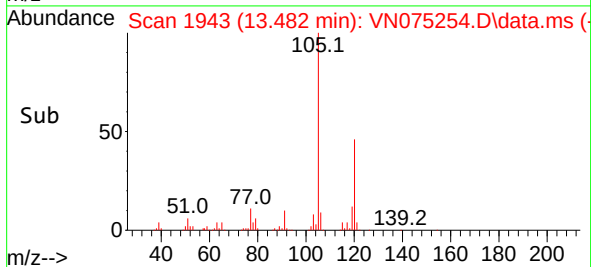
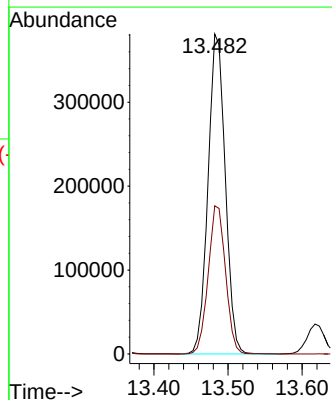
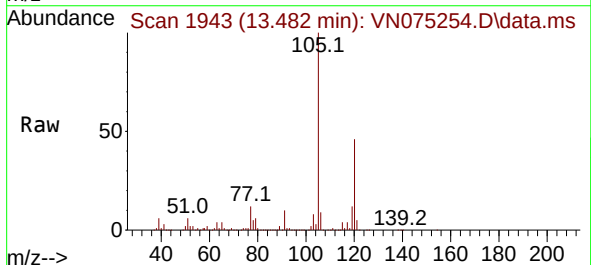
Instrument :
 MSVOA_N
 ClientSampleId :
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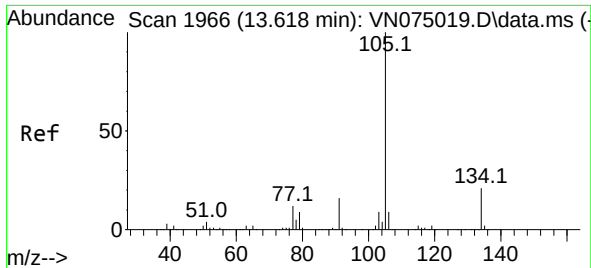
Tgt Ion:105 Resp: 148112
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 90.149 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN075254.D
 Acq: 11 Nov 2022 17:41

Tgt Ion:105 Resp: 615751
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.7 68.1

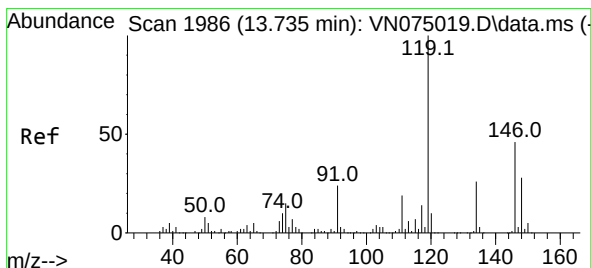
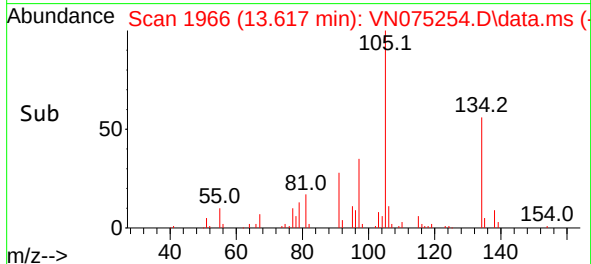
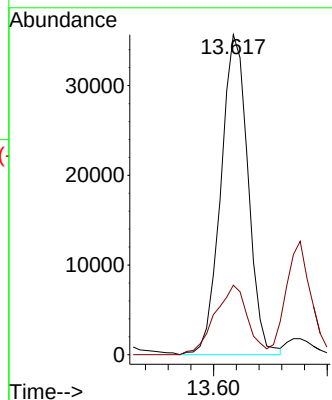
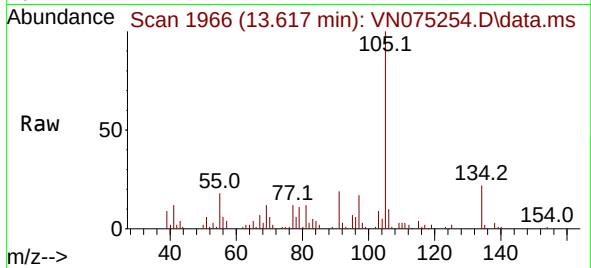




#85
 sec-Butylbenzene
 Concen: 7.064 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075254.D
 Acq: 11 Nov 2022 17:41

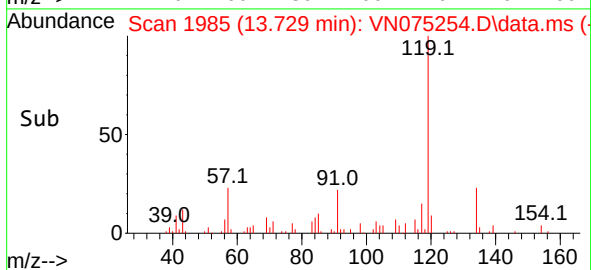
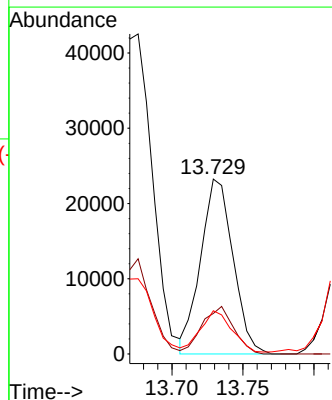
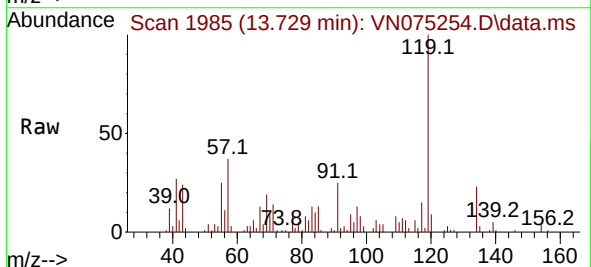
Instrument :
 MSVOA_N
 ClientSampleId :
 31880

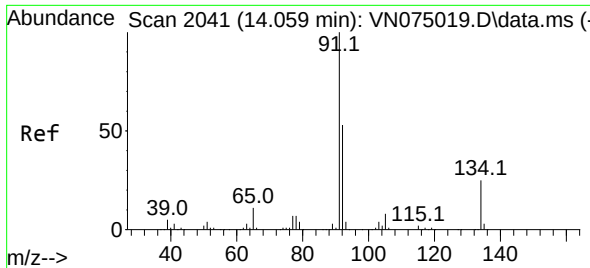
Tgt Ion:105 Resp: 59280
 Ion Ratio Lower Upper
 105 100
 134 26.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 5.330 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075254.D
 Acq: 11 Nov 2022 17:41

Tgt Ion:119 Resp: 36940
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 22.7 11.9 35.5

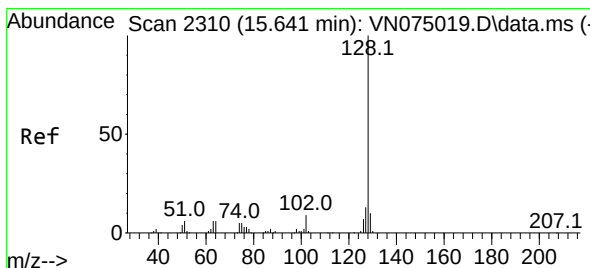
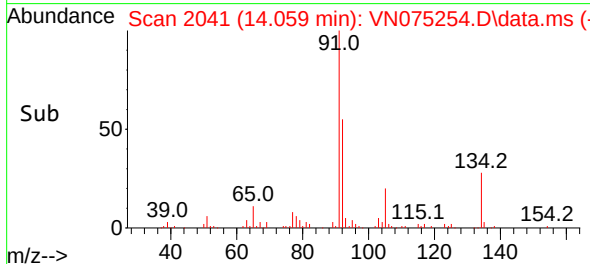
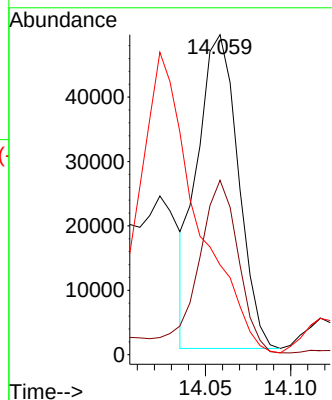
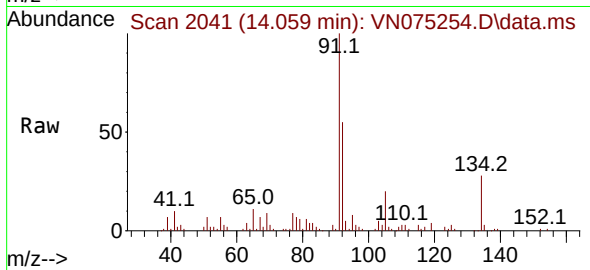




#89
n-Butylbenzene
Concen: 14.532 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075254.D
Acq: 11 Nov 2022 17:41

Instrument :
MSVOA_N
ClientSampleId :
31880

Tgt Ion: 91 Resp: 81102
Ion Ratio Lower Upper
91 100
92 56.4 26.5 79.4
134 0.0 13.0 39.0#



#95
Naphthalene
Concen: 13.731 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075254.D
Acq: 11 Nov 2022 17:41

Tgt Ion:128 Resp: 78277
Ion Ratio Lower Upper
128 100
127 10.9 10.4 15.6
129 10.3 8.6 12.8

