

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083374.D
 Acq On : 19 Aug 2024 15:51
 Operator : JC\MD
 Sample : P3629-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50398

Quant Time: Aug 20 04:46:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

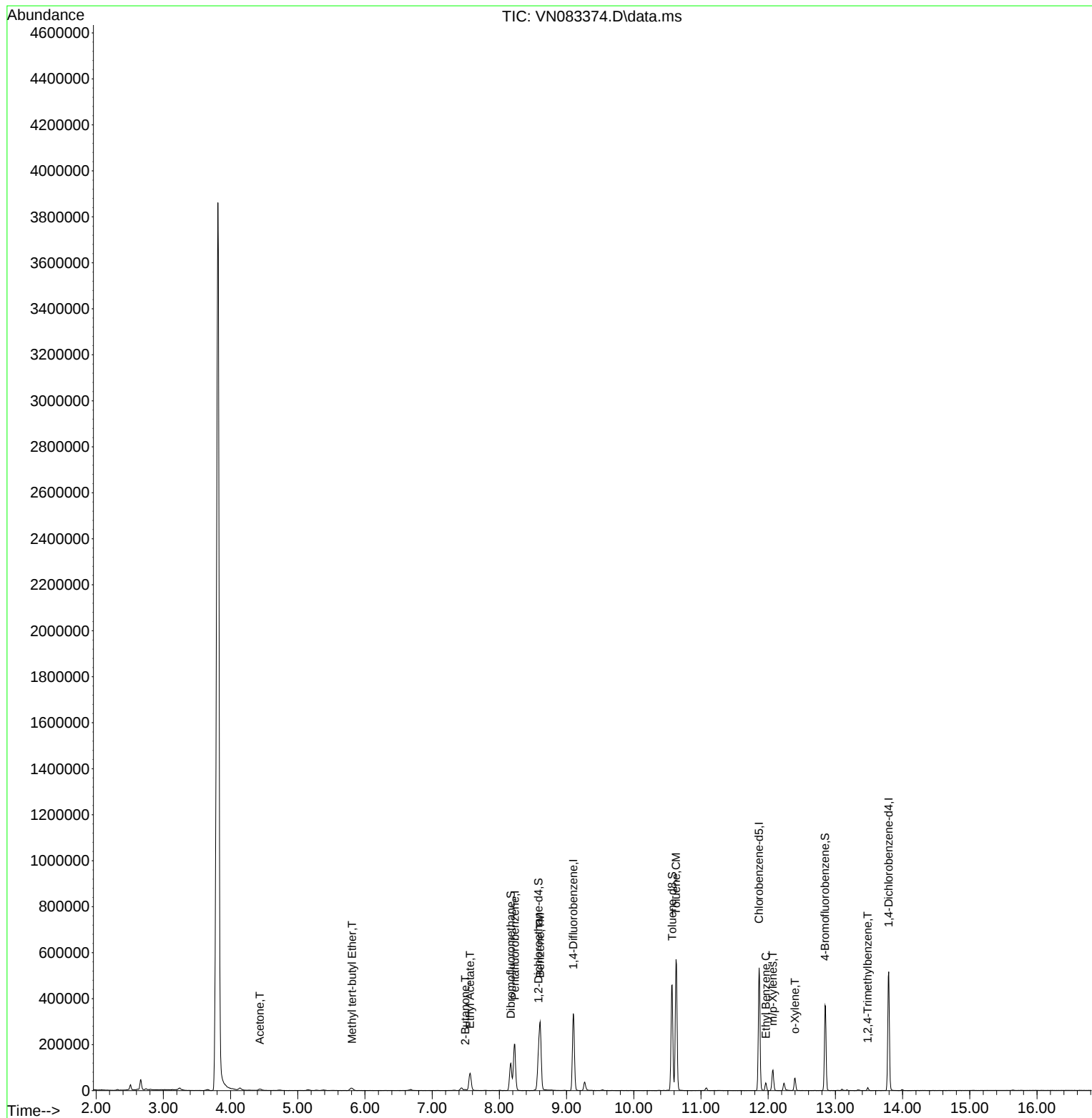
Internal Standards						
1) Pentafluorobenzene	8.230	168	141382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	295769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	105597	52.473	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.940%	
35) Dibromofluoromethane	8.171	113	84264	47.777	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.560%	
50) Toluene-d8	10.571	98	317093	48.198	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.400%	
62) 4-Bromofluorobenzene	12.847	95	133157	51.916	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.840%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	13300	16.890	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	17672	3.124	ug/l	93
25) 2-Butanone	7.494	43	6290	5.202	ug/l #	82
37) Ethyl Acetate	7.565	43	116448	38.982	ug/l #	95
40) Benzene	8.606	78	270735	34.063	ug/l	98
52) Toluene	10.629	92	251093	50.000	ug/l	98
67) Ethyl Benzene	11.965	91	23415	1.953	ug/l	98
68) m/p-Xylenes	12.071	106	27978	6.229	ug/l	97
69) o-Xylene	12.400	106	14092	3.181	ug/l	90
84) 1,2,4-Trimethylbenzene	13.482	105	7762	0.834	ug/l	96

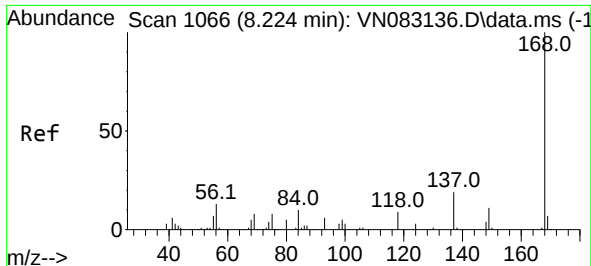
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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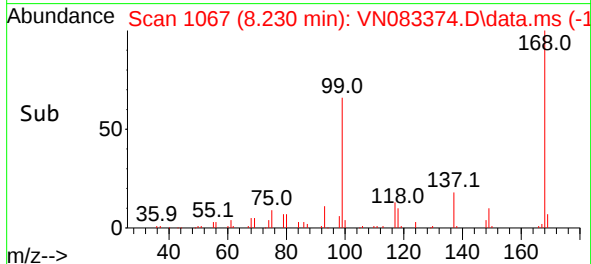
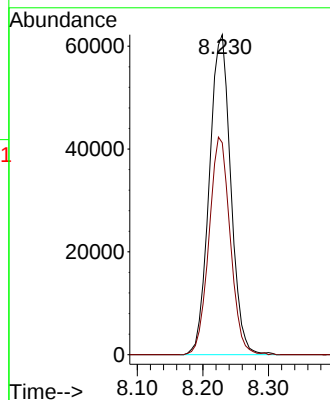
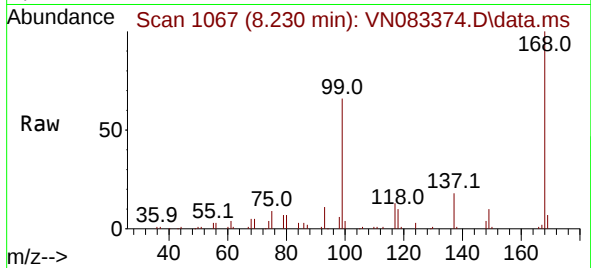




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083374.D
Acq: 19 Aug 2024 15:51

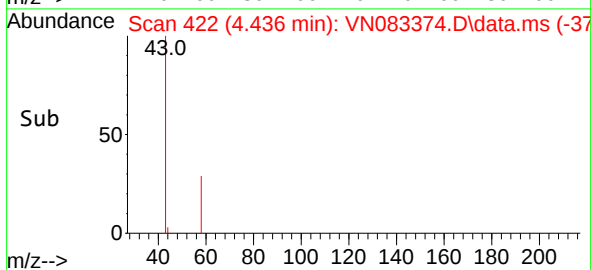
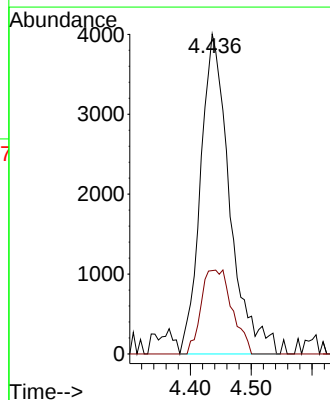
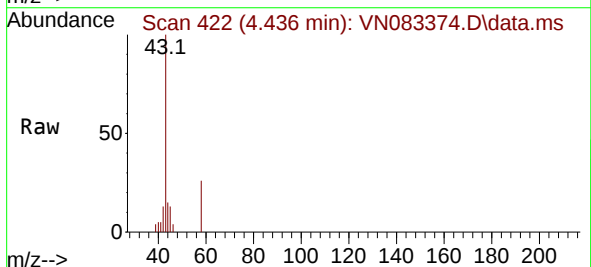
Instrument :
MSVOA_N
ClientSampleId :
50398

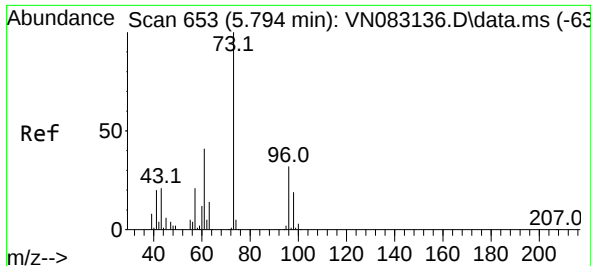
Tgt Ion:168 Resp: 141382
Ion Ratio Lower Upper
168 100
99 66.2 48.2 72.4



#16
Acetone
Concen: 16.890 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083374.D
Acq: 19 Aug 2024 15:51

Tgt Ion: 43 Resp: 13300
Ion Ratio Lower Upper
43 100
58 26.0 21.8 32.6

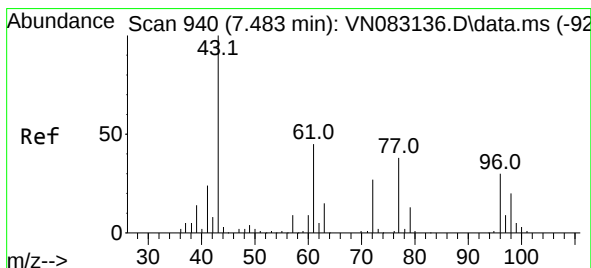
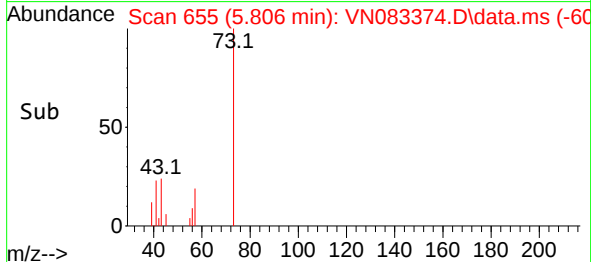
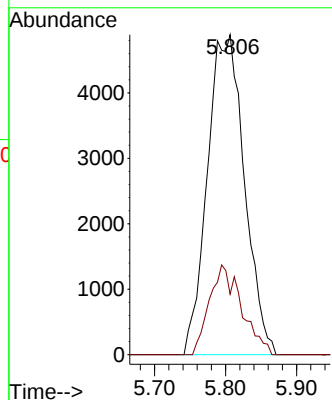
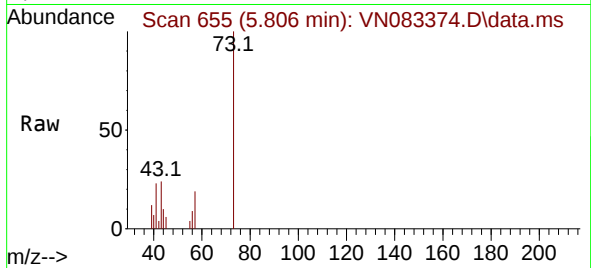




#19
Methyl tert-butyl Ether
Concen: 3.124 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN083374.D
Acq: 19 Aug 2024 15:51

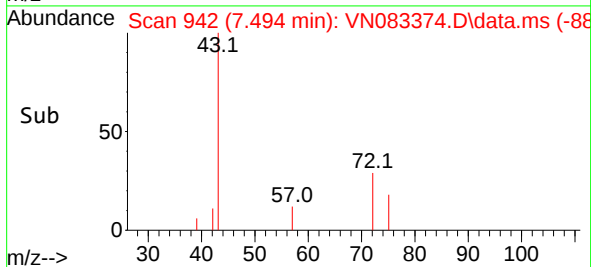
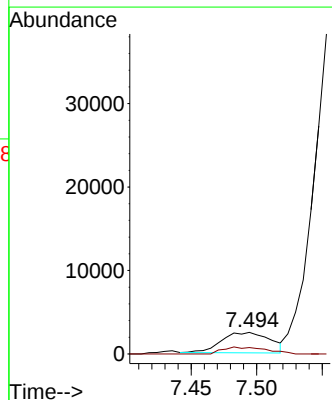
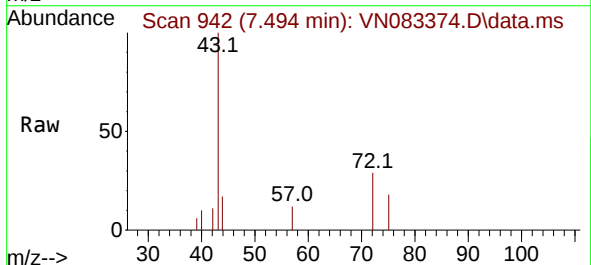
Instrument :
MSVOA_N
ClientSampleId :
50398

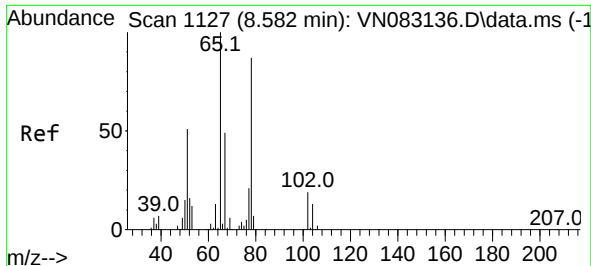
Tgt Ion: 73 Resp: 17672
Ion Ratio Lower Upper
73 100
57 18.9 17.9 26.9



#25
2-Butanone
Concen: 5.202 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083374.D
Acq: 19 Aug 2024 15:51

Tgt Ion: 43 Resp: 6290
Ion Ratio Lower Upper
43 100
72 31.3 18.2 27.2#





#33

1,2-Dichloroethane-d4

Concen: 52.473 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083374.D

Acq: 19 Aug 2024 15:51

Instrument :

MSVOA_N

ClientSampleId :

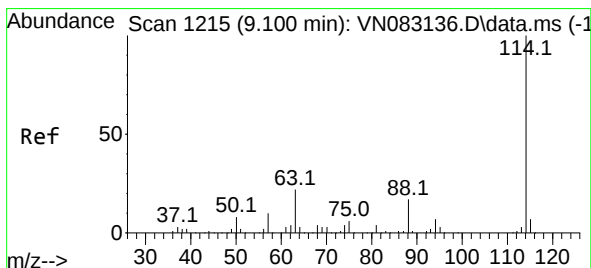
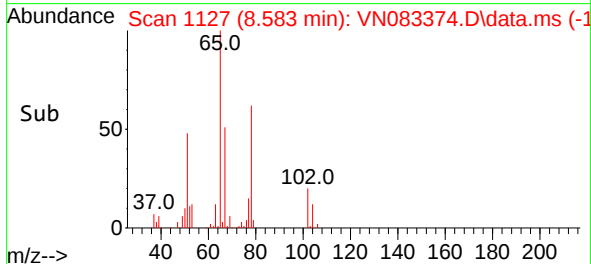
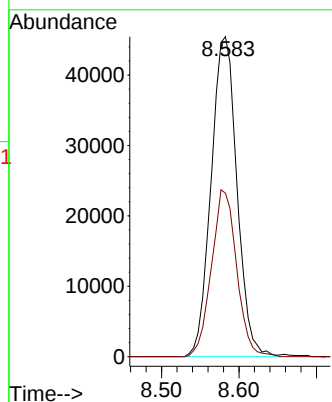
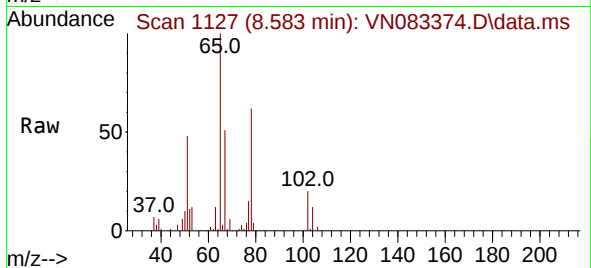
50398

Tgt Ion: 65 Resp: 105597

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083374.D

Acq: 19 Aug 2024 15:51

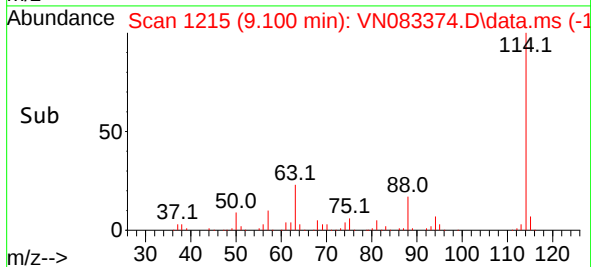
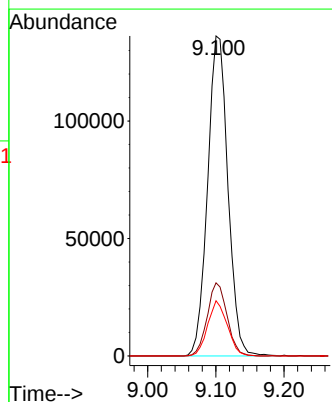
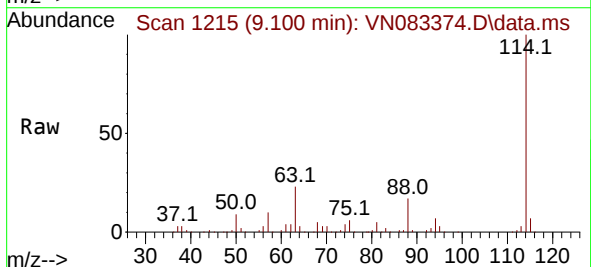
Tgt Ion: 114 Resp: 282562

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 17.3 0.0 31.4

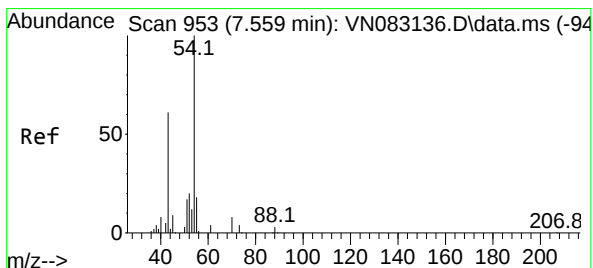
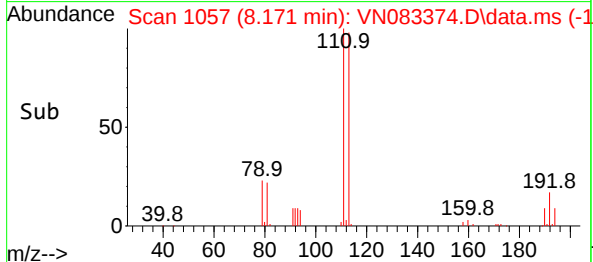
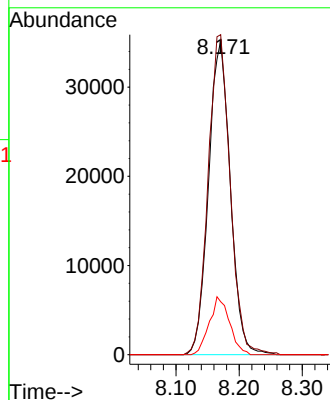
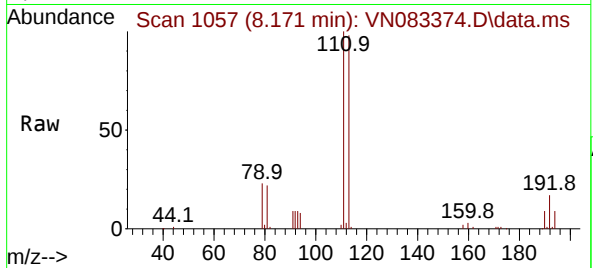




#35
 Dibromofluoromethane
 Concen: 47.777 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN083374.D
 Acq: 19 Aug 2024 15:51

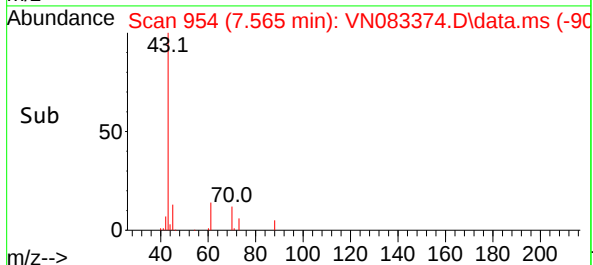
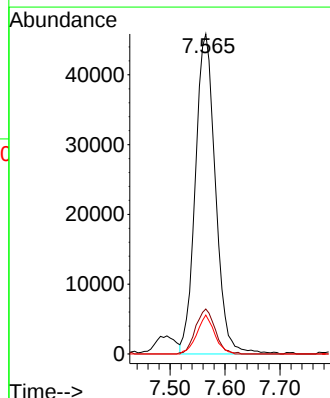
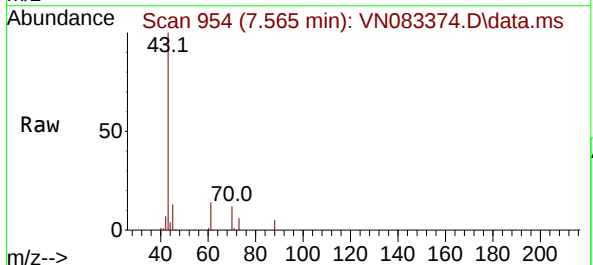
Instrument :
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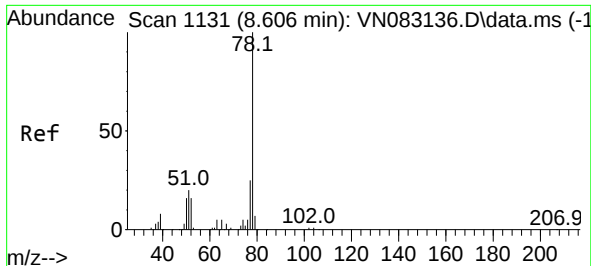
Tgt Ion:	113	Resp:	84264
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.4	123.6
192	17.2	14.9	22.3



#37
 Ethyl Acetate
 Concen: 38.982 ug/l
 RT: 7.565 min Scan# 954
 Delta R.T. 0.006 min
 Lab File: VN083374.D
 Acq: 19 Aug 2024 15:51

Tgt Ion:	43	Resp:	116448
Ion	Ratio	Lower	Upper
43	100		
61	13.7	9.3	13.9
70	10.7	7.0	10.6

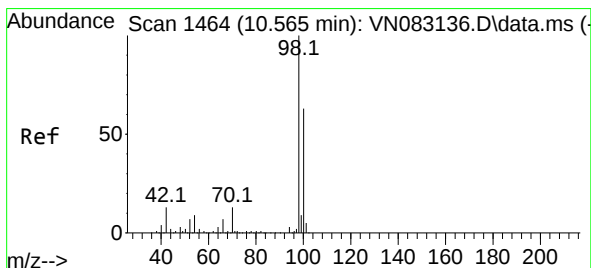
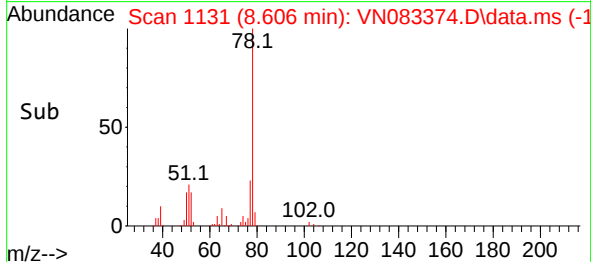
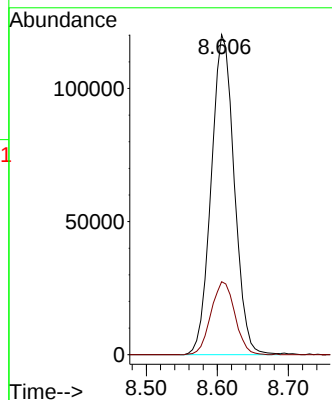
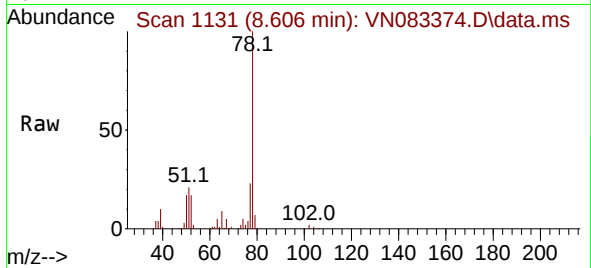




#40
Benzene
Concen: 34.063 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN083374.D
Acq: 19 Aug 2024 15:51

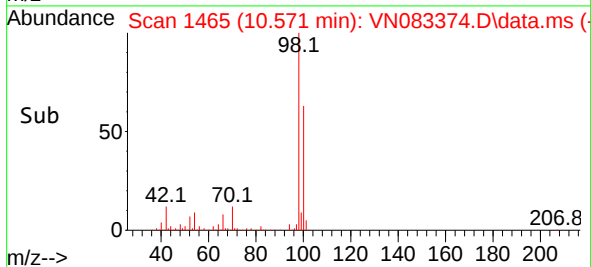
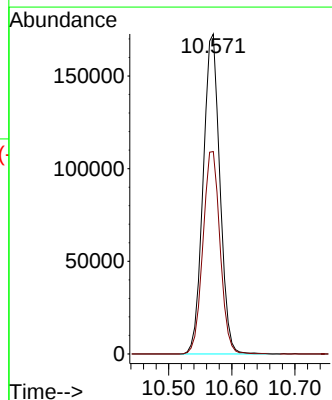
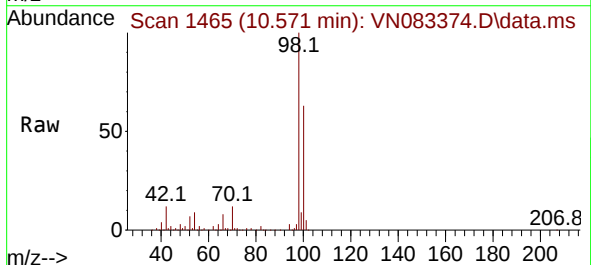
Instrument :
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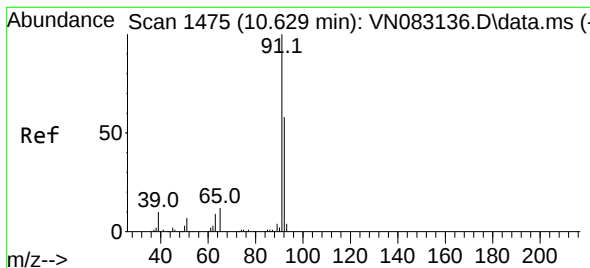
Tgt Ion: 78 Resp: 270735
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4



#50
Toluene-d8
Concen: 48.198 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083374.D
Acq: 19 Aug 2024 15:51

Tgt Ion: 98 Resp: 317093
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3





#52

Toluene

Concen: 50.000 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN083374.D

Acq: 19 Aug 2024 15:51

Instrument :

MSVOA_N

ClientSampleId :

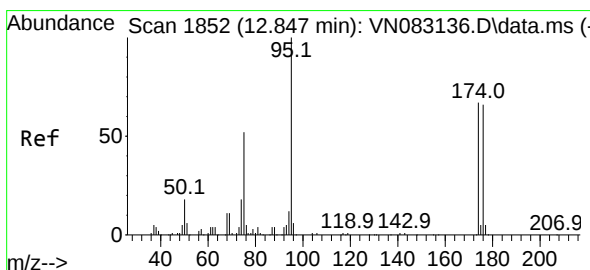
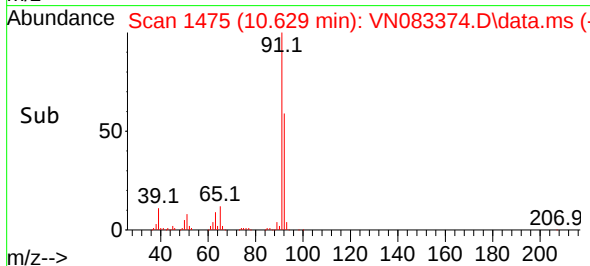
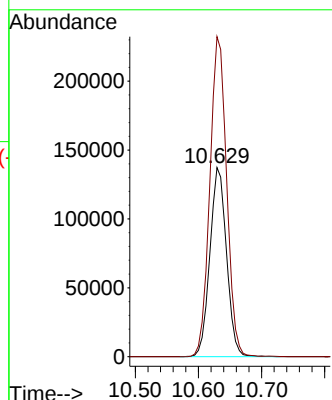
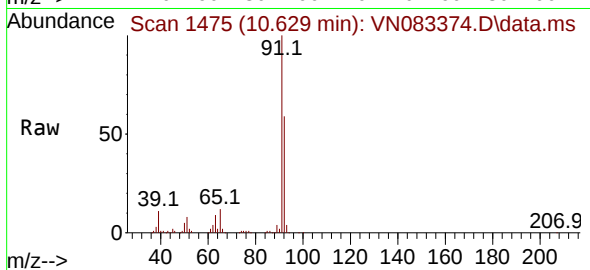
50398

Tgt Ion: 92 Resp: 251093

Ion Ratio Lower Upper

92 100

91 170.9 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 51.916 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083374.D

Acq: 19 Aug 2024 15:51

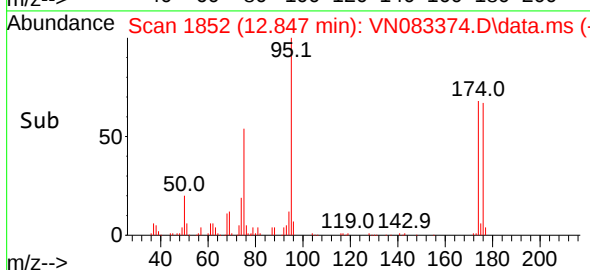
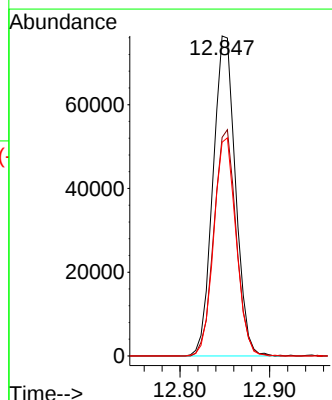
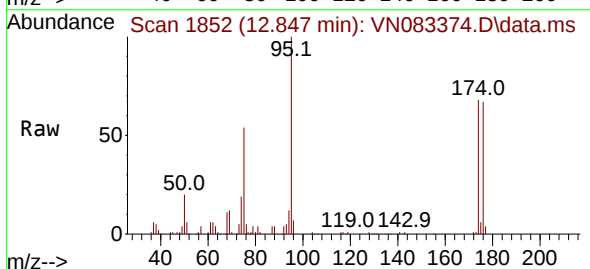
Tgt Ion: 95 Resp: 133157

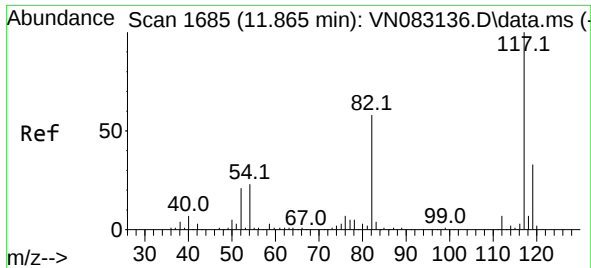
Ion Ratio Lower Upper

95 100

174 69.9 0.0 159.2

176 67.4 0.0 147.6

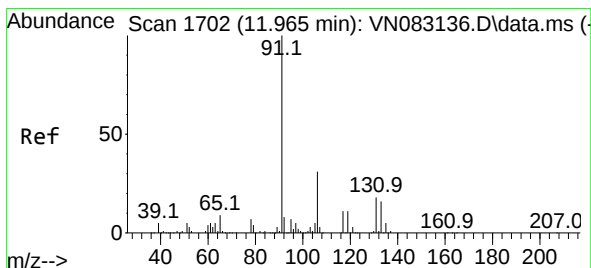
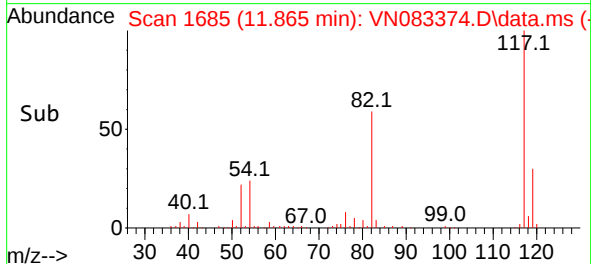
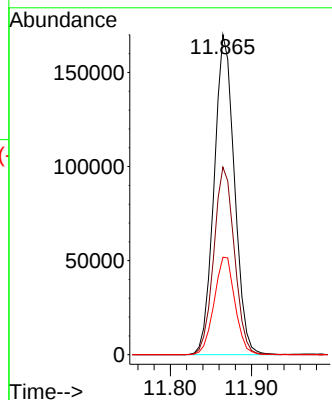
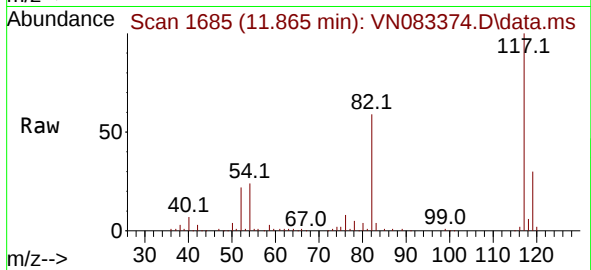




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083374.D
Acq: 19 Aug 2024 15:51

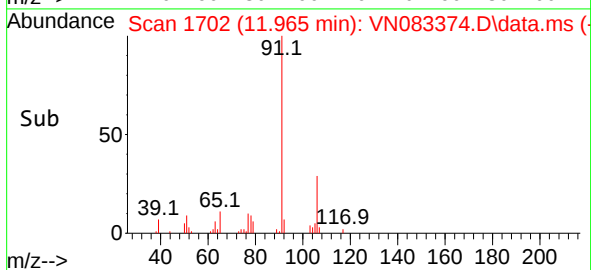
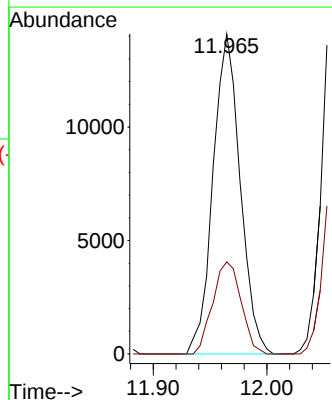
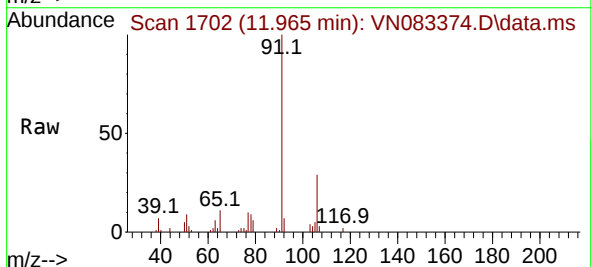
Instrument :
MSVOA_N
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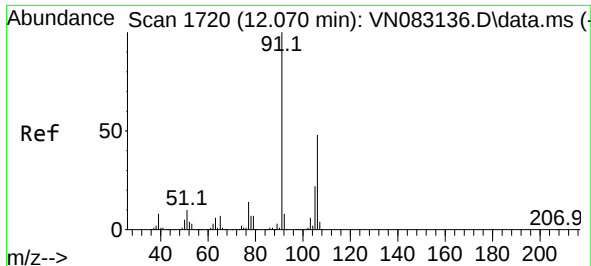
Tgt Ion:117 Resp: 295769
Ion Ratio Lower Upper
117 100
82 58.6 47.5 71.3
119 30.5 25.6 38.4



#67
Ethyl Benzene
Concen: 1.953 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083374.D
Acq: 19 Aug 2024 15:51

Tgt Ion: 91 Resp: 23415
Ion Ratio Lower Upper
91 100
106 28.7 24.0 36.0

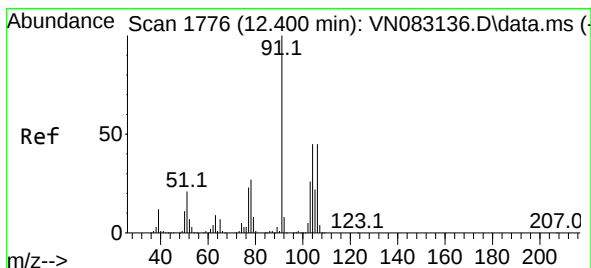
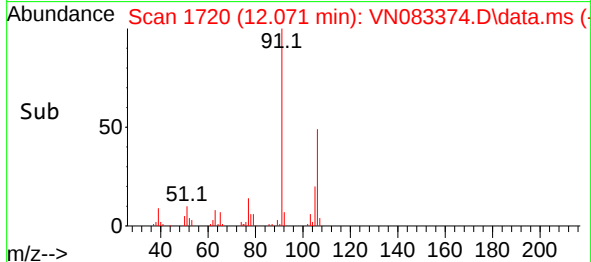
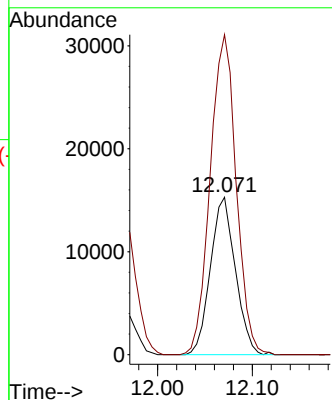
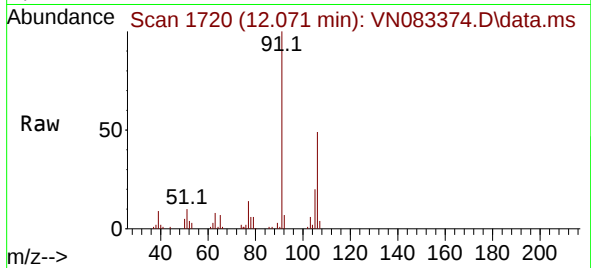




#68
m/p-Xylenes
Concen: 6.229 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083374.D
Acq: 19 Aug 2024 15:51

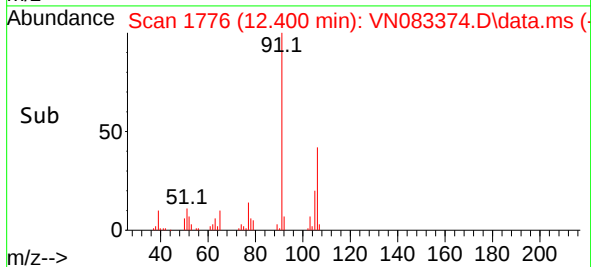
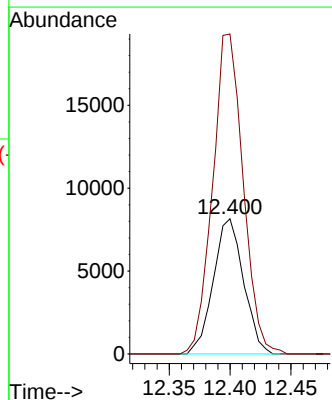
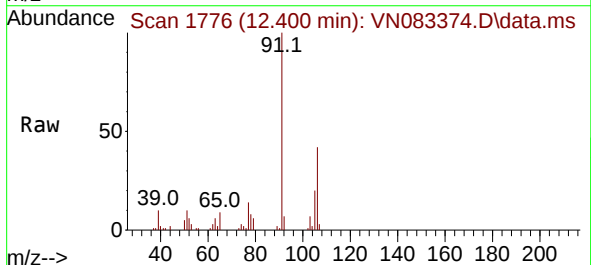
Instrument :
MSVOA_N
ClientSampleId :
50398

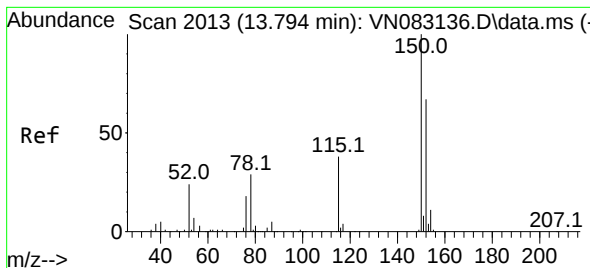
Tgt Ion:106 Resp: 27978
Ion Ratio Lower Upper
106 100
91 211.8 166.1 249.1



#69
o-Xylene
Concen: 3.181 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083374.D
Acq: 19 Aug 2024 15:51

Tgt Ion:106 Resp: 14092
Ion Ratio Lower Upper
106 100
91 238.5 111.3 333.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN083374.D

Acq: 19 Aug 2024 15:51

Instrument :

MSVOA_N

ClientSampleId :

50398

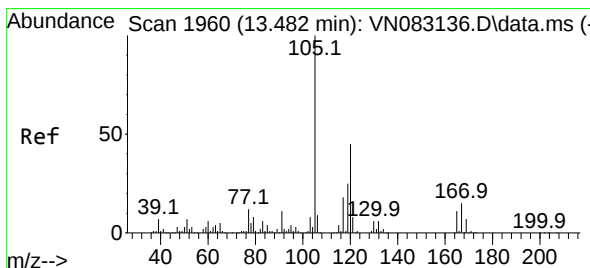
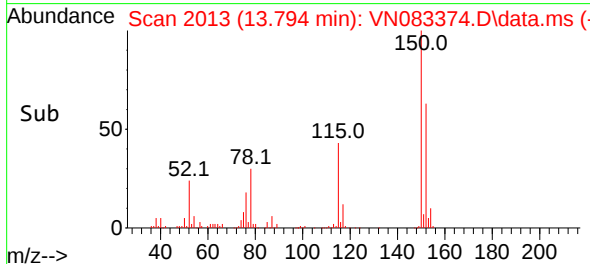
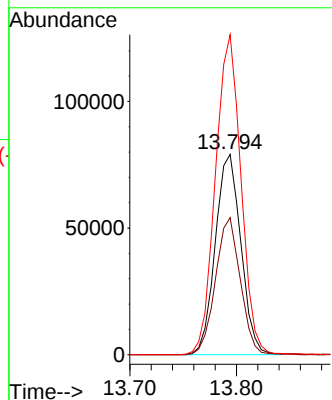
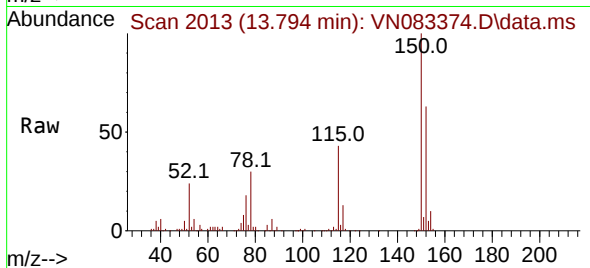
Tgt Ion:152 Resp: 131889

Ion Ratio Lower Upper

152 100

115 66.4 30.6 91.6

150 159.5 0.0 348.6



#84

1,2,4-Trimethylbenzene

Concen: 0.834 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083374.D

Acq: 19 Aug 2024 15:51

Tgt Ion:105 Resp: 7762

Ion Ratio Lower Upper

105 100

120 41.5 21.9 65.8

