

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072565.D
 Acq On : 19 May 2022 19:16
 Operator : JC\MD
 Sample : N2965-07 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31608

Quant Time: May 20 06:56:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

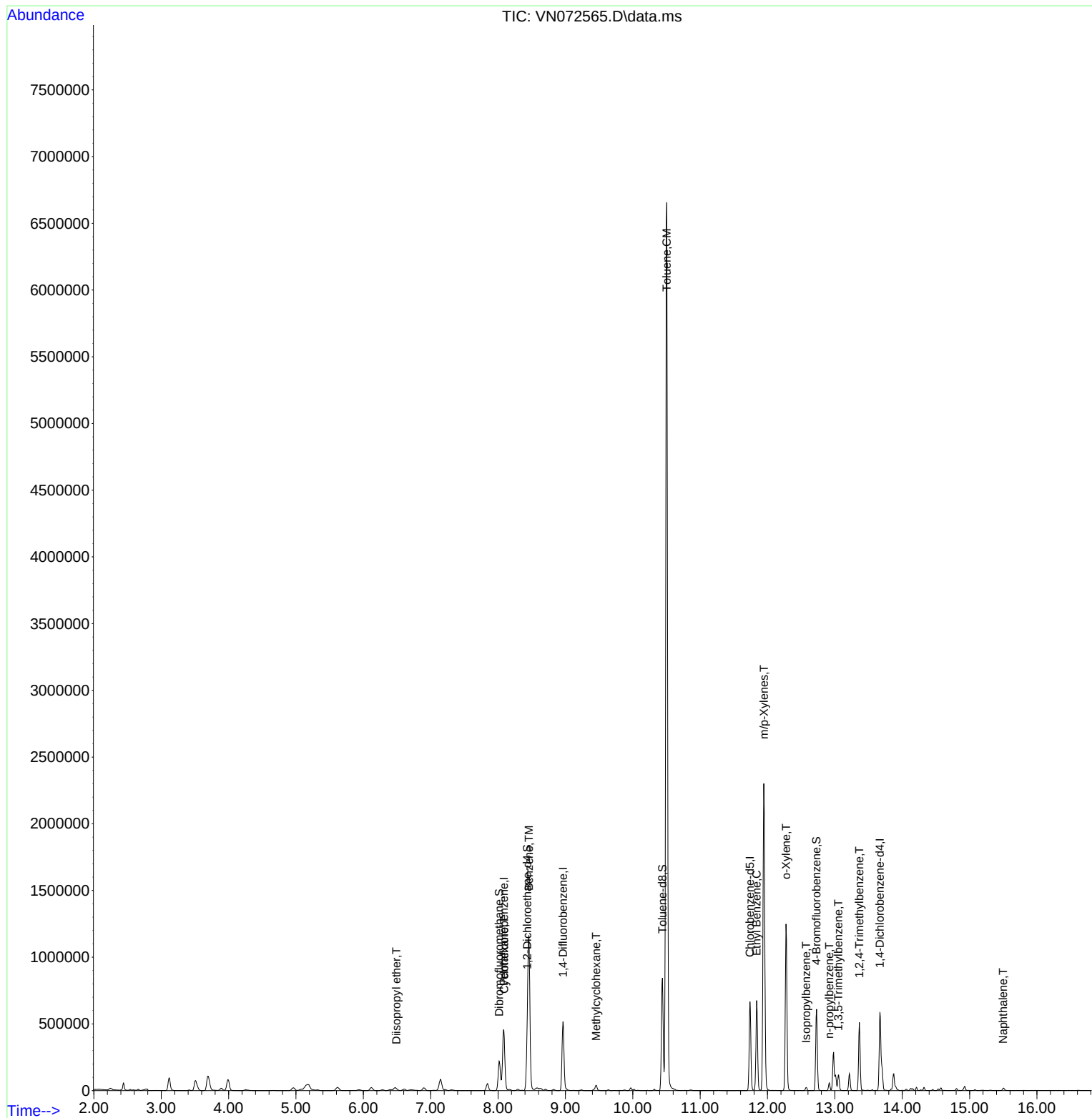
Internal Standards						
1) Pentafluorobenzene	8.087	168	286768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	427488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	369581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	157703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	234432	52.616	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 105.240%		
35) Dibromofluoromethane	8.016	113	155906	54.051	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 108.100%		
50) Toluene-d8	10.439	98	572547	52.440	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 104.880%		
62) 4-Bromofluorobenzene	12.727	95	200737	48.402	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 96.800%		
Target Compounds						
					Qvalue	
22) Diisopropyl ether	6.492	45	10364	1.182	ug/l #	93
31) Cyclohexane	8.092	56	43347	8.753	ug/l #	85
39) Methylcyclohexane	9.457	83	15324	3.344	ug/l	94
40) Benzene	8.457	78	1100136	95.881	ug/l	100
52) Toluene	10.504	92	2873831	386.287	ug/l	99
67) Ethyl Benzene	11.839	91	480790	36.677	ug/l	97
68) m/p-Xylenes	11.945	106	702910	139.280	ug/l	90
69) o-Xylene	12.274	106	329317	64.056	ug/l	90
73) Isopropylbenzene	12.574	105	16880	1.295	ug/l	96
78) n-propylbenzene	12.916	91	44174	3.098	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	65082	5.756	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	286393	26.405	ug/l	95
95) Naphthalene	15.498	128	19399	2.792	ug/l	99

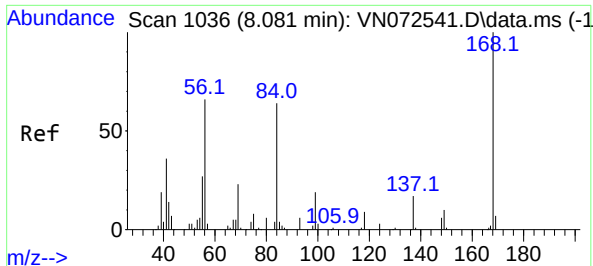
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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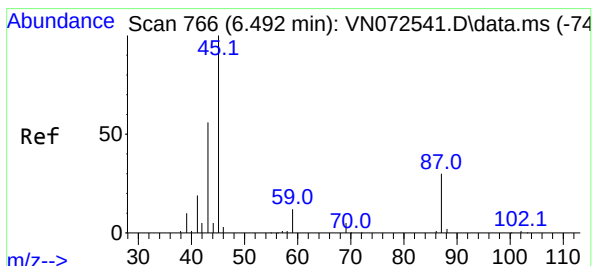
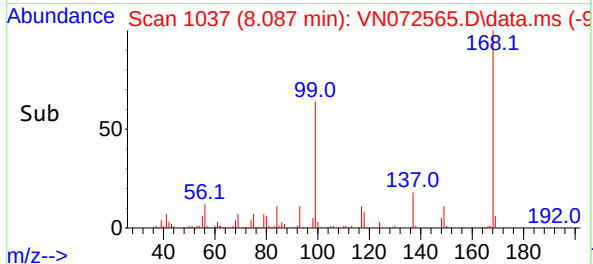
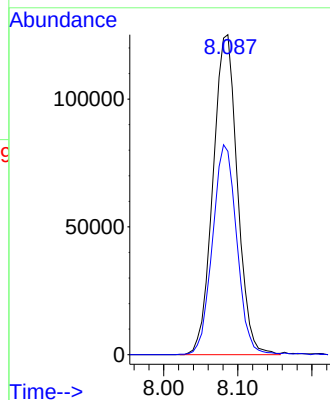
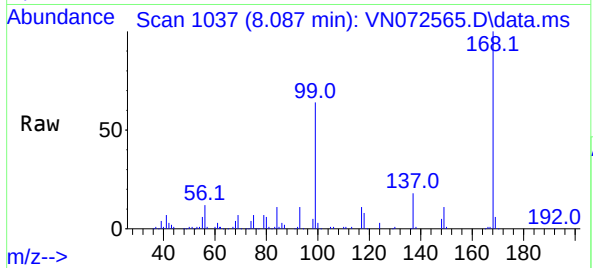




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

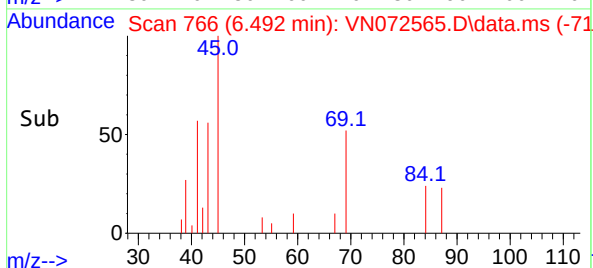
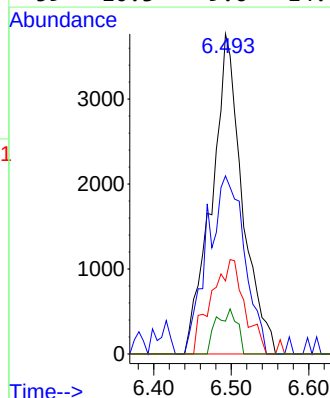
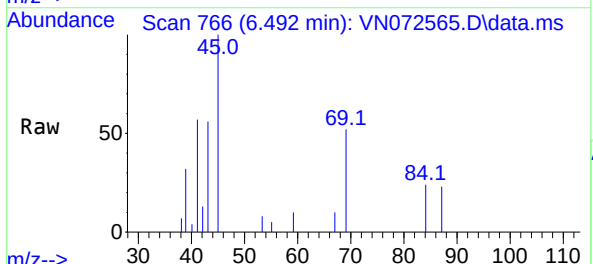
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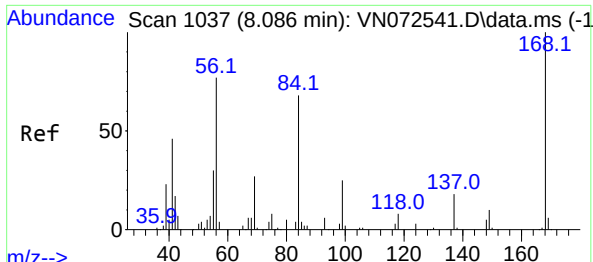
Tgt Ion:168 Resp: 286768
Ion Ratio Lower Upper
168 100
99 63.4 42.3 63.5



#22
Diisopropyl ether
Concen: 1.182 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

Tgt Ion: 45 Resp: 10364
Ion Ratio Lower Upper
45 100
43 55.6 46.6 70.0
87 22.8 24.3 36.5#
59 10.3 9.6 14.4

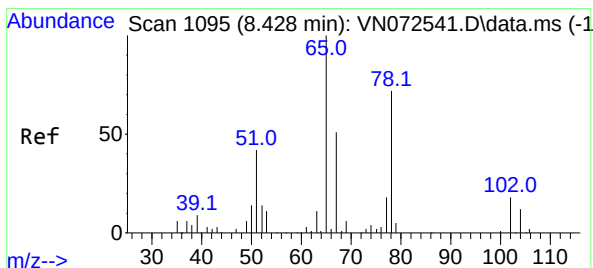
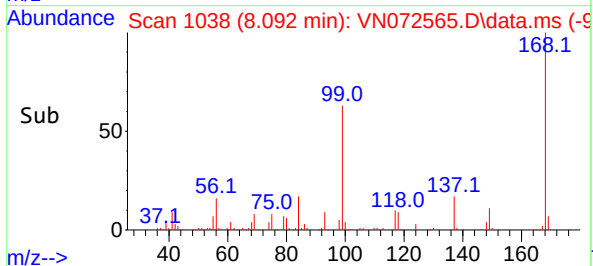
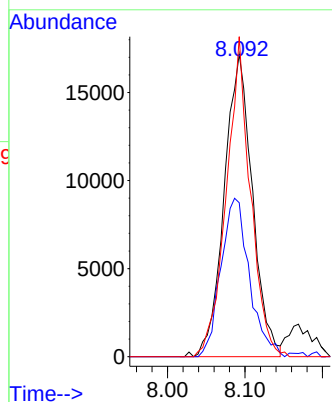
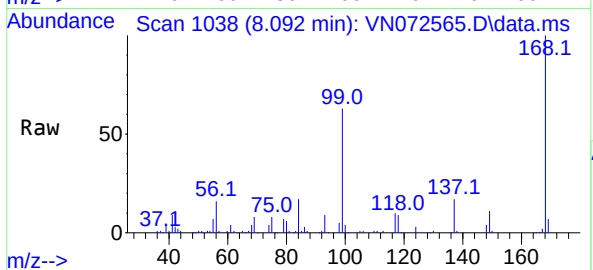




#31
Cyclohexane
Concen: 8.753 ug/l
RT: 8.092 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

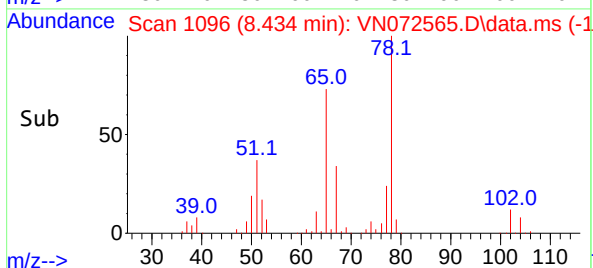
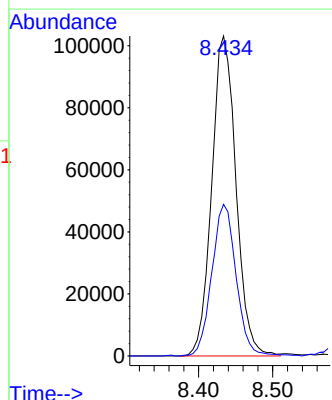
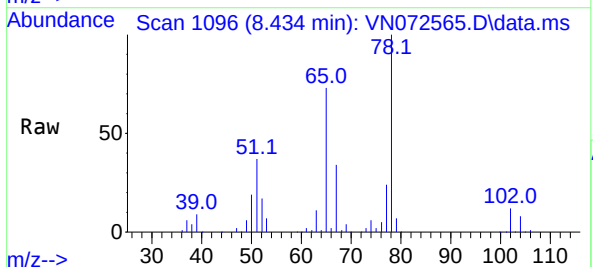
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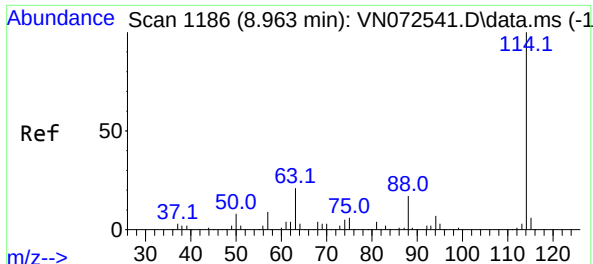
Tgt Ion: 56 Resp: 43347
Ion Ratio Lower Upper
56 100
69 50.9 27.8 41.8#
84 105.7 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 52.616 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

Tgt Ion: 65 Resp: 234432
Ion Ratio Lower Upper
65 100
67 47.5 0.0 104.8

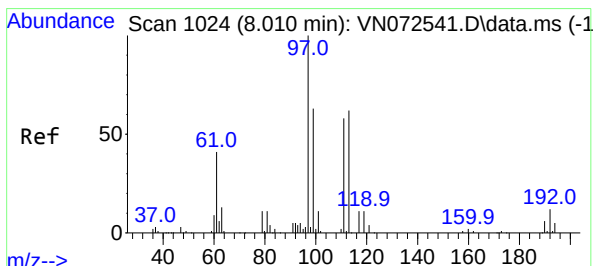
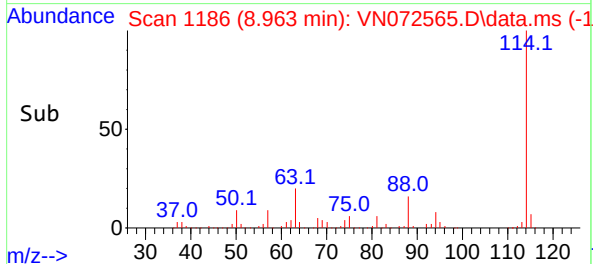
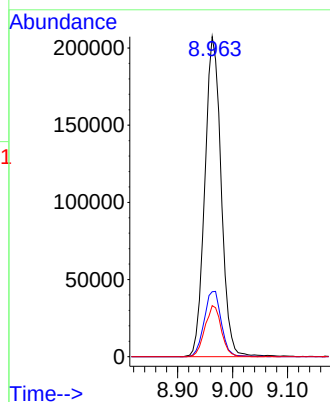
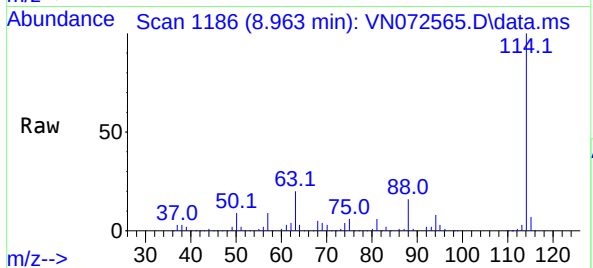




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

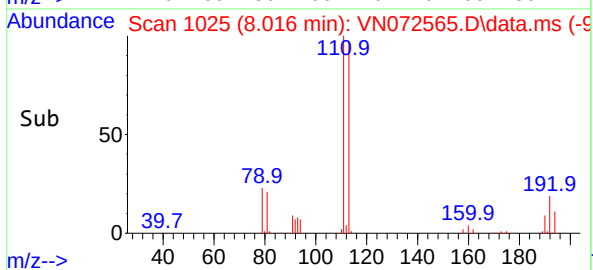
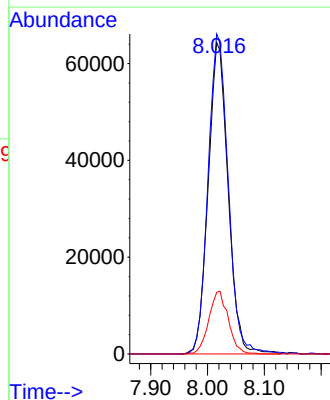
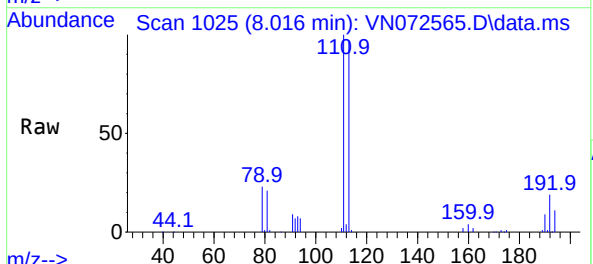
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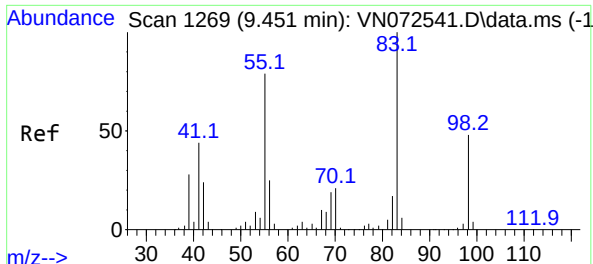
Tgt Ion:114 Resp: 427488
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.0
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 54.051 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

Tgt Ion:113 Resp: 155906
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 19.8 17.0 25.6

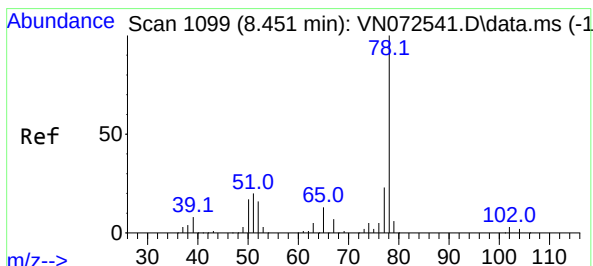
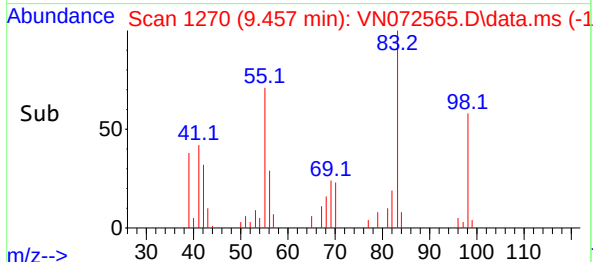
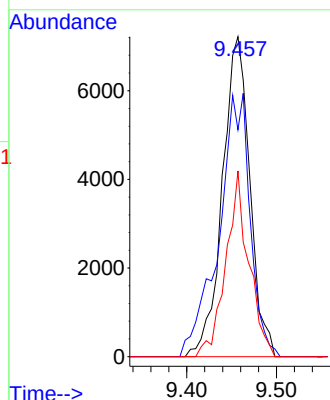
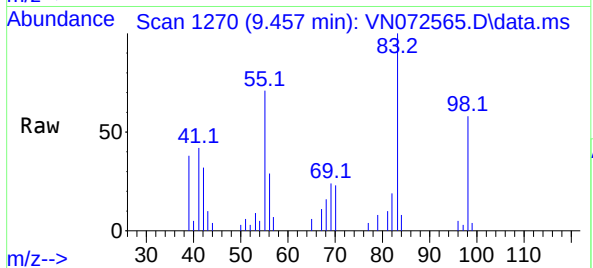




#39
Methylcyclohexane
Concen: 3.344 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

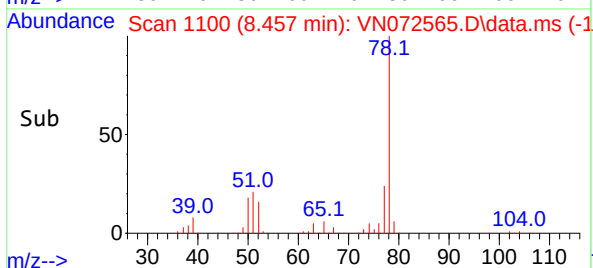
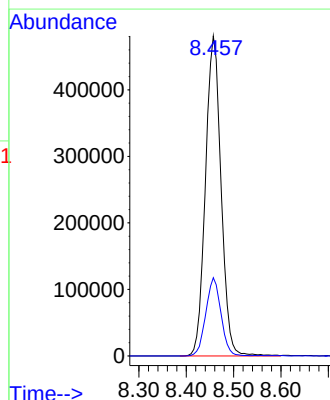
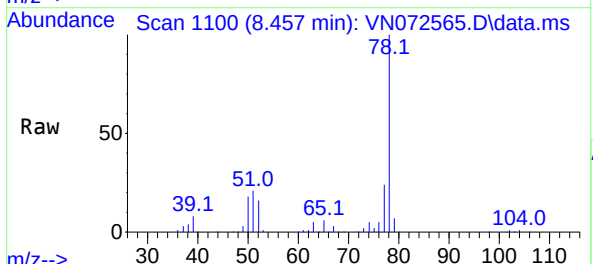
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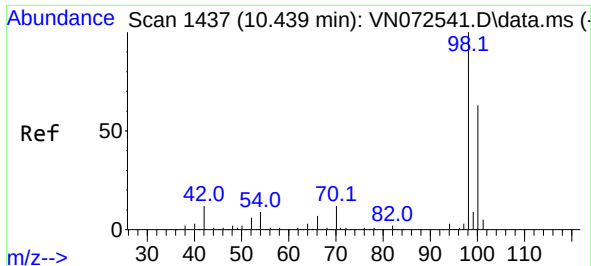
Tgt Ion: 83 Resp: 15324
Ion Ratio Lower Upper
83 100
55 70.9 57.8 86.8
98 58.1 39.4 59.2



#40
Benzene
Concen: 95.881 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

Tgt Ion: 78 Resp: 1100136
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0

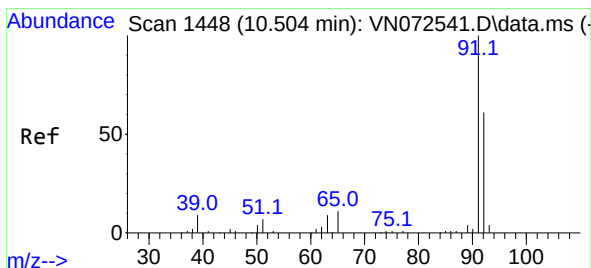
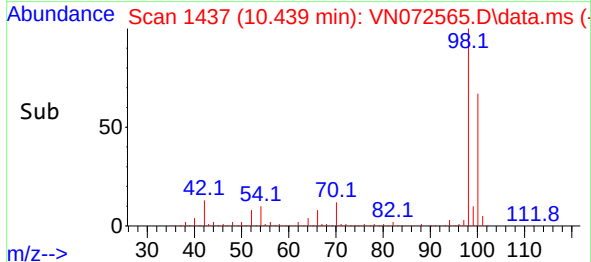
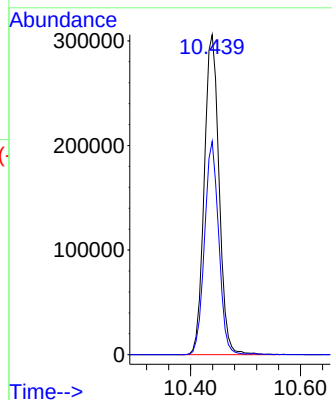
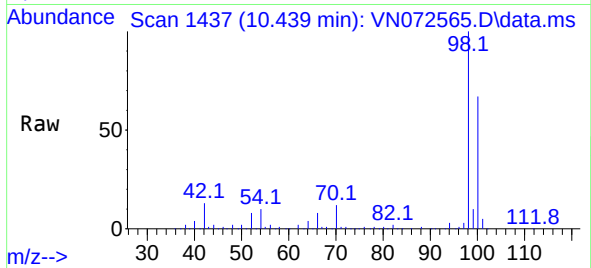




#50
Toluene-d8
Concen: 52.440 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

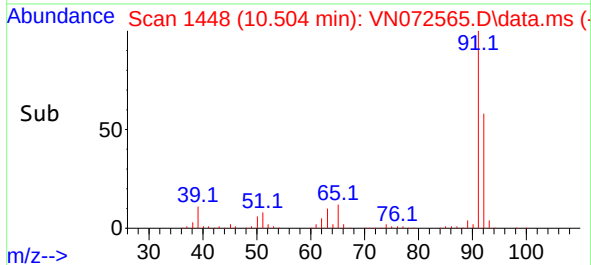
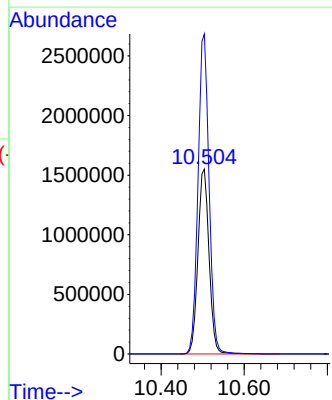
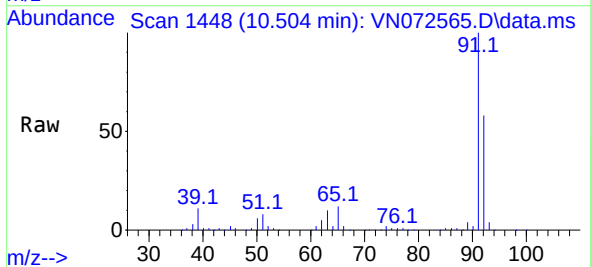
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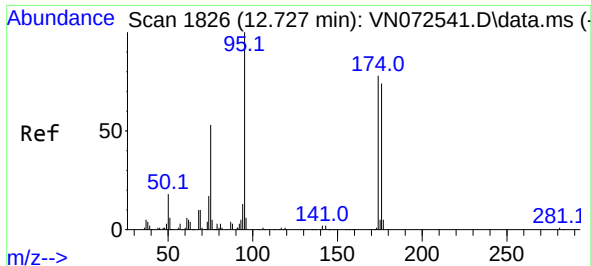
Tgt Ion: 98 Resp: 572547
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#52
Toluene
Concen: 386.287 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

Tgt Ion: 92 Resp: 2873831
Ion Ratio Lower Upper
92 100
91 171.9 138.6 207.8

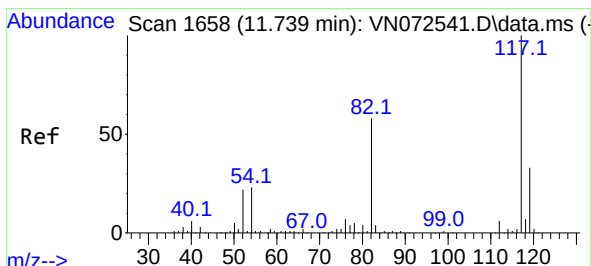
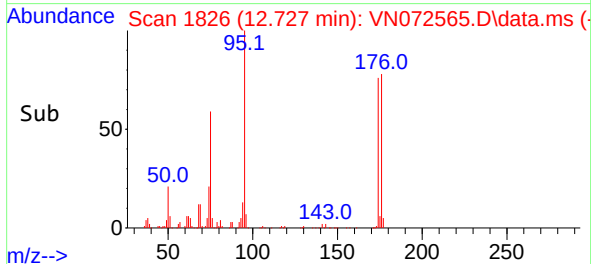
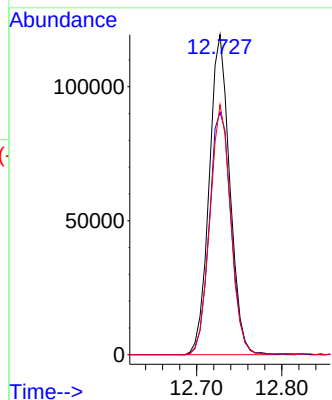
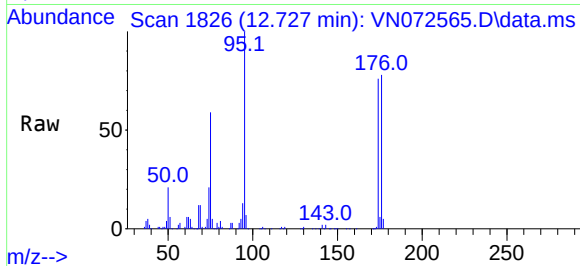




#62
4-Bromofluorobenzene
Concen: 48.402 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

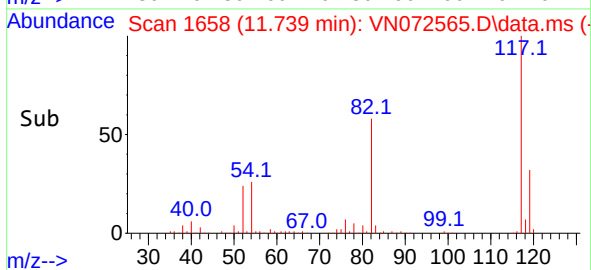
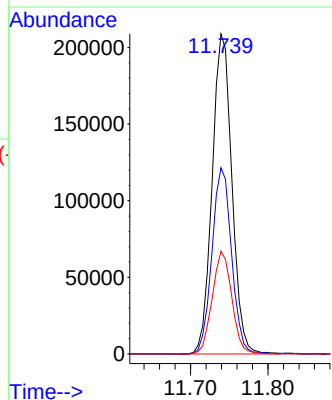
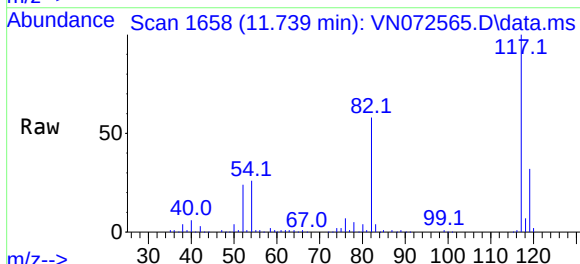
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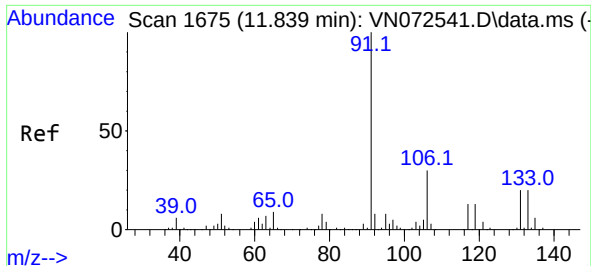
Tgt Ion: 95 Resp: 200737
Ion Ratio Lower Upper
95 100
174 80.1 0.0 167.6
176 78.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

Tgt Ion: 117 Resp: 369581
Ion Ratio Lower Upper
117 100
82 58.2 44.2 66.2
119 32.1 25.4 38.0

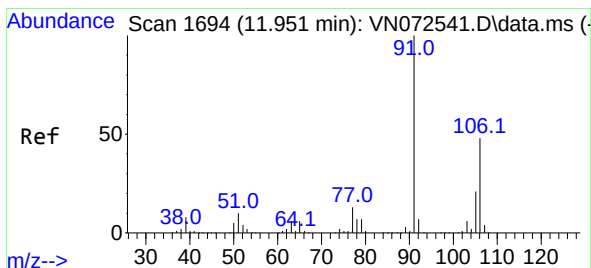
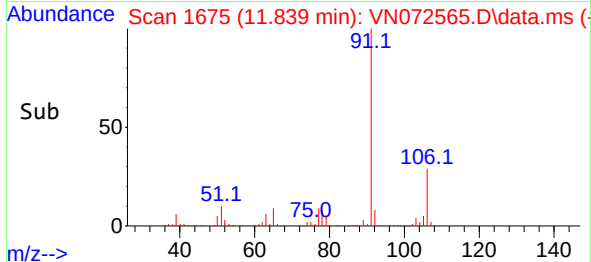
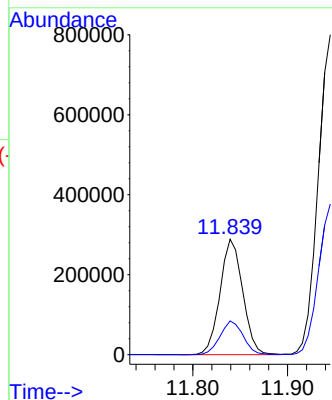
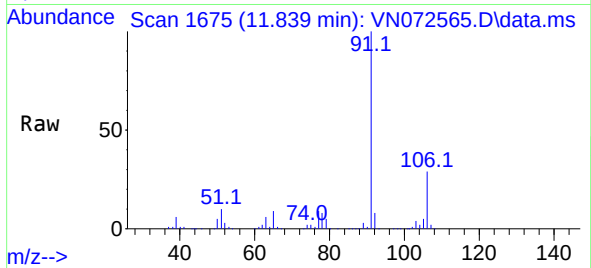




#67
Ethyl Benzene
Concen: 36.677 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

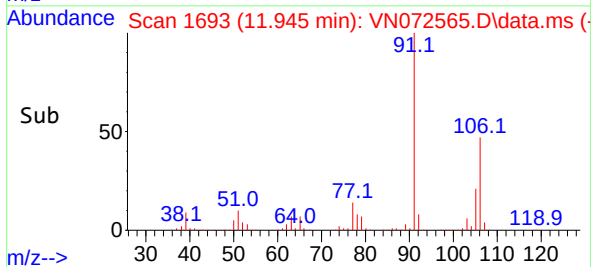
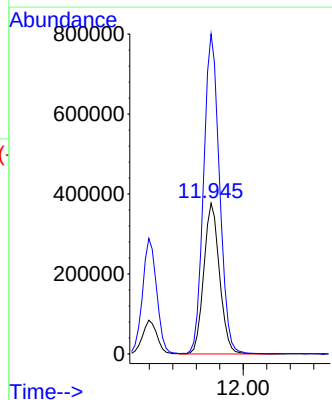
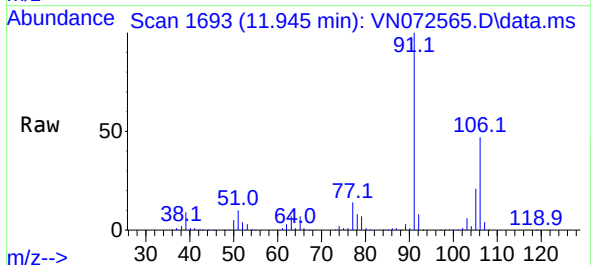
Instrument :
MSVOA_N
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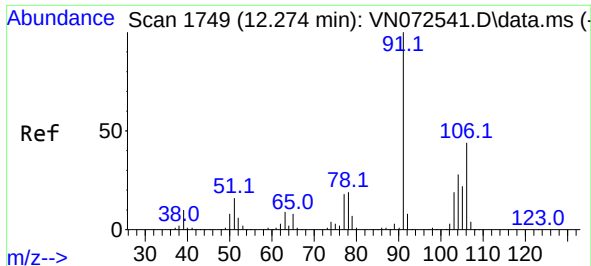
Tgt Ion: 91 Resp: 480790
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3



#68
m/p-Xylenes
Concen: 139.280 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

Tgt Ion:106 Resp: 702910
Ion Ratio Lower Upper
106 100
91 214.0 158.9 238.3





#69

o-Xylene

Concen: 64.056 ug/l

RT: 12.274 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072565.D

Acq: 19 May 2022 19:16

Instrument :

MSVOA_N

ClientSampleId :

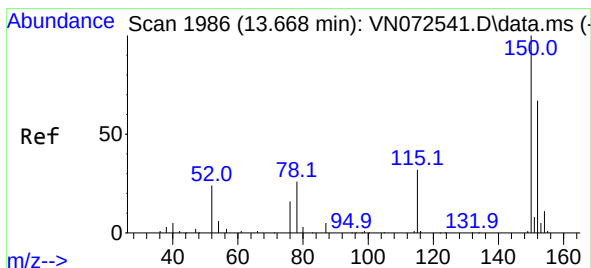
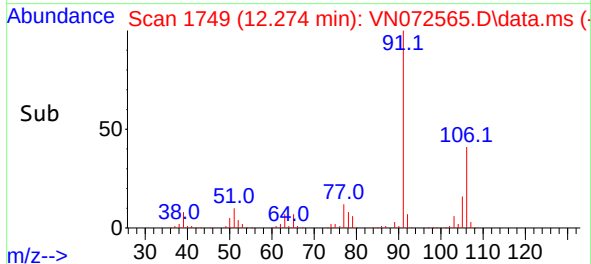
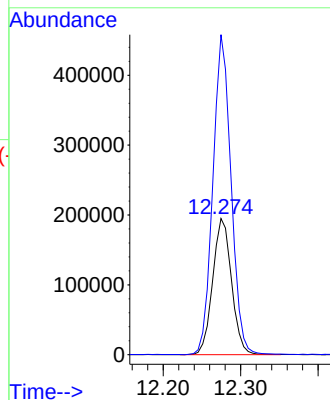
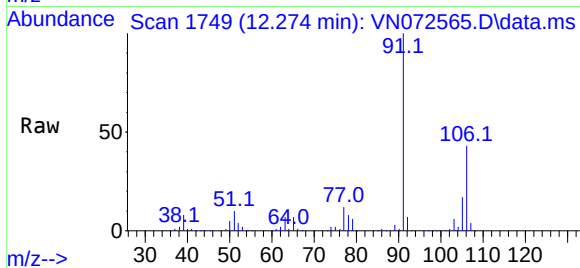
31608

Tgt Ion:106 Resp: 329317

Ion Ratio Lower Upper

106 100

91 227.2 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.669 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VN072565.D

Acq: 19 May 2022 19:16

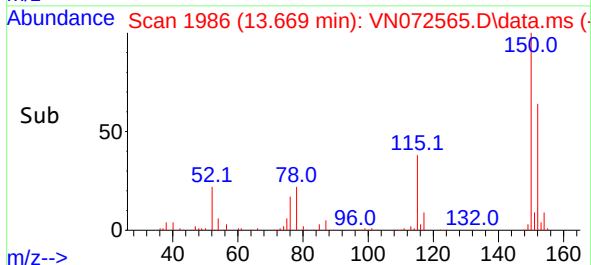
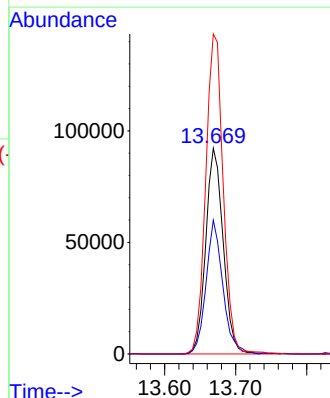
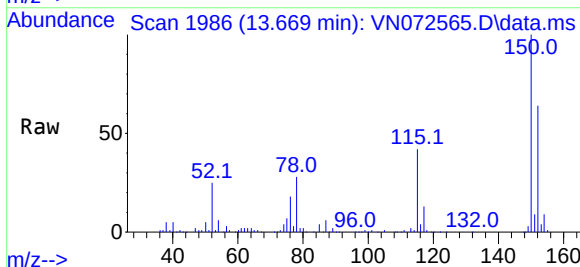
Tgt Ion:152 Resp: 157703

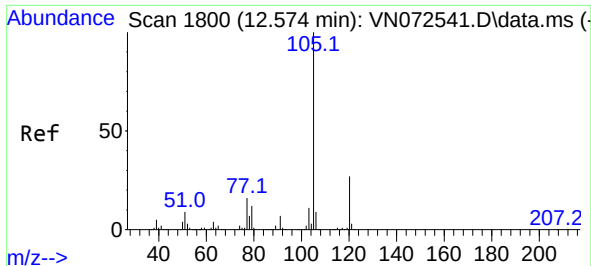
Ion Ratio Lower Upper

152 100

115 62.7 28.9 86.7

150 155.7 0.0 356.2

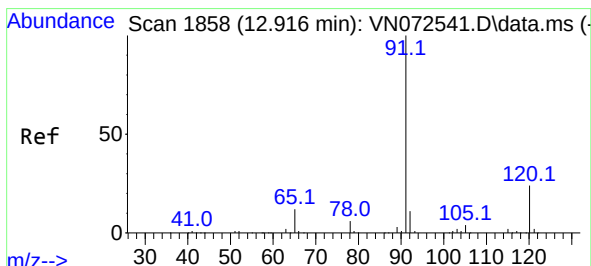
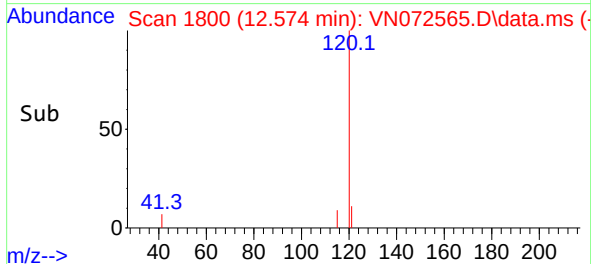
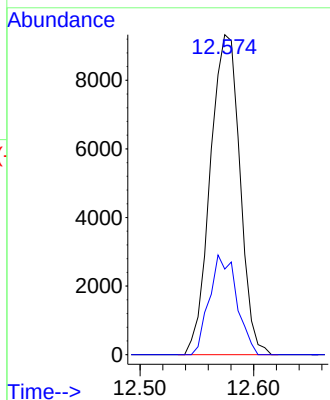
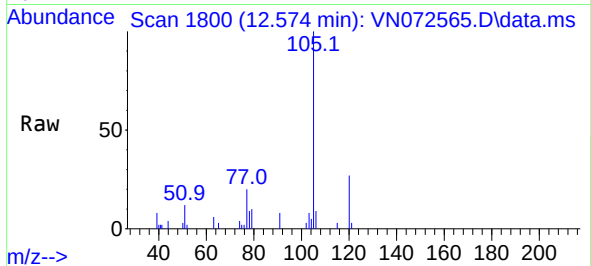




#73
Isopropylbenzene
Concen: 1.295 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

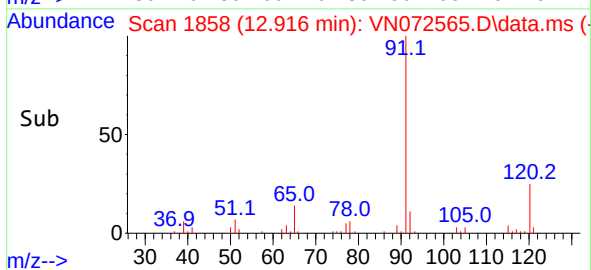
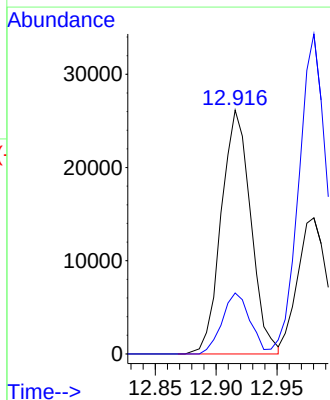
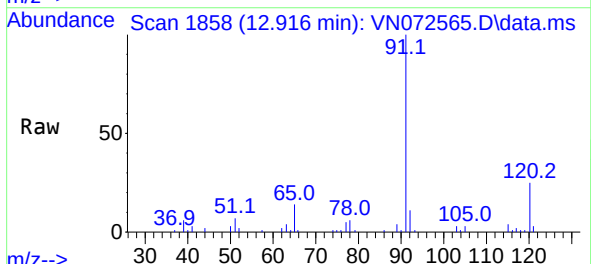
Instrument :
MSVOA_N
ClientSampleId :
31608

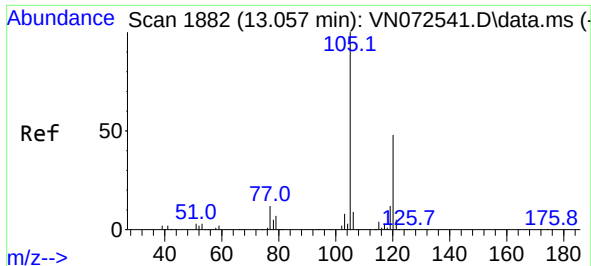
Tgt Ion:105 Resp: 16880
Ion Ratio Lower Upper
105 100
120 28.8 13.5 40.4



#78
n-propylbenzene
Concen: 3.098 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

Tgt Ion: 91 Resp: 44174
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5

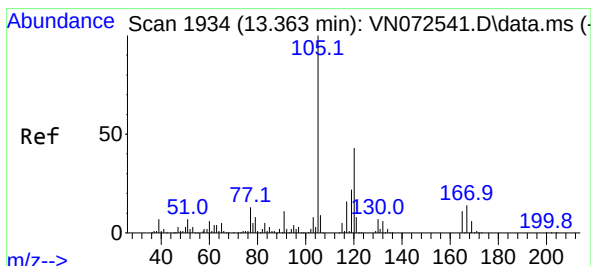
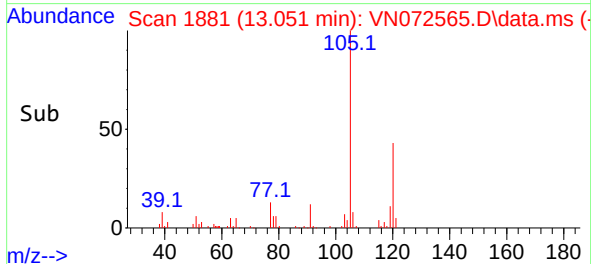
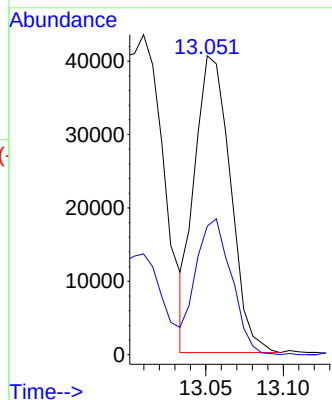
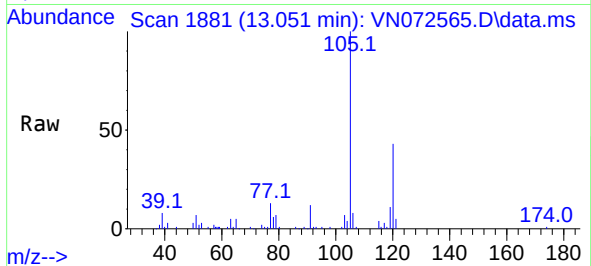




#80
1,3,5-Trimethylbenzene
Concen: 5.756 ug/l
RT: 13.051 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

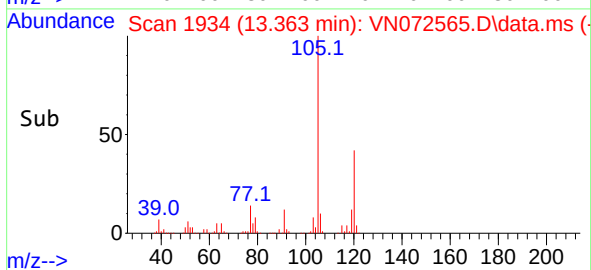
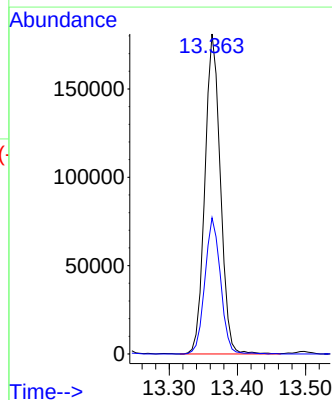
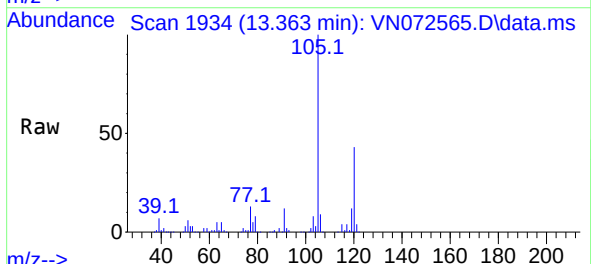
Instrument :
MSVOA_N
ClientSampleId :
31608

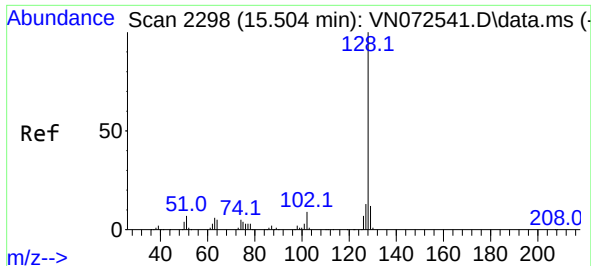
Tgt Ion:105 Resp: 65082
Ion Ratio Lower Upper
105 100
120 45.8 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 26.405 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072565.D
Acq: 19 May 2022 19:16

Tgt Ion:105 Resp: 286393
Ion Ratio Lower Upper
105 100
120 43.0 23.3 69.8





#95

Naphthalene

Concen: 2.792 ug/l

RT: 15.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072565.D

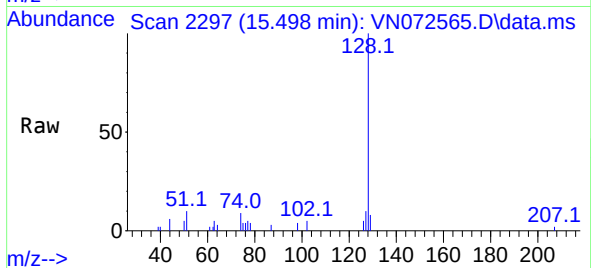
Acq: 19 May 2022 19:16

Instrument :

MSVOA_N

ClientSampleId :

31608



Tgt Ion:128 Resp: 19399

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.1 8.6 13.0

