

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050622\
 Data File : VN072367.D
 Acq On : 06 May 2022 20:13
 Operator : JC\MD
 Sample : N2672-06ME
 Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 06ME

Quant Time: May 09 03:17:17 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)

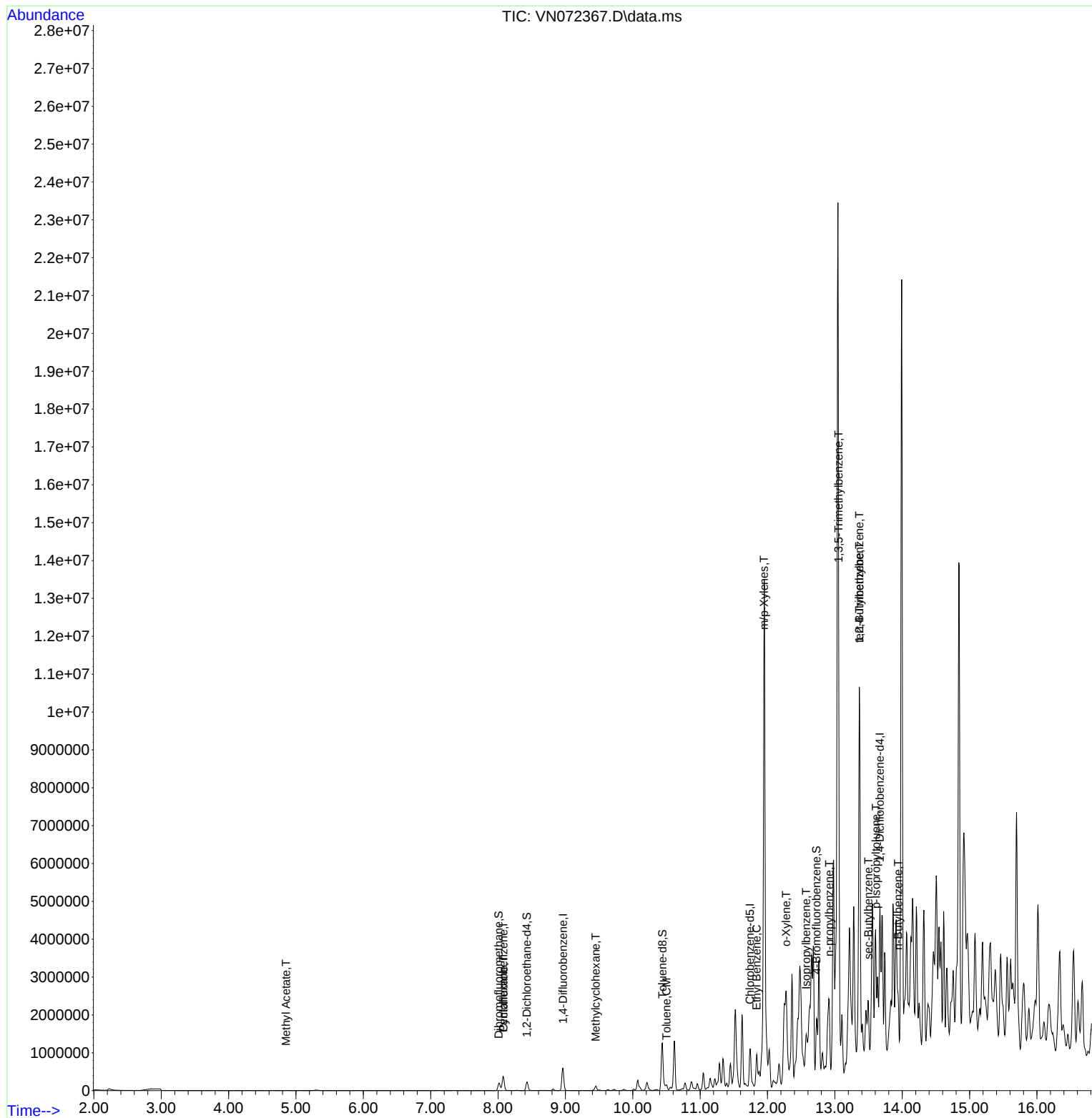
Internal Standards						
1) Pentafluorobenzene	8.081	168	273128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	525543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	621975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	305521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	195902	46.720	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	93.440%	
35) Dibromofluoromethane	8.010	113	151534	45.049	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	90.100%	
50) Toluene-d8	10.439	98	722539	54.665	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	109.320%	
62) 4-Bromofluorobenzene	12.727	95	331671	75.600	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	151.200%#	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.851	43	6183	1.185	ug/l #	64
31) Cyclohexane	8.081	56	7765	1.386	ug/l #	20
39) Methylcyclohexane	9.451	83	47203	8.620	ug/l	95
52) Toluene	10.498	92	61083	6.728	ug/l	96
67) Ethyl Benzene	11.839	91	544035	24.823	ug/l	99
68) m/p-Xylenes	11.945	106	753355	92.568	ug/l	93
69) o-Xylene	12.275	106	475424	60.258	ug/l	94
73) Isopropylbenzene	12.575	105	436513	16.177	ug/l	99
78) n-propylbenzene	12.916	91	1374816	46.249	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	1531451	68.148	ug/l	96
83) tert-Butylbenzene	13.363	119	659819	33.441	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.363	105	5462653	251.239	ug/l	97
85) sec-Butylbenzene	13.498	105	727438	28.279	ug/l	88
86) p-Isopropyltoluene	13.610	119	460025	22.939	ug/l	97
89) n-Butylbenzene	13.939	91	1075157	69.993	ug/l #	70

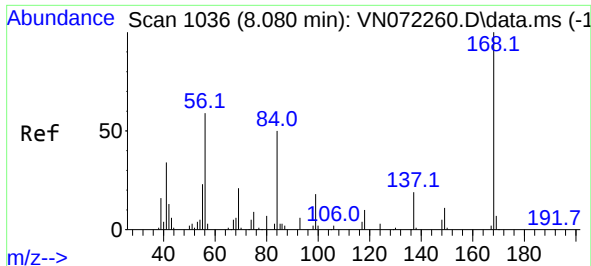
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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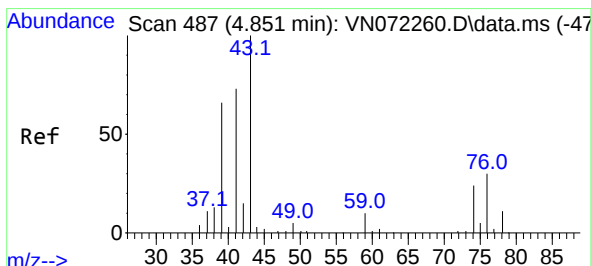
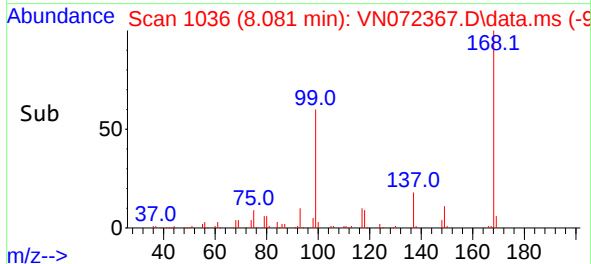
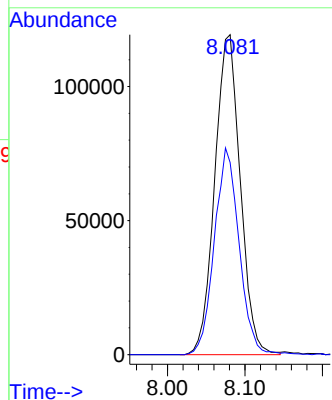
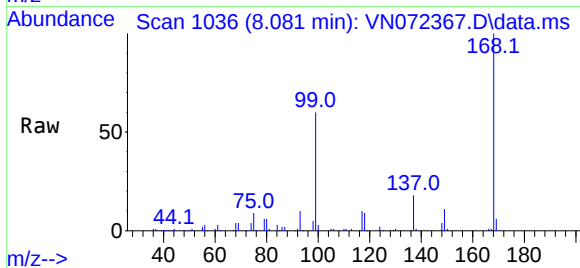




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072367.D
Acq: 06 May 2022 20:13

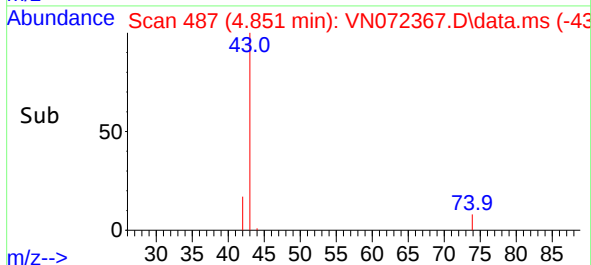
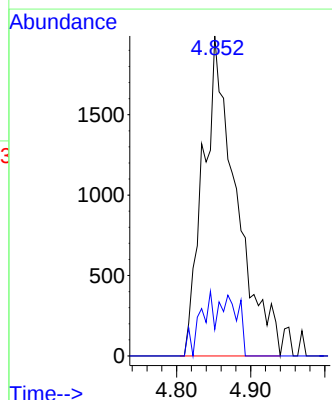
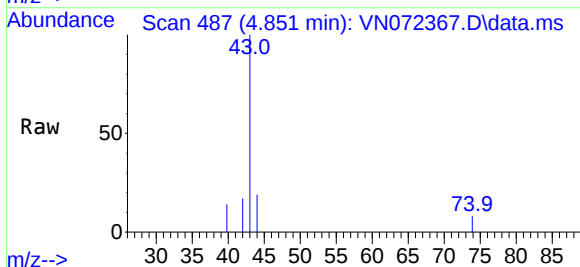
Instrument :
MSVOA_N
ClientSampleId :
06ME

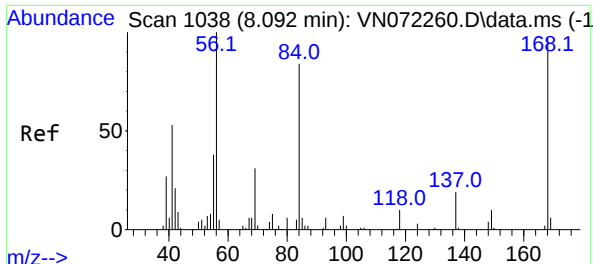
Tgt Ion:168 Resp: 273128
Ion Ratio Lower Upper
168 100
99 60.0 42.3 63.5



#18
Methyl Acetate
Concen: 1.185 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072367.D
Acq: 06 May 2022 20:13

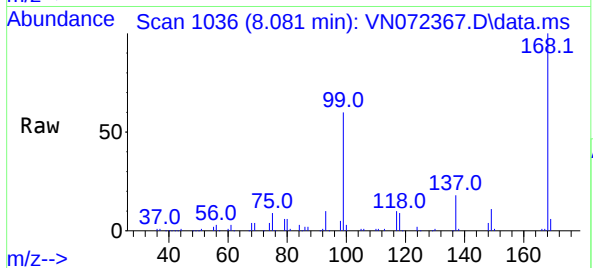
Tgt Ion: 43 Resp: 6183
Ion Ratio Lower Upper
43 100
74 8.5 21.6 32.4#



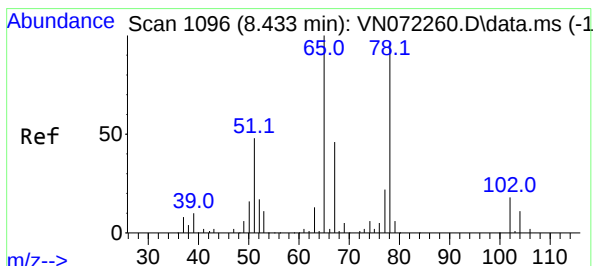
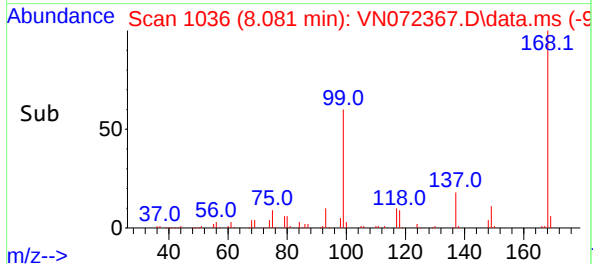
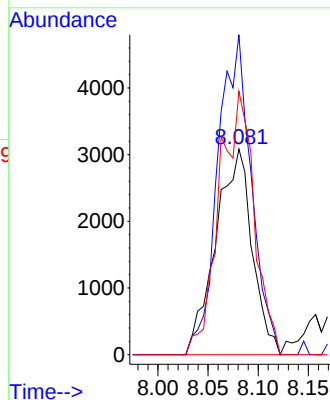


#31
Cyclohexane
Concen: 1.386 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072367.D
Acq: 06 May 2022 20:13

Instrument :
MSVOA_N
ClientSampleId :
06ME

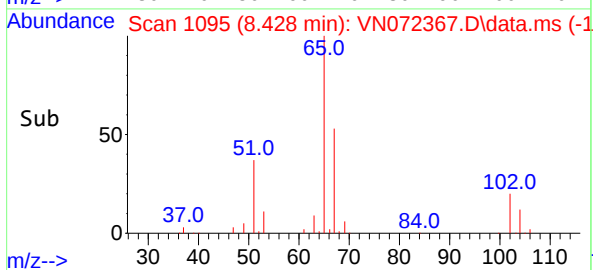
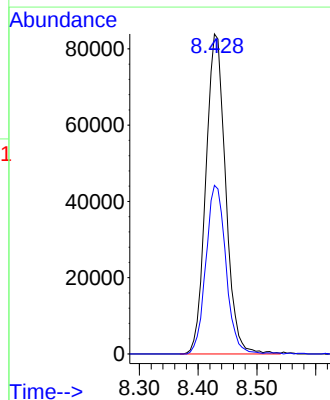
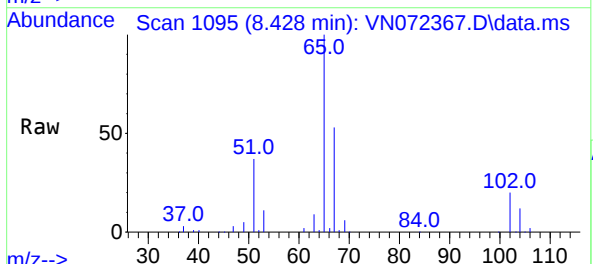


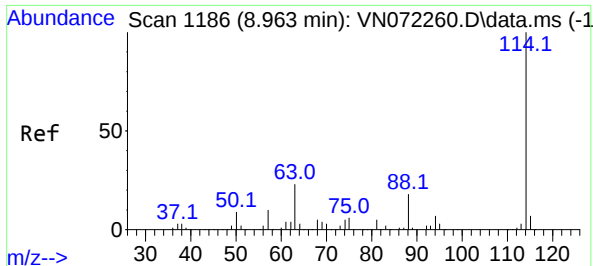
Tgt Ion: 56 Resp: 7765
Ion Ratio Lower Upper
56 100
69 155.7 27.8 41.8#
84 128.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 46.720 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN072367.D
Acq: 06 May 2022 20:13

Tgt Ion: 65 Resp: 195902
Ion Ratio Lower Upper
65 100
67 53.2 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: VN072367.D

Acq: 06 May 2022 20:13

Instrument :

MSVOA_N

ClientSampleId :

06ME

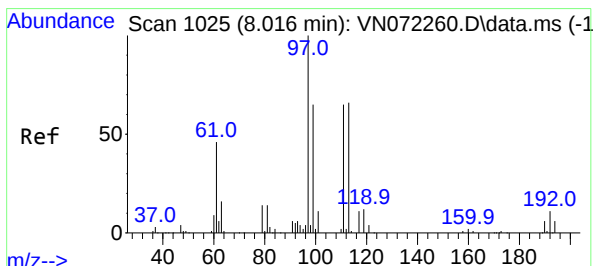
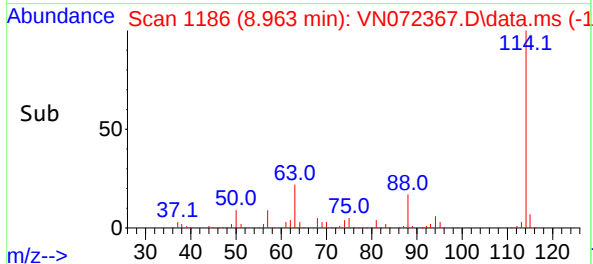
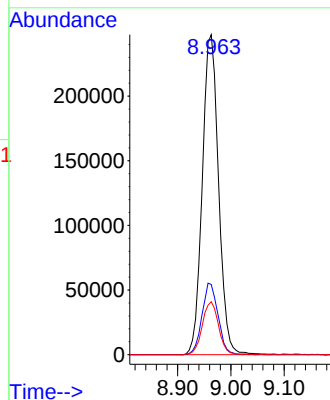
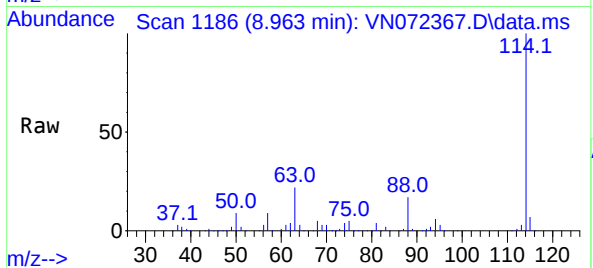
Tgt Ion:114 Resp: 525543

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 45.049 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.006 min

Lab File: VN072367.D

Acq: 06 May 2022 20:13

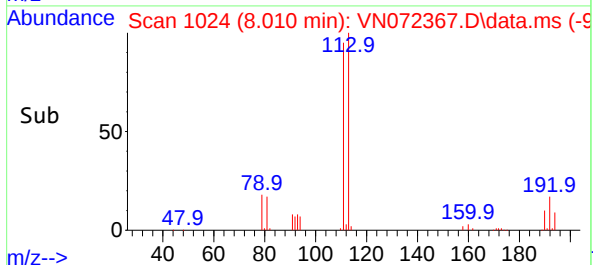
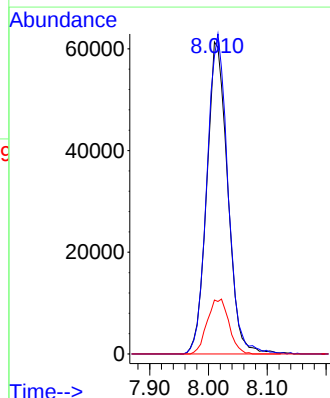
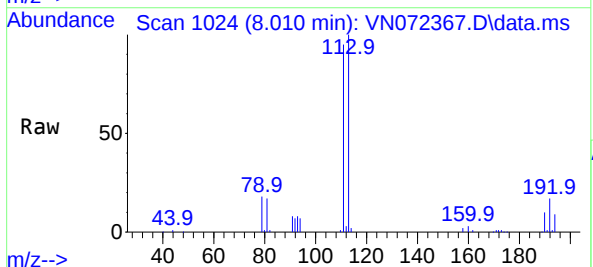
Tgt Ion:113 Resp: 151534

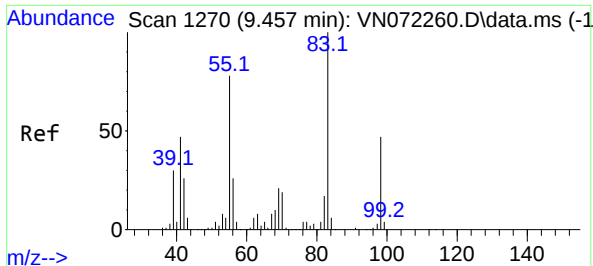
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 18.3 17.0 25.6





#39

Methylcyclohexane

Concen: 8.620 ug/l

RT: 9.451 min Scan# 1270

Delta R.T. -0.006 min

Lab File: VN072367.D

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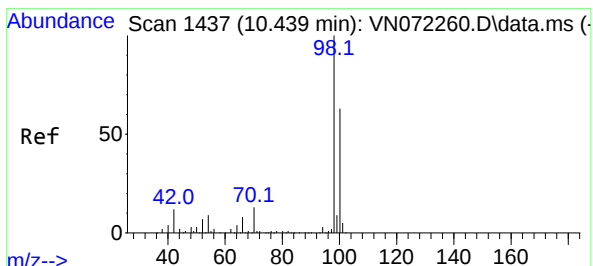
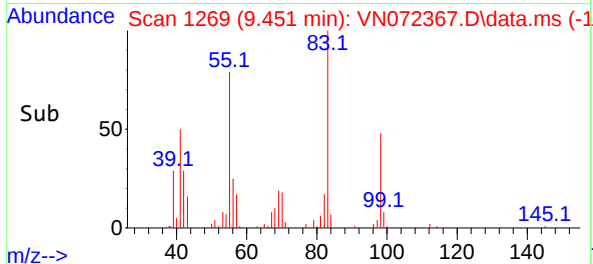
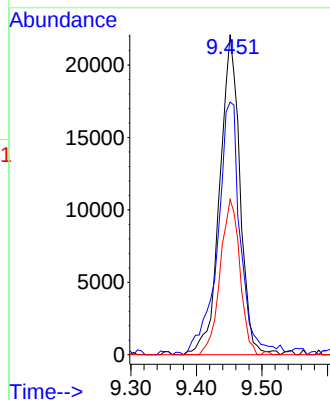
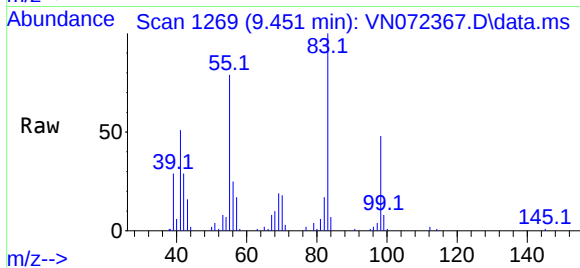
Tgt Ion: 83 Resp: 47203

Ion Ratio Lower Upper

83 100

55 78.3 57.8 86.8

98 48.5 39.4 59.2



#50

Toluene-d8

Concen: 54.665 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072367.D

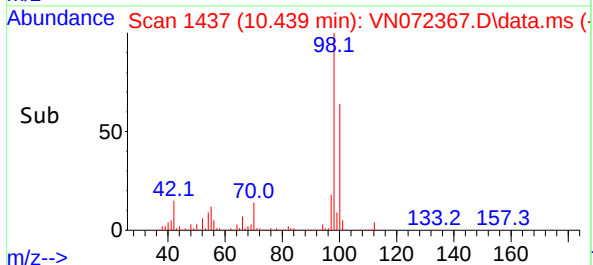
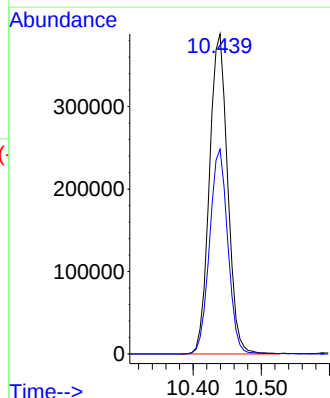
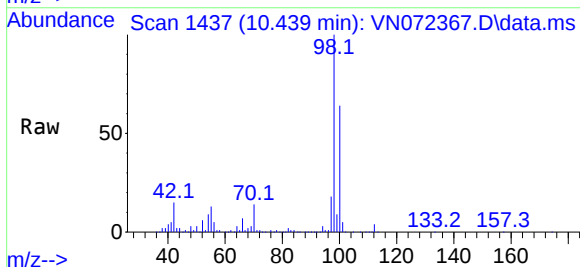
Acq: 06 May 2022 20:13

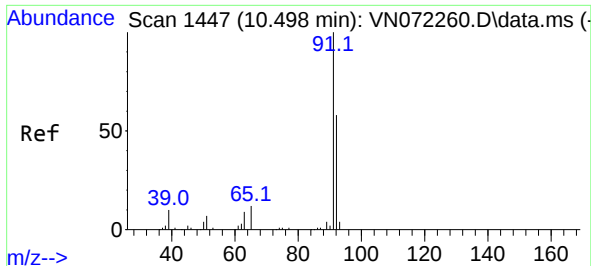
Tgt Ion: 98 Resp: 722539

Ion Ratio Lower Upper

98 100

100 64.0 52.6 78.8

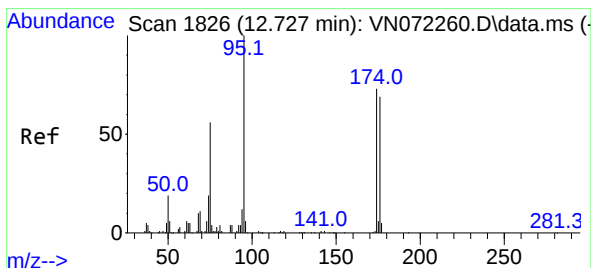
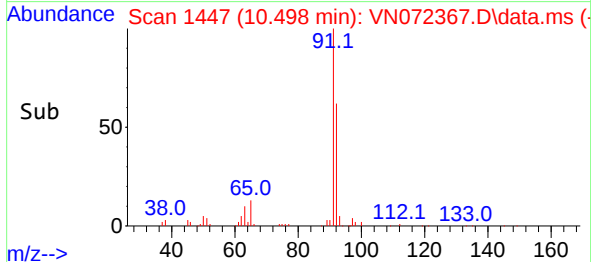
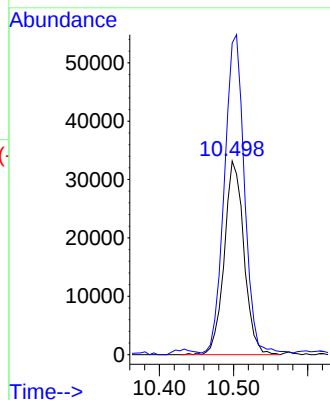
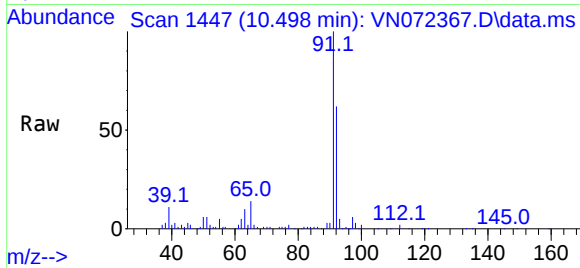




#52
Toluene
Concen: 6.728 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072367.D
Acq: 06 May 2022 20:13

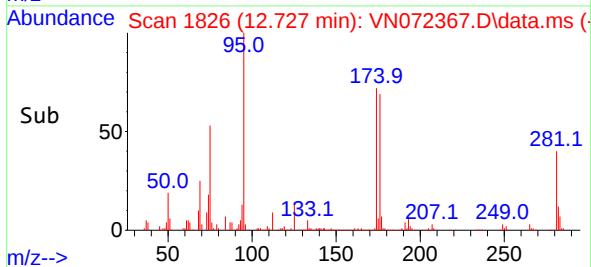
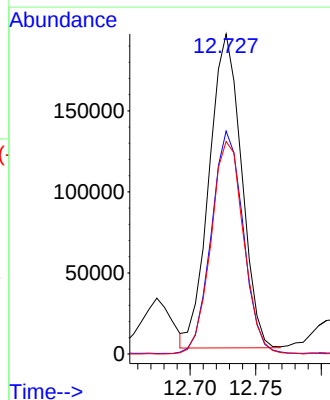
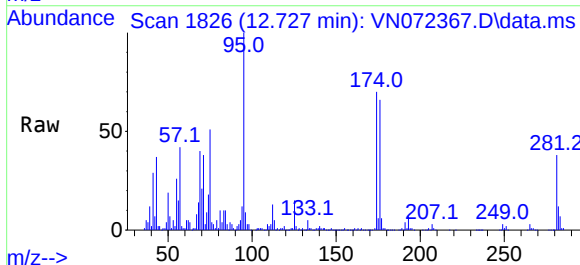
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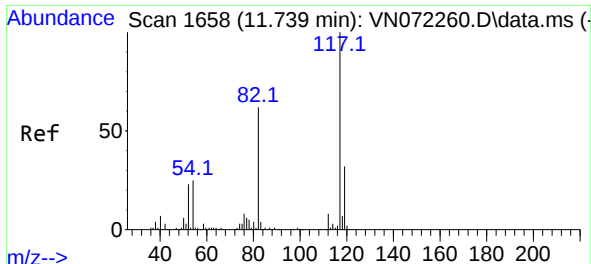
Tgt Ion: 92 Resp: 61083
Ion Ratio Lower Upper
92 100
91 167.3 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 75.600 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072367.D
Acq: 06 May 2022 20:13

Tgt Ion: 95 Resp: 331671
Ion Ratio Lower Upper
95 100
174 69.8 0.0 167.6
176 68.4 0.0 163.4

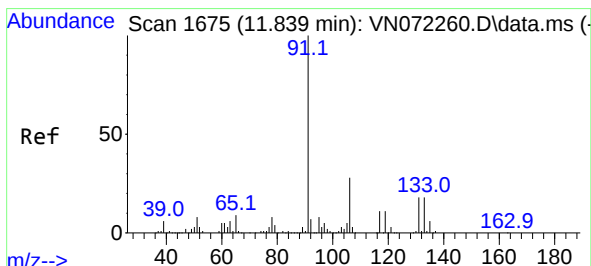
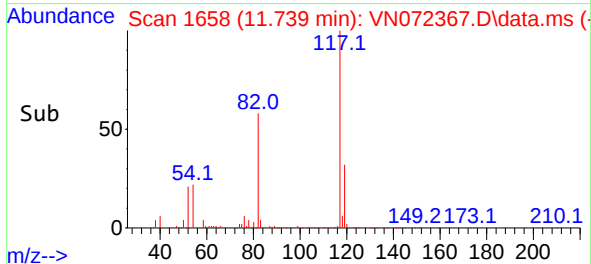
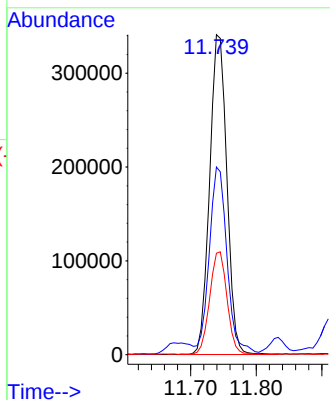
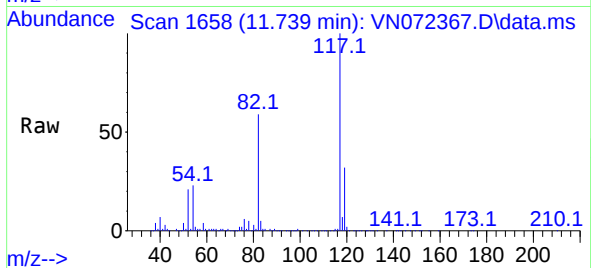




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072367.D
Acq: 06 May 2022 20:13

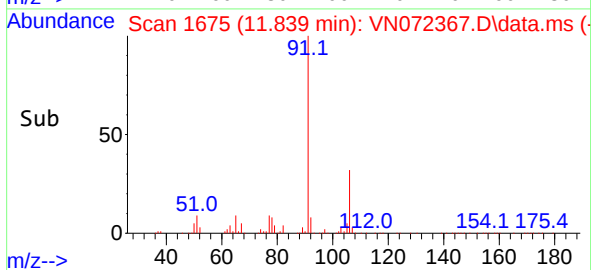
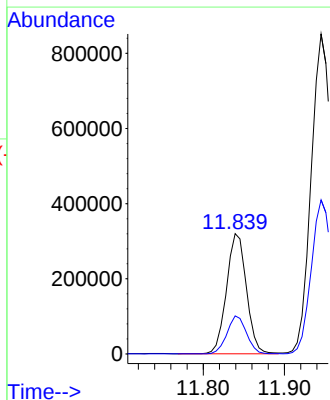
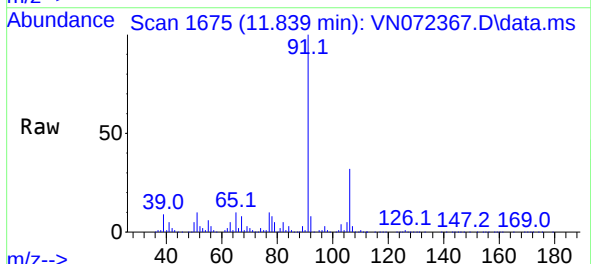
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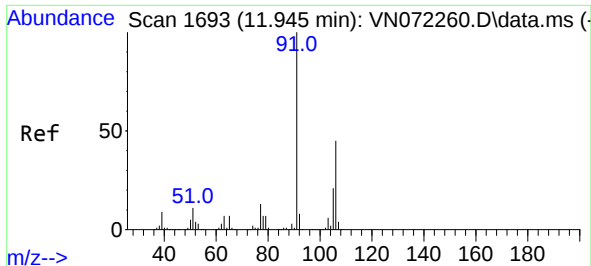
Tgt Ion:117 Resp: 621975
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 31.6 25.4 38.0



#67
Ethyl Benzene
Concen: 24.823 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072367.D
Acq: 06 May 2022 20:13

Tgt Ion: 91 Resp: 544035
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

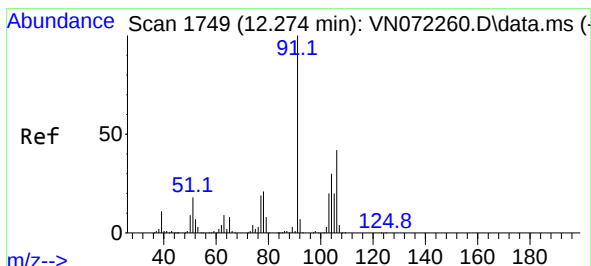
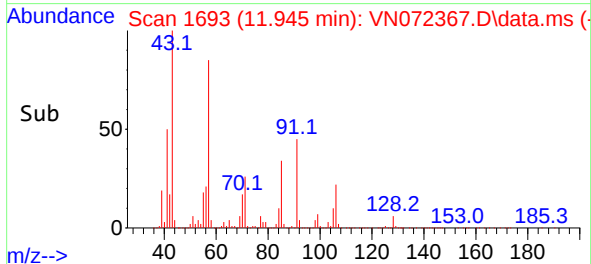
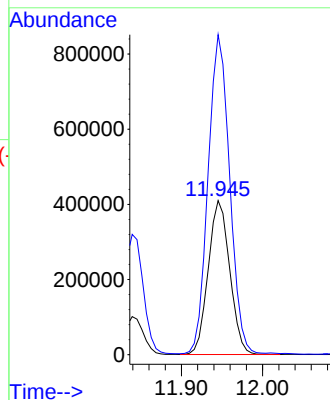
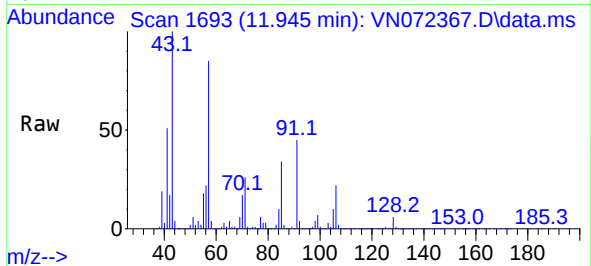




#68
m/p-Xylenes
Concen: 92.568 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072367.D
Acq: 06 May 2022 20:13

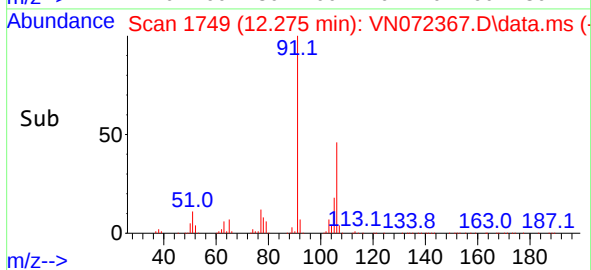
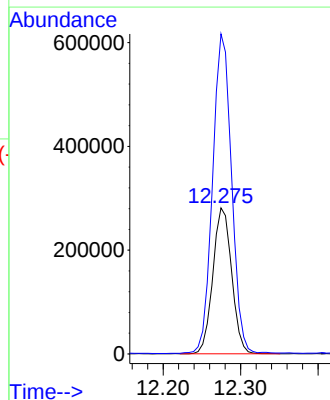
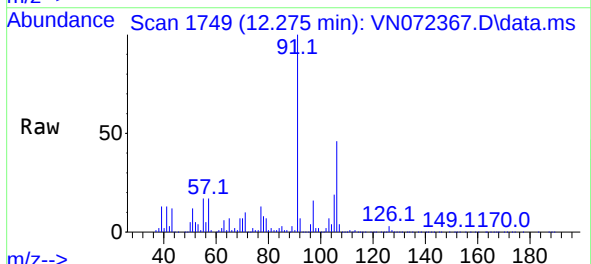
Instrument :
MSVOA_N
ClientSampleId :
06ME

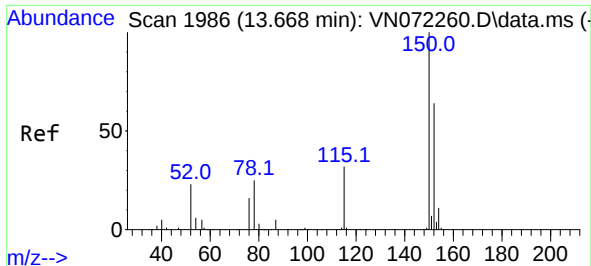
Tgt Ion:106 Resp: 753355
Ion Ratio Lower Upper
106 100
91 209.4 158.9 238.3



#69
o-Xylene
Concen: 60.258 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072367.D
Acq: 06 May 2022 20:13

Tgt Ion:106 Resp: 475424
Ion Ratio Lower Upper
106 100
91 221.4 106.0 318.0

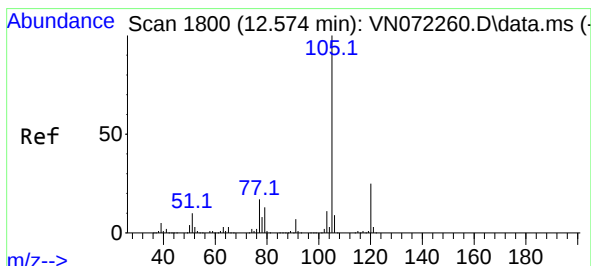
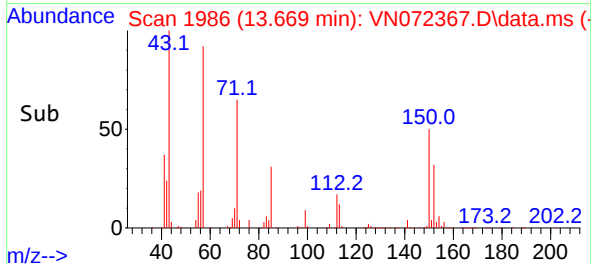
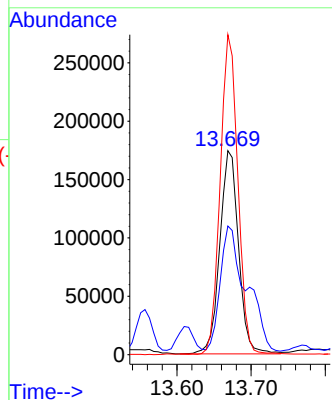
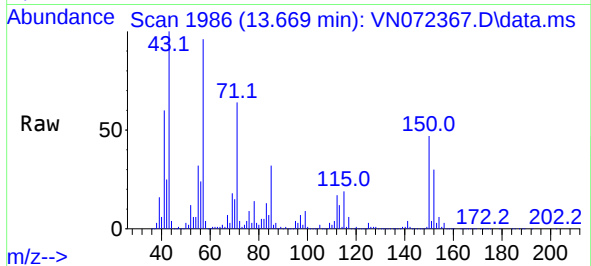




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072367.D
Acq: 06 May 2022 20:13

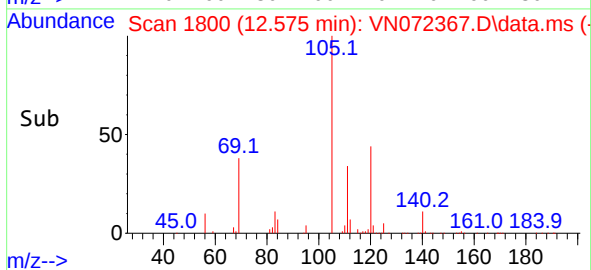
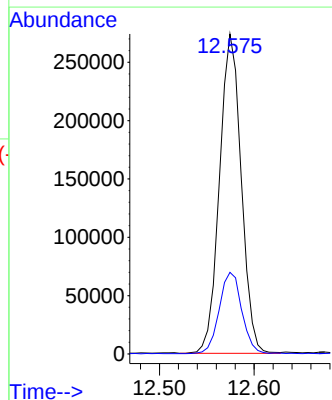
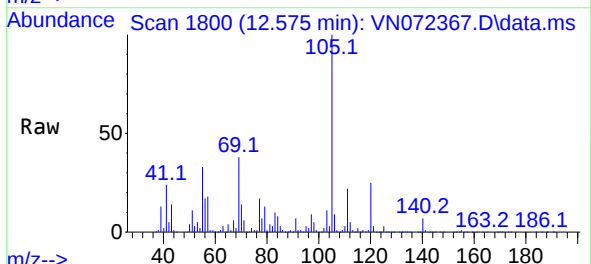
Instrument :
MSVOA_N
ClientSampleId :
06ME

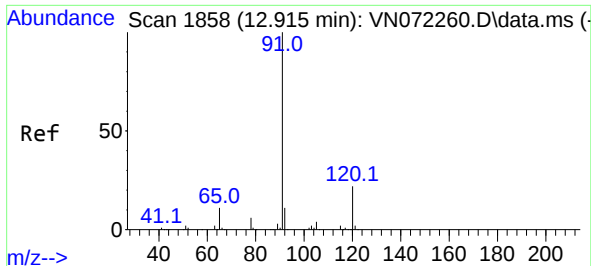
Tgt Ion:152 Resp: 305521
Ion Ratio Lower Upper
152 100
115 85.3 28.9 86.7
150 148.2 0.0 356.2



#73
Isopropylbenzene
Concen: 16.177 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072367.D
Acq: 06 May 2022 20:13

Tgt Ion:105 Resp: 436513
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4

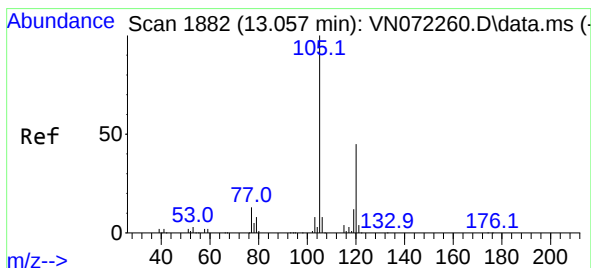
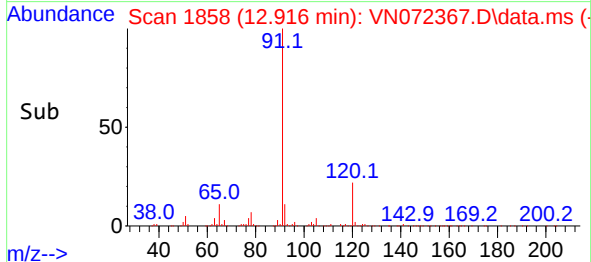
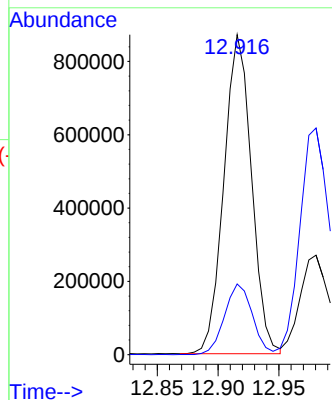
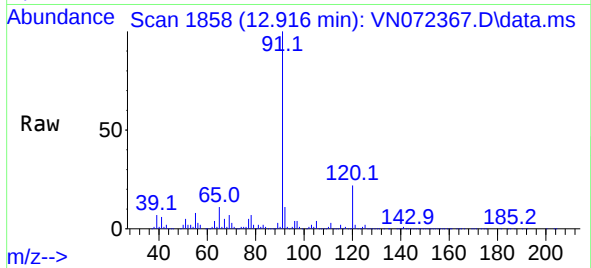




#78
n-propylbenzene
Concen: 46.249 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072367.D
Acq: 06 May 2022 20:13

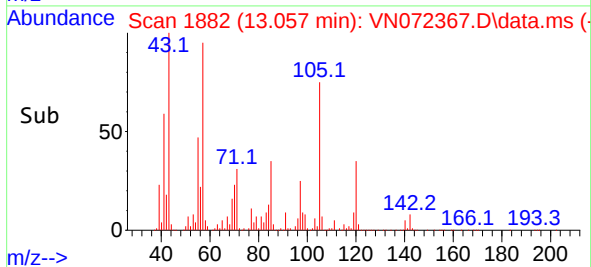
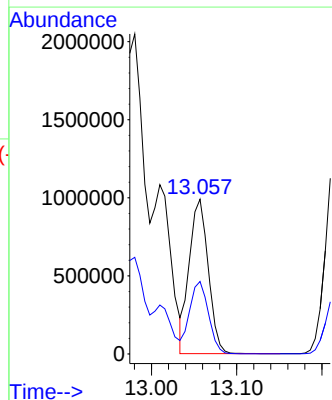
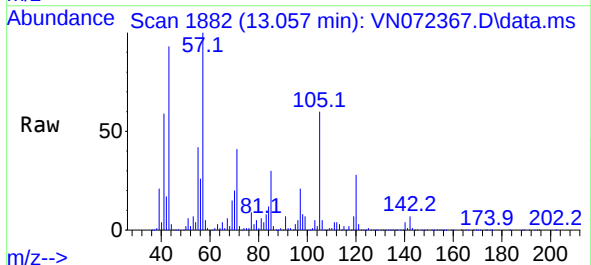
Instrument :
MSVOA_N
ClientSampleId :
06ME

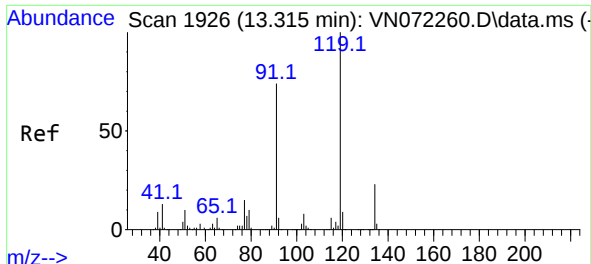
Tgt Ion: 91 Resp: 1374816
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 68.148 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072367.D
Acq: 06 May 2022 20:13

Tgt Ion: 105 Resp: 1531451
Ion Ratio Lower Upper
105 100
120 46.8 24.9 74.7

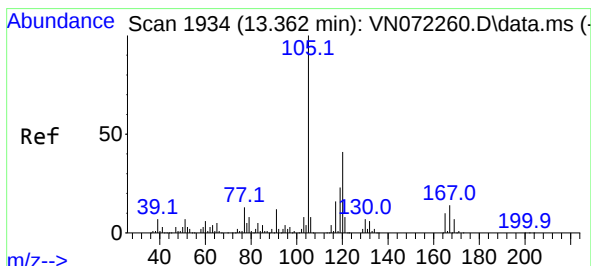
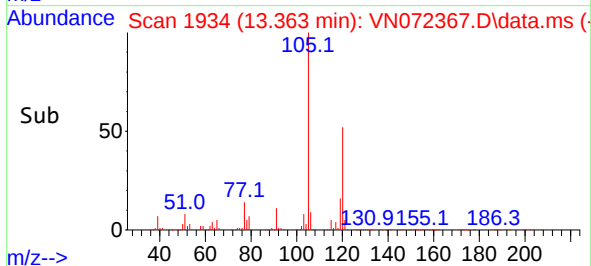
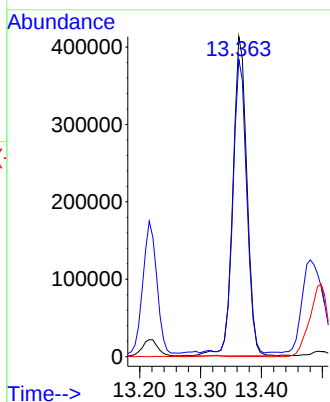
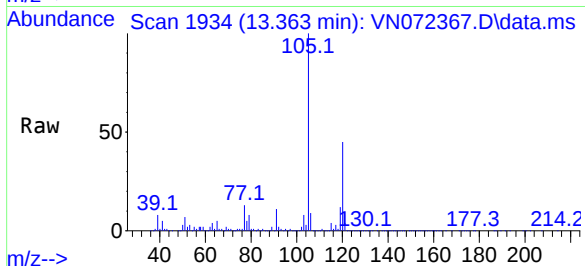




#83
tert-Butylbenzene
Concen: 33.441 ug/l
RT: 13.363 min Scan# 1926
Delta R.T. 0.047 min
Lab File: VN072367.D
Acq: 06 May 2022 20:13

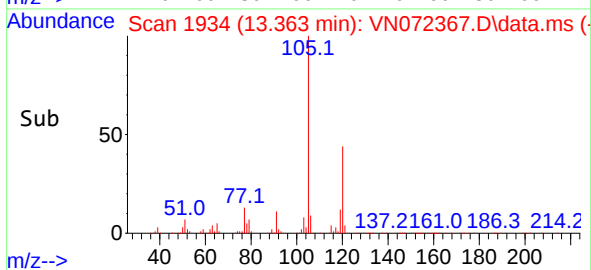
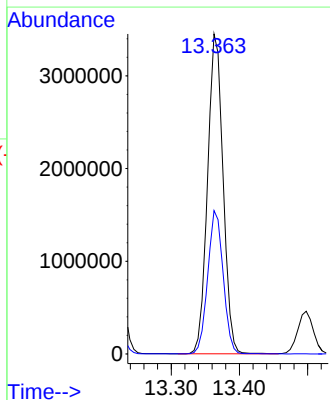
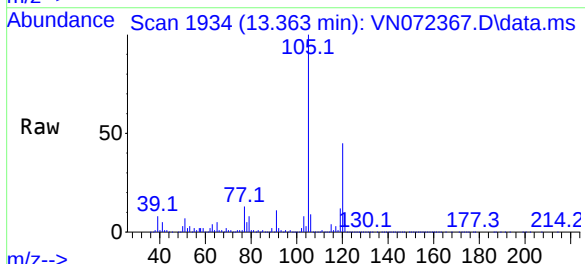
Instrument :
MSVOA_N
ClientSampleId :
06ME

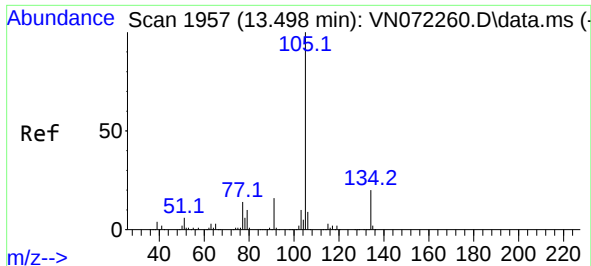
Tgt Ion:119 Resp: 659819
Ion Ratio Lower Upper
119 100
91 88.8 31.6 94.8
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 251.239 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072367.D
Acq: 06 May 2022 20:13

Tgt Ion:105 Resp: 5462653
Ion Ratio Lower Upper
105 100
120 44.6 23.3 69.8

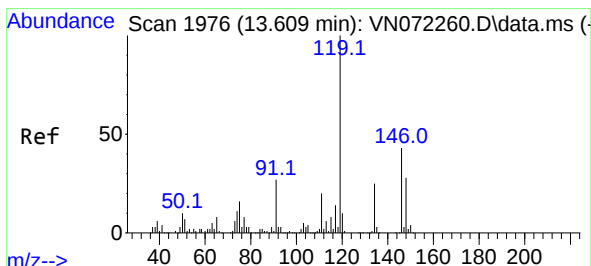
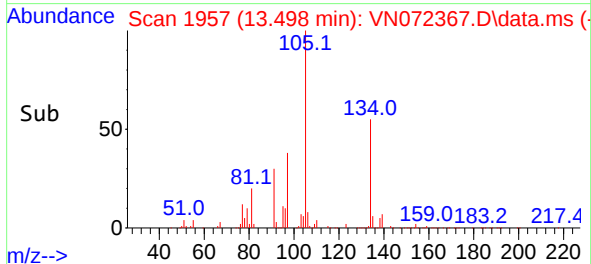
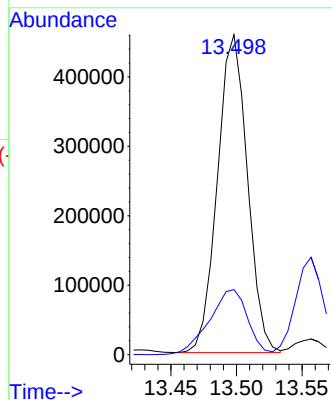
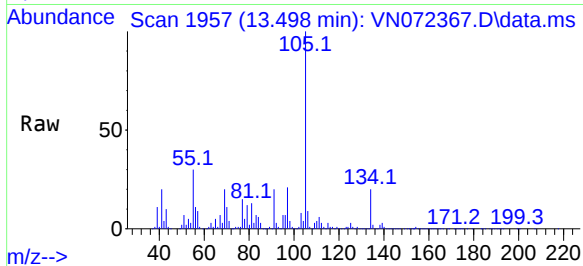




#85
 sec-Butylbenzene
 Concen: 28.279 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072367.D
 Acq: 06 May 2022 20:13

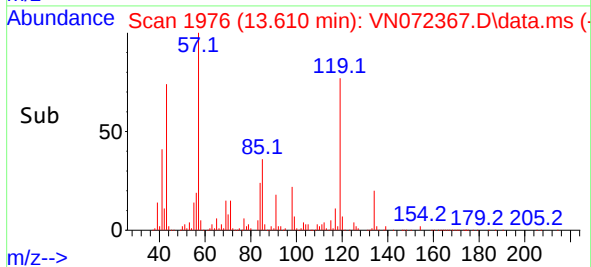
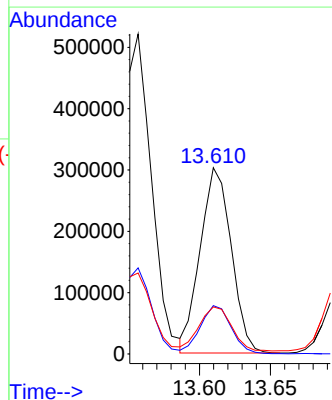
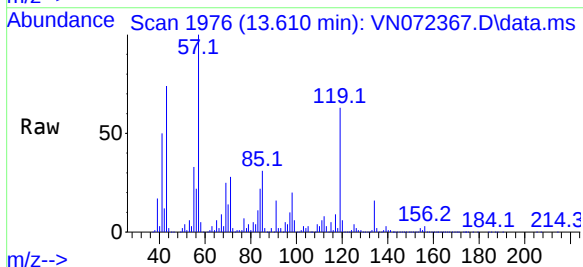
Instrument :
 MSVOA_N
 ClientSampleId :
 06ME

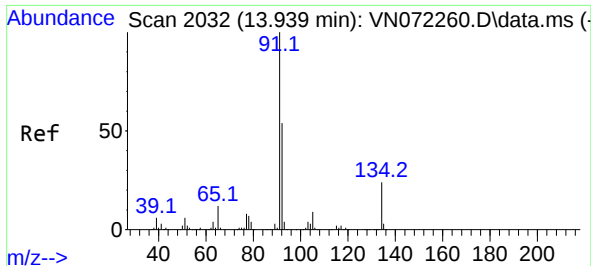
Tgt Ion:105 Resp: 727438
 Ion Ratio Lower Upper
 105 100
 134 26.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 22.939 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072367.D
 Acq: 06 May 2022 20:13

Tgt Ion:119 Resp: 460025
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.3 39.8
 91 24.5 11.3 33.9





#89

n-Butylbenzene

Concen: 69.993 ug/l

RT: 13.939 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN072367.D

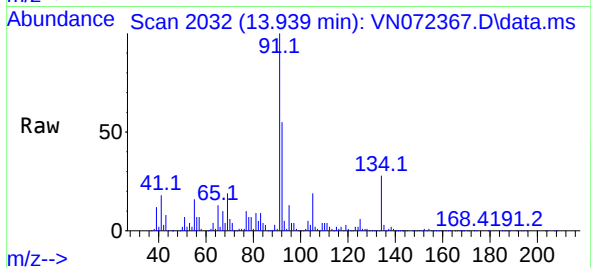
Acq: 06 May 2022 20:13

Instrument :

MSVOA_N

ClientSampleId :

06ME



Tgt Ion: 91 Resp: 1075157

Ion Ratio Lower Upper

91 100

92 40.4 26.9 80.7

134 0.0 13.6 40.8#

