

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
 Data File : VN072383.D
 Acq On : 09 May 2022 18:10
 Operator : JC\MD
 Sample : N2754-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A748

Quant Time: May 10 06:47:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	272667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	512834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	563177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	237662	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	194778	46.530	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.060%
35) Dibromofluoromethane	8.022	113	153294	46.701	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.400%
50) Toluene-d8	10.439	98	662394	51.357	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.720%
62) 4-Bromofluorobenzene	12.727	95	268542	62.728	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	125.460%

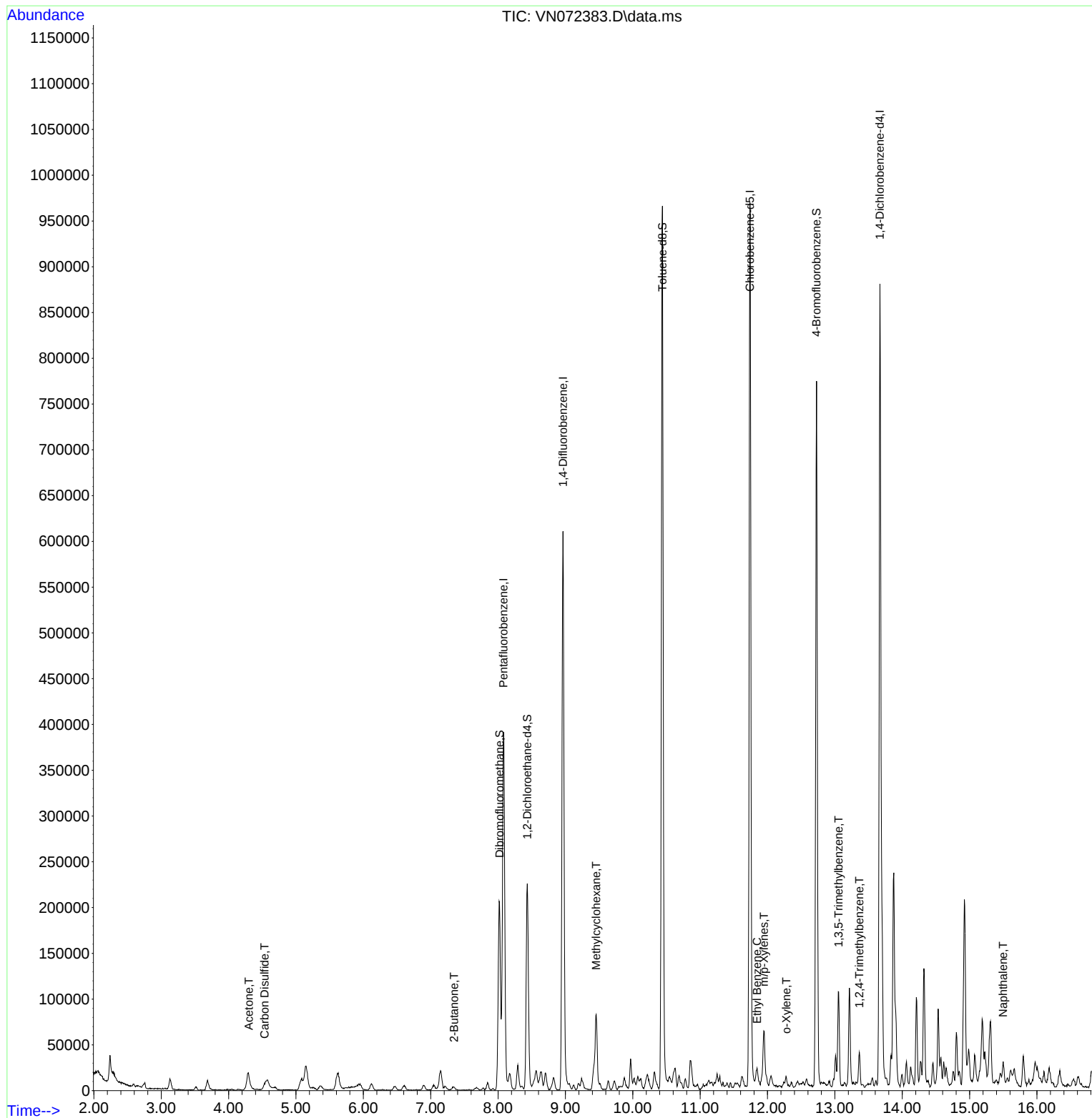
Target Compounds					Qvalue	
16) Acetone	4.298	43	36503	20.226	ug/l	# 85
17) Carbon Disulfide	4.534	76	11684	2.256	ug/l	# 91
25) 2-Butanone	7.345	43	6520	2.268	ug/l	100
39) Methylcyclohexane	9.457	83	33212	6.215	ug/l	98
67) Ethyl Benzene	11.845	91	10561	0.532	ug/l	89
68) m/p-Xylenes	11.945	106	18607	2.525	ug/l	86
69) o-Xylene	12.280	106	2891	0.405	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	56847	3.252	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	21425	1.267	ug/l	98
95) Naphthalene	15.498	128	21993	5.932	ug/l	# 94

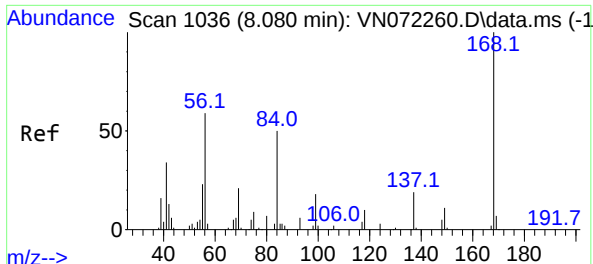
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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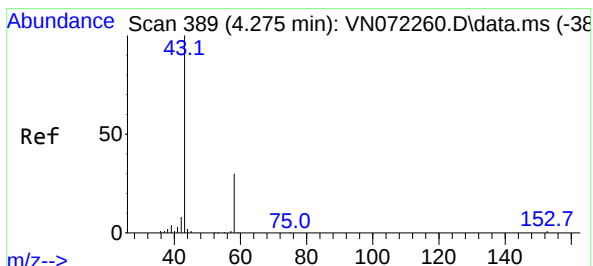
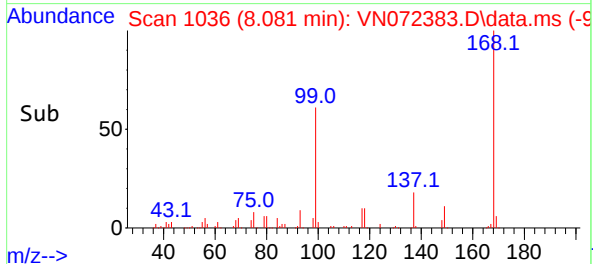
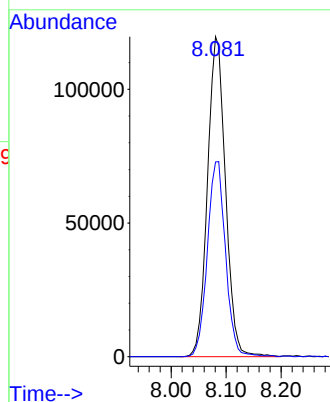
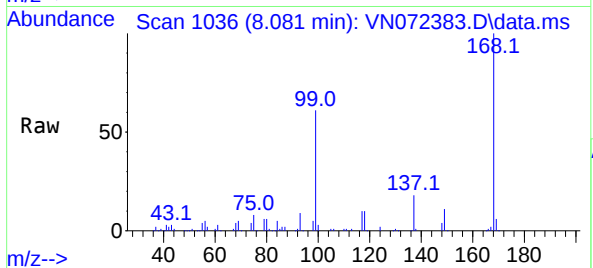




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072383.D
Acq: 09 May 2022 18:10

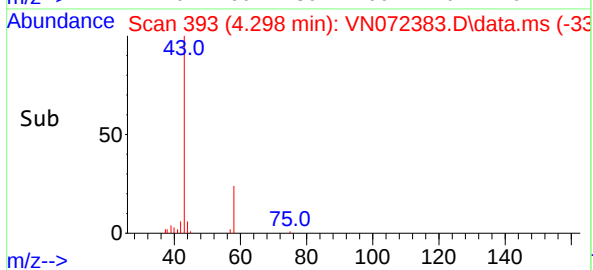
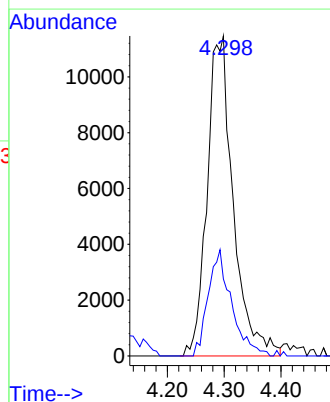
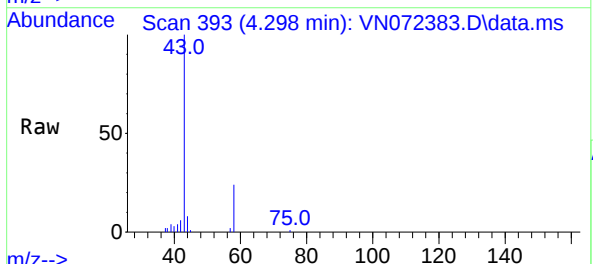
Instrument :
MSVOA_N
ClientSampleId :
A748

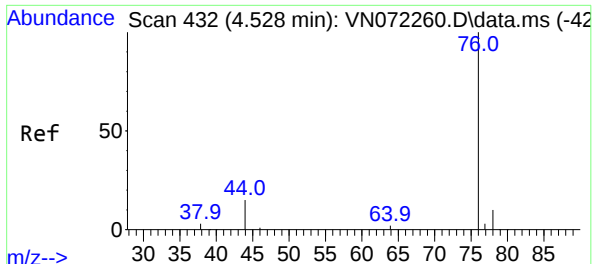
Tgt Ion:168 Resp: 272667
Ion Ratio Lower Upper
168 100
99 60.9 42.3 63.5



#16
Acetone
Concen: 20.226 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072383.D
Acq: 09 May 2022 18:10

Tgt Ion: 43 Resp: 36503
Ion Ratio Lower Upper
43 100
58 24.1 26.0 39.0#

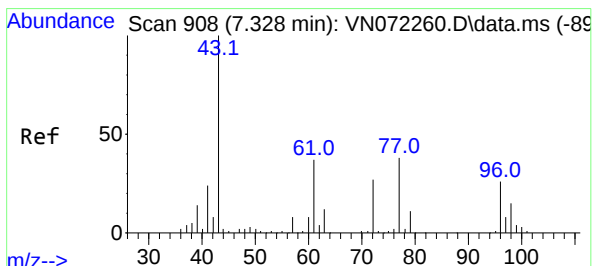
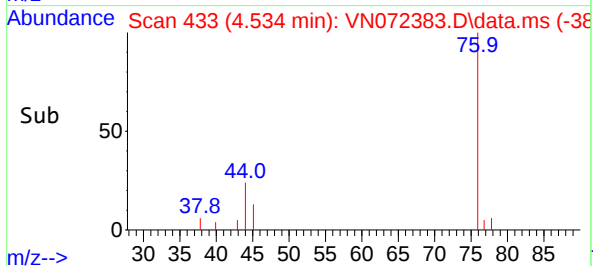
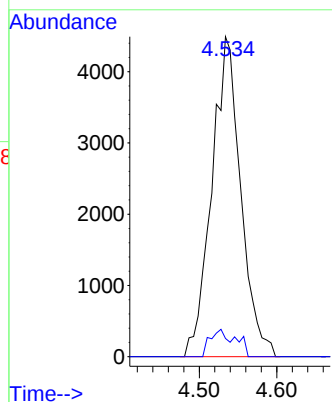
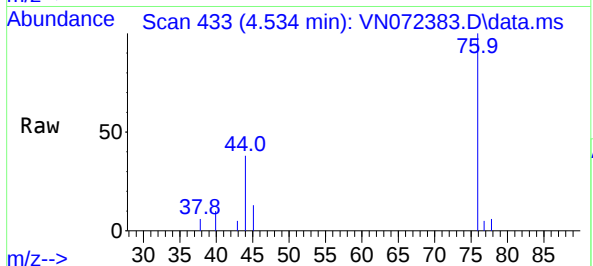




#17
Carbon Disulfide
Concen: 2.256 ug/l
RT: 4.534 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN072383.D
Acq: 09 May 2022 18:10

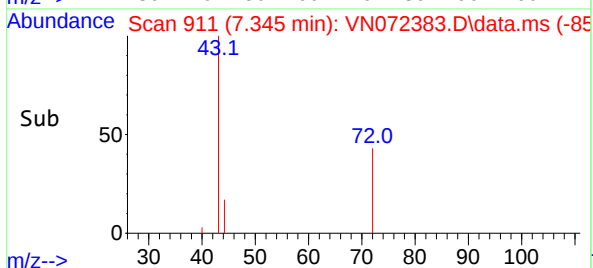
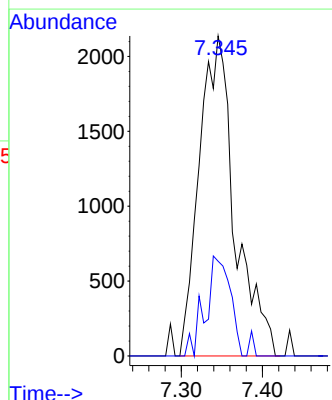
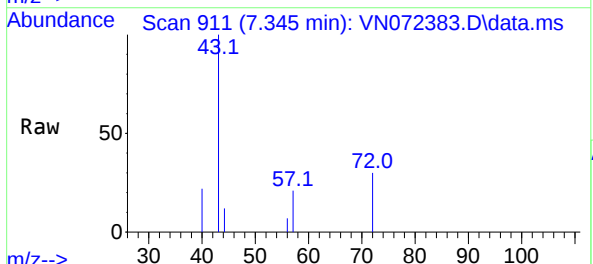
Instrument :
MSVOA_N
ClientSampleId :
A748

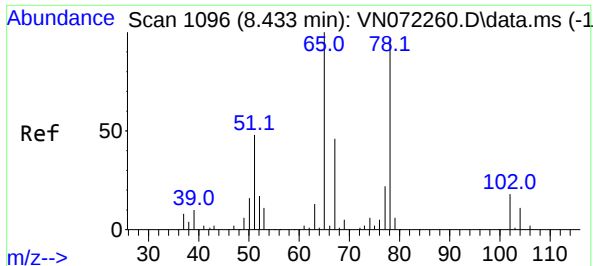
Tgt Ion: 76 Resp: 11684
Ion Ratio Lower Upper
76 100
78 5.7 7.2 10.8#



#25
2-Butanone
Concen: 2.268 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072383.D
Acq: 09 May 2022 18:10

Tgt Ion: 43 Resp: 6520
Ion Ratio Lower Upper
43 100
72 29.6 23.7 35.5





#33

1,2-Dichloroethane-d4

Concen: 46.530 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072383.D

Acq: 09 May 2022 18:10

Instrument :

MSVOA_N

ClientSampleId :

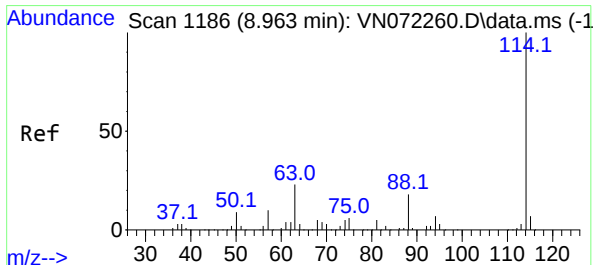
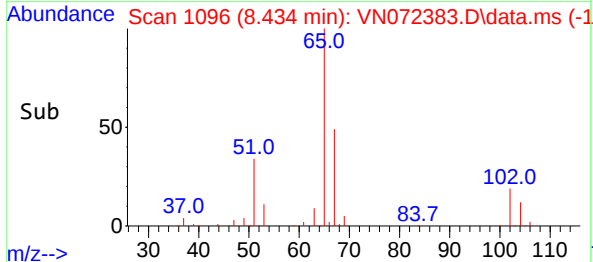
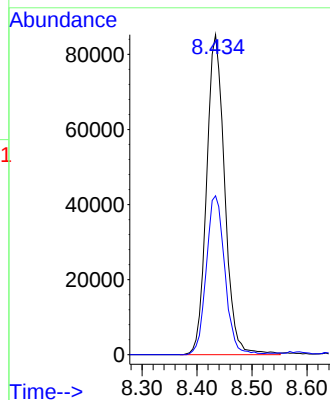
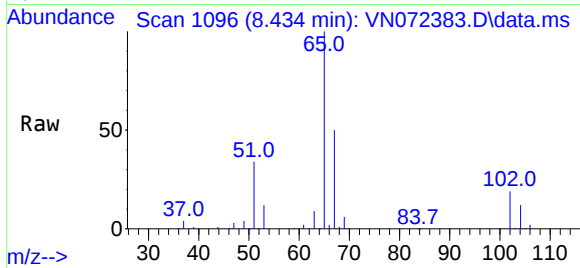
A748

Tgt Ion: 65 Resp: 194778

Ion Ratio Lower Upper

65 100

67 51.0 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: VN072383.D

Acq: 09 May 2022 18:10

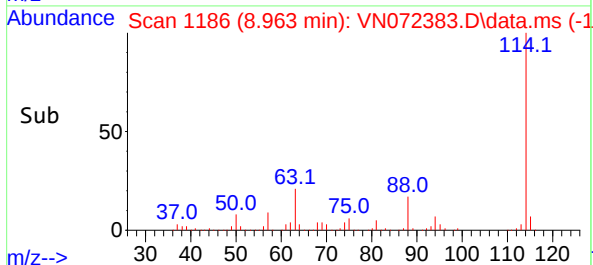
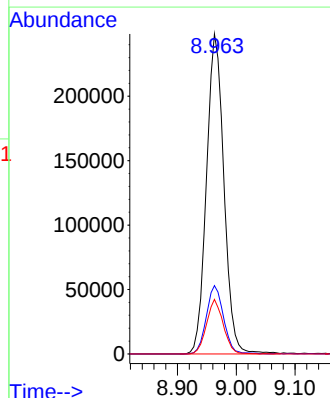
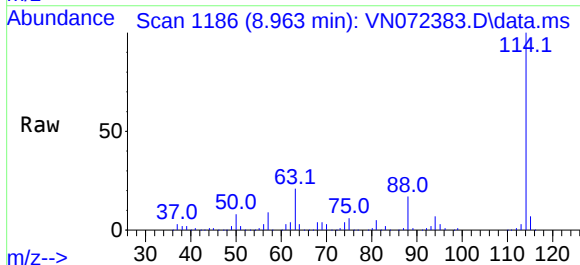
Tgt Ion: 114 Resp: 512834

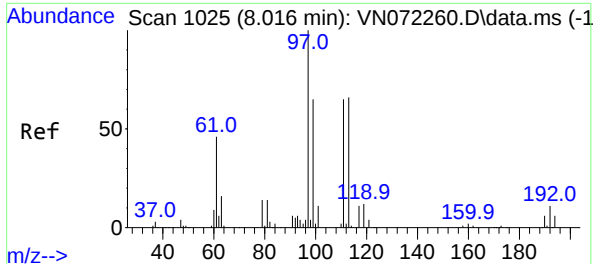
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.701 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072383.D

Acq: 09 May 2022 18:10

Instrument :

MSVOA_N

ClientSampleId :

A748

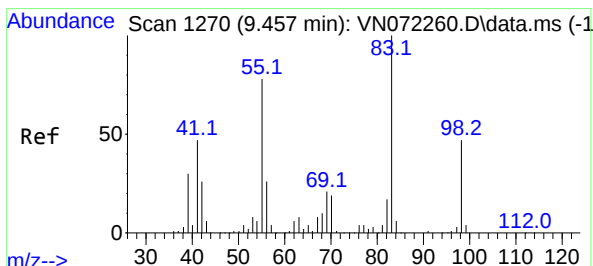
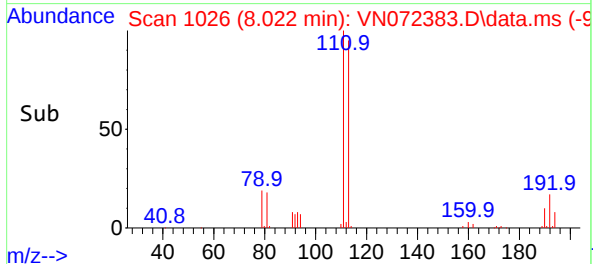
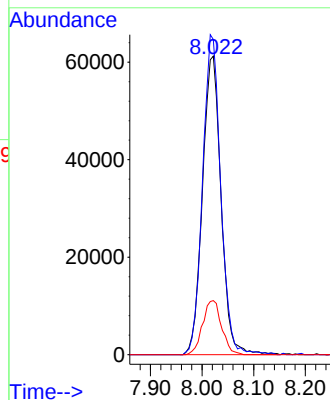
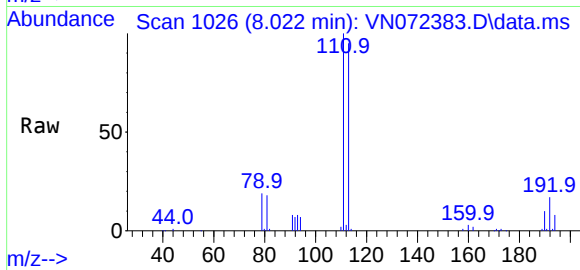
Tgt Ion:113 Resp: 153294

Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

192 18.4 17.0 25.6



#39

Methylcyclohexane

Concen: 6.215 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VN072383.D

Acq: 09 May 2022 18:10

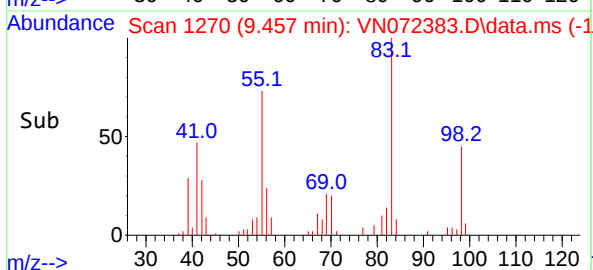
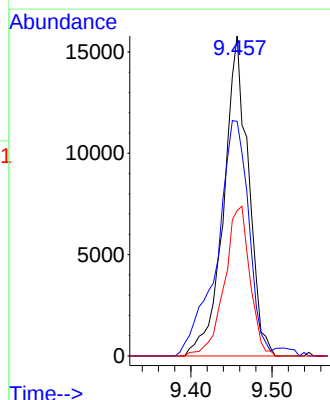
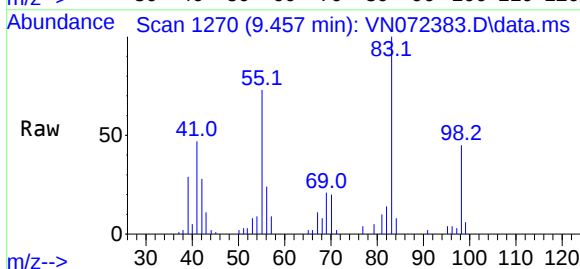
Tgt Ion: 83 Resp: 33212

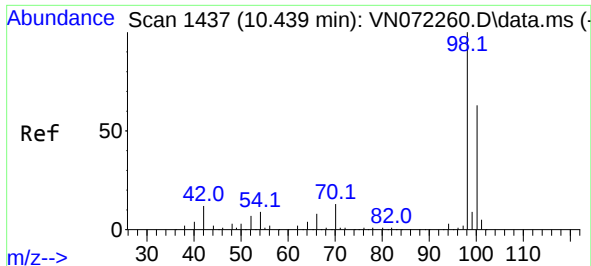
Ion Ratio Lower Upper

83 100

55 72.1 57.8 86.8

98 45.5 39.4 59.2

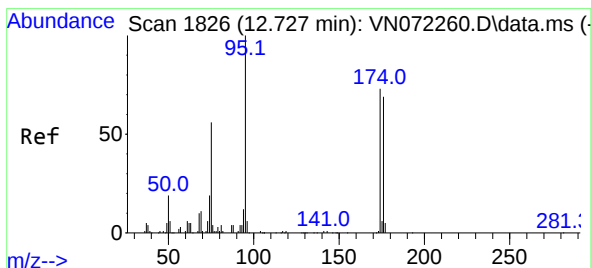
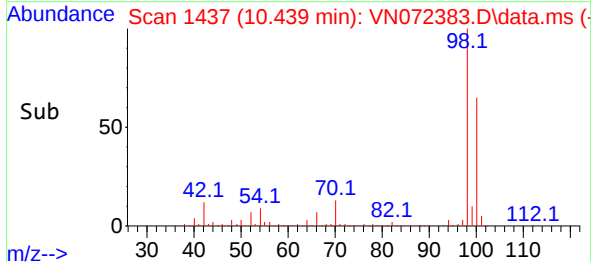
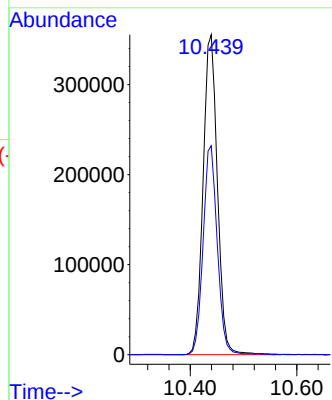
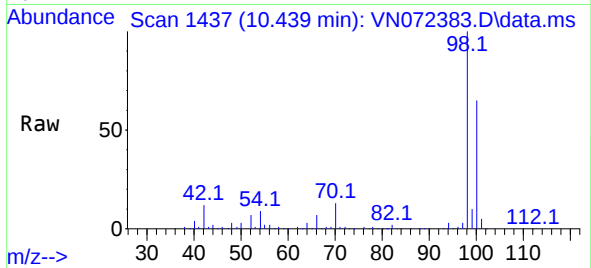




#50
Toluene-d8
Concen: 51.357 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072383.D
Acq: 09 May 2022 18:10

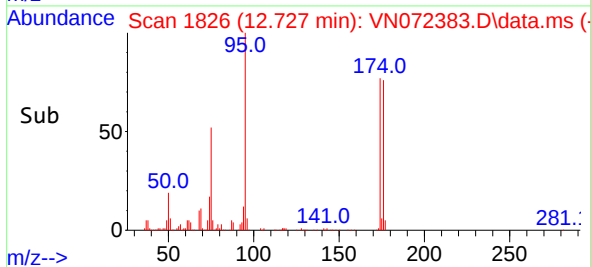
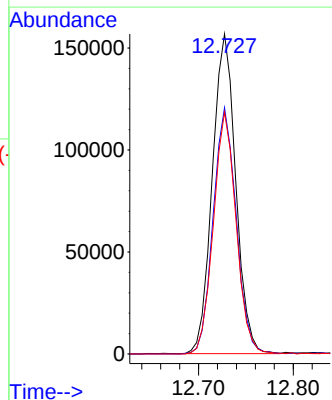
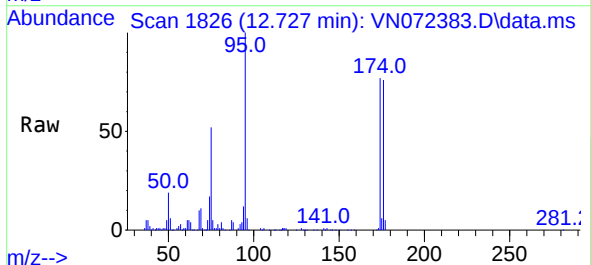
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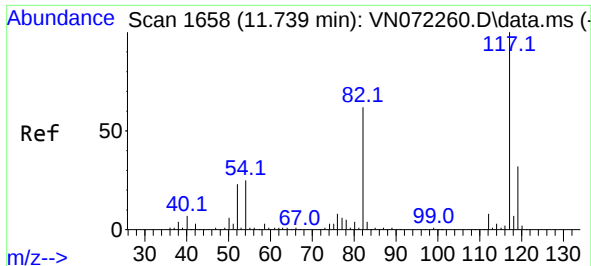
Tgt Ion: 98 Resp: 662394
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 62.728 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072383.D
Acq: 09 May 2022 18:10

Tgt Ion: 95 Resp: 268542
Ion Ratio Lower Upper
95 100
174 76.2 0.0 167.6
176 73.6 0.0 163.4

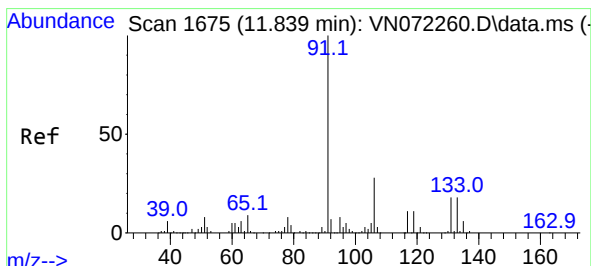
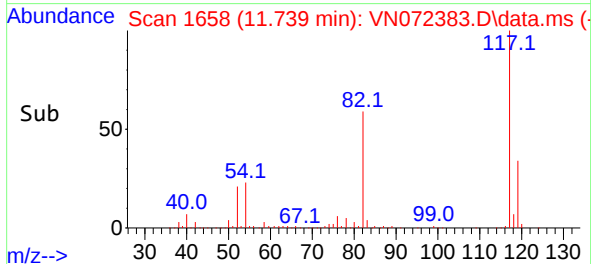
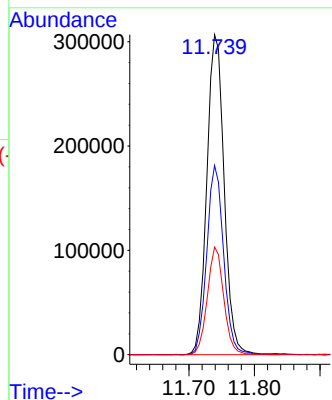
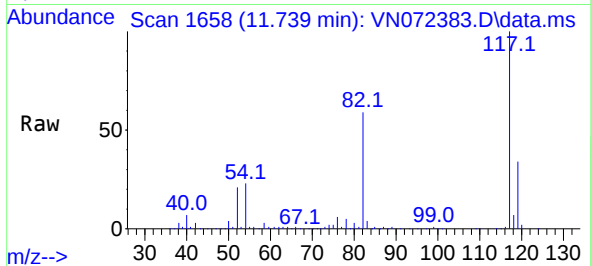




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072383.D
Acq: 09 May 2022 18:10

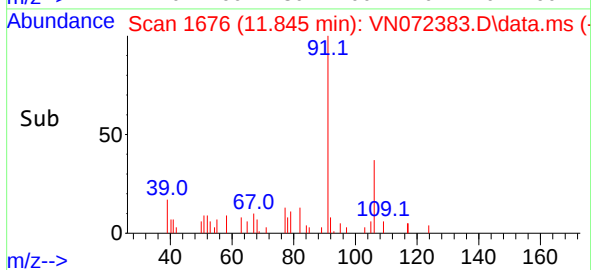
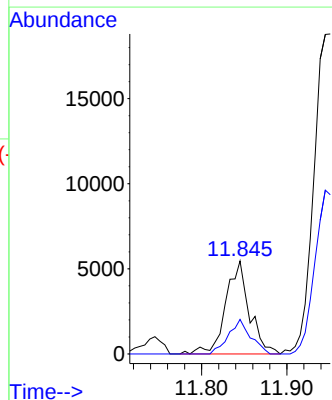
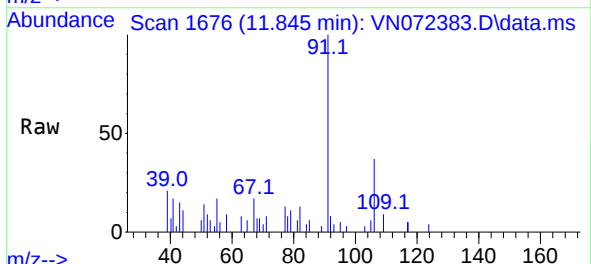
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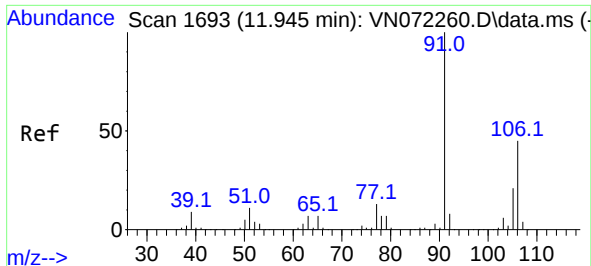
Tgt Ion:117 Resp: 563177
Ion Ratio Lower Upper
117 100
82 59.1 44.2 66.2
119 33.7 25.4 38.0



#67
Ethyl Benzene
Concen: 0.532 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN072383.D
Acq: 09 May 2022 18:10

Tgt Ion: 91 Resp: 10561
Ion Ratio Lower Upper
91 100
106 37.3 24.9 37.3

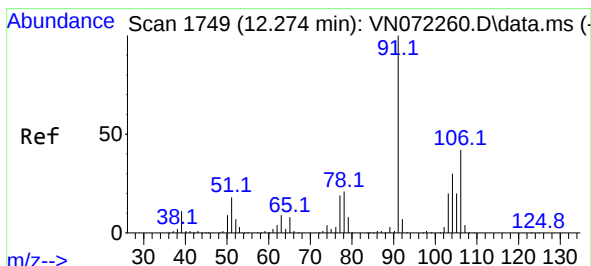
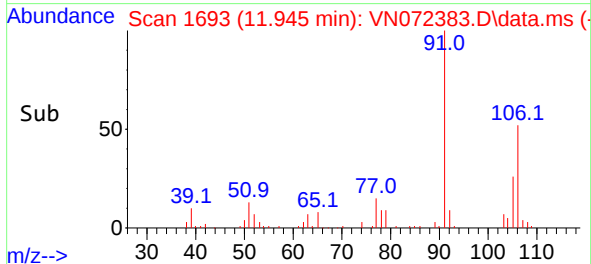
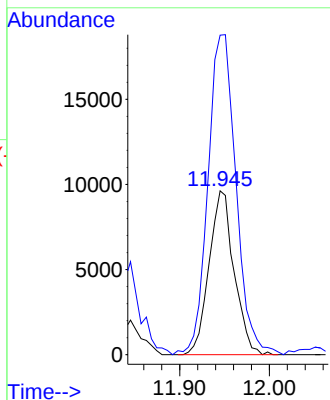
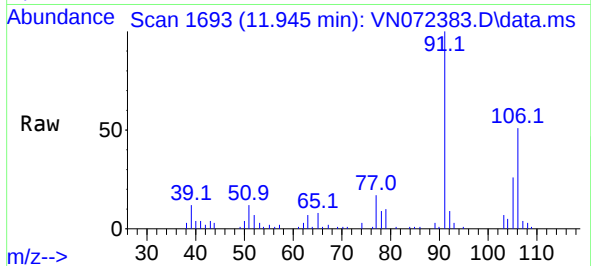




#68
m/p-Xylenes
Concen: 2.525 ug/l
RT: 11.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072383.D
Acq: 09 May 2022 18:10

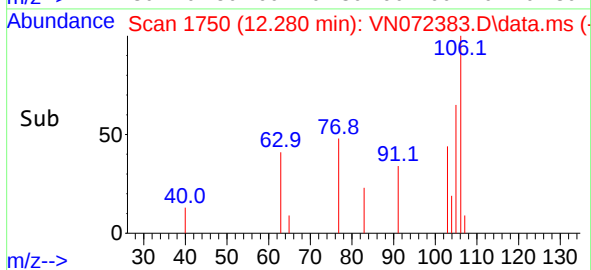
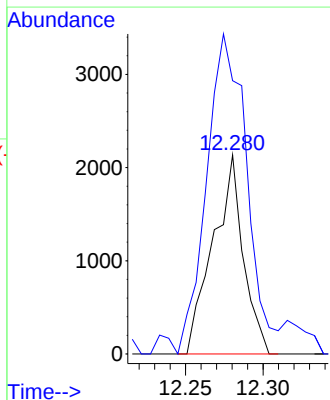
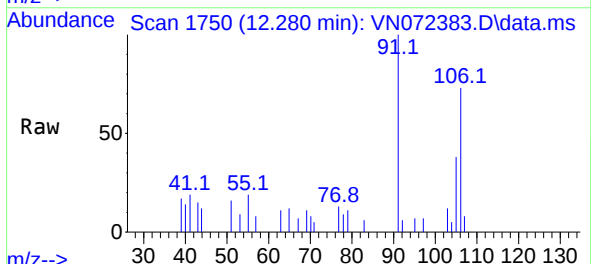
Instrument :
MSVOA_N
ClientSampleId :
A748

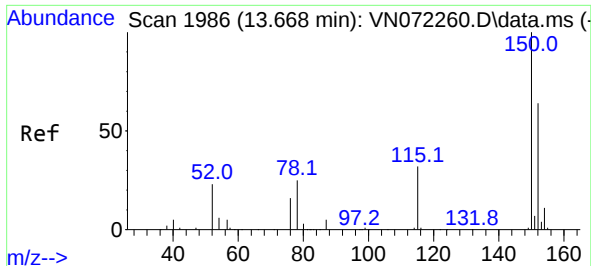
Tgt Ion:106 Resp: 18607
Ion Ratio Lower Upper
106 100
91 219.0 158.9 238.3



#69
o-Xylene
Concen: 0.405 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.005 min
Lab File: VN072383.D
Acq: 09 May 2022 18:10

Tgt Ion:106 Resp: 2891
Ion Ratio Lower Upper
106 100
91 217.7 106.0 318.0

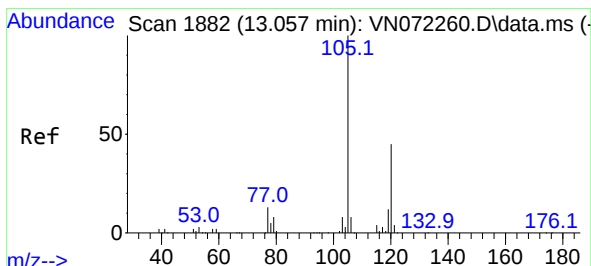
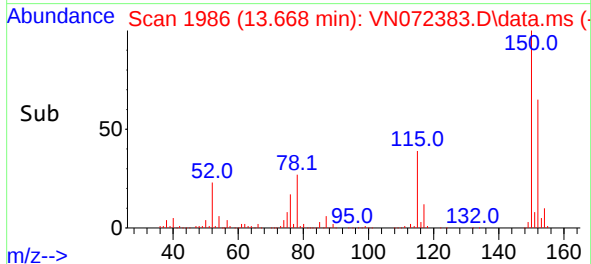
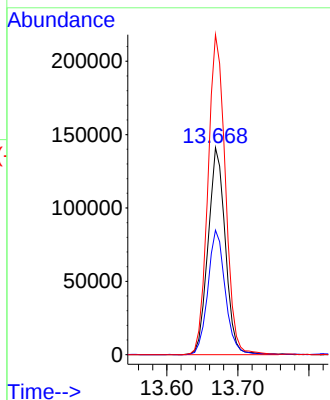
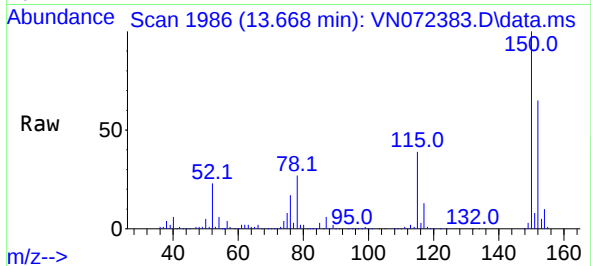




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072383.D
 Acq: 09 May 2022 18:10

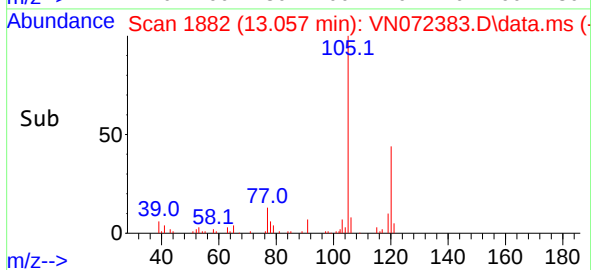
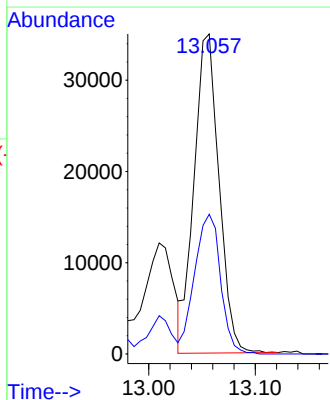
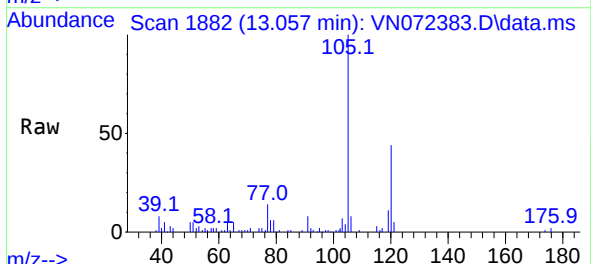
Instrument :
 MSVOA_N
 ClientSampleId :
 A748

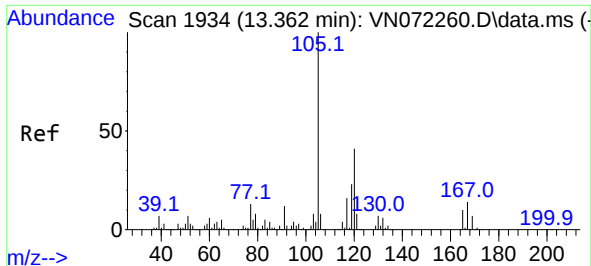
Tgt Ion:152 Resp: 237662
 Ion Ratio Lower Upper
 152 100
 115 61.2 28.9 86.7
 150 156.4 0.0 356.2



#80
 1,3,5-Trimethylbenzene
 Concen: 3.252 ug/l
 RT: 13.057 min Scan# 1882
 Delta R.T. 0.006 min
 Lab File: VN072383.D
 Acq: 09 May 2022 18:10

Tgt Ion:105 Resp: 56847
 Ion Ratio Lower Upper
 105 100
 120 45.6 24.9 74.7

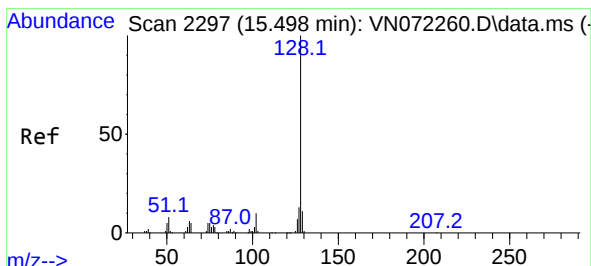
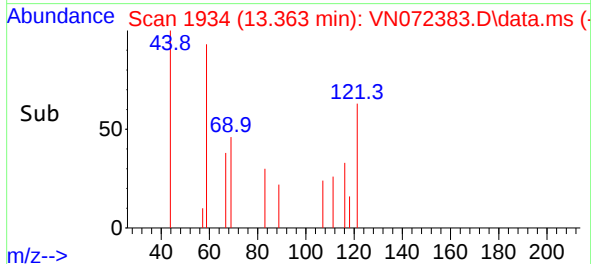
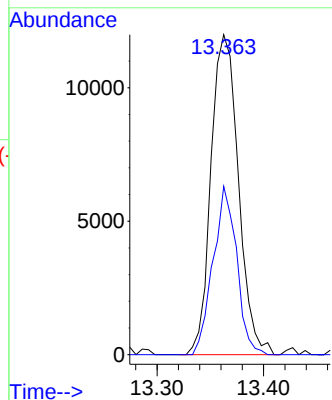
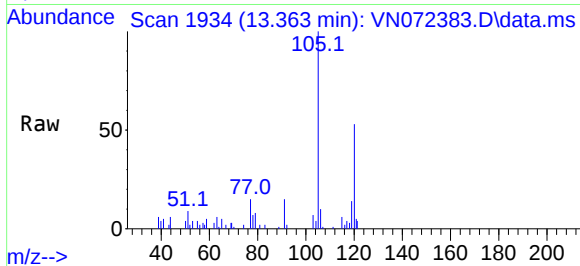




#84
1,2,4-Trimethylbenzene
Concen: 1.267 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072383.D
Acq: 09 May 2022 18:10

Instrument :
MSVOA_N
ClientSampleId :
A748

Tgt Ion:105 Resp: 21425
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8



#95
Naphthalene
Concen: 5.932 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072383.D
Acq: 09 May 2022 18:10

Tgt Ion:128 Resp: 21993
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 14.1 8.6 13.0#

