

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070627.D
 Acq On : 14 Jan 2022 16:55
 Operator : JC/MD
 Sample : N1141-03MEDL 10X
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41862MEDL

Quant Time: Jan 17 05:40:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

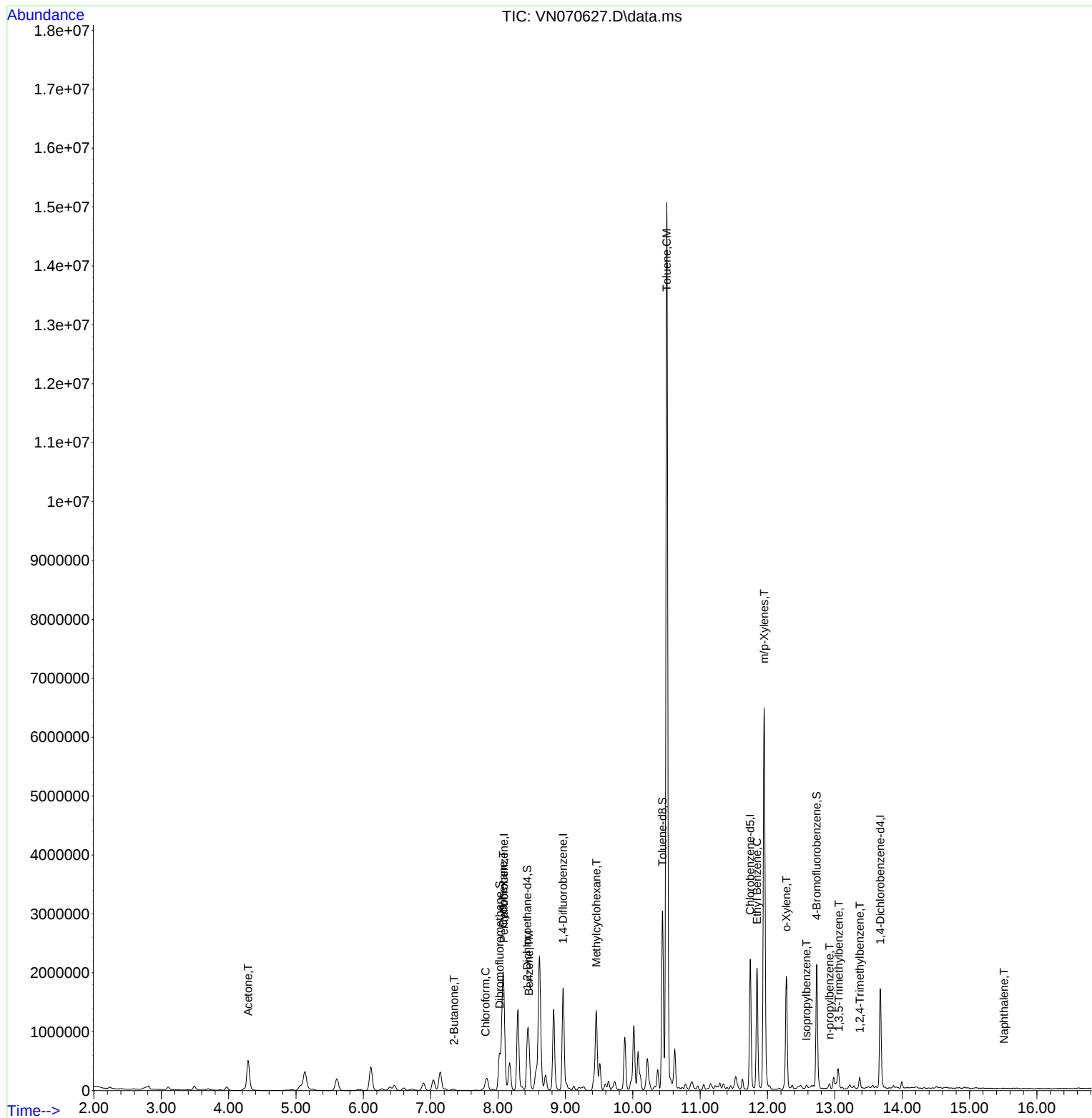
Internal Standards						
1) Pentafluorobenzene	8.086	168	792470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1327136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1240071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	471986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	654789	57.467	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 114.940%	
35) Dibromofluoromethane	8.021	113	452961	56.410	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 112.820%	
50) Toluene-d8	10.440	98	1933290	58.937	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 117.880%	
62) 4-Bromofluorobenzene	12.731	95	764611	64.537	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 129.080%	
Target Compounds						Qvalue
16) Acetone	4.288	43	986164	133.326	ug/l	99
25) 2-Butanone	7.345	43	27692	2.973	ug/l	95
30) Chloroform	7.815	83	129882	7.285	ug/l	97
31) Cyclohexane	8.075	56	412705	22.953	ug/l #	62
39) Methylcyclohexane	9.459	83	406769	25.294	ug/l #	84
40) Benzene	8.458	78	602569	14.796	ug/l	100
52) Toluene	10.505	92	6699356	271.779	ug/l	95
67) Ethyl Benzene	11.846	91	1526024	31.654	ug/l	96
68) m/p-Xylenes	11.950	106	1932639	110.132	ug/l	92
69) o-Xylene	12.280	106	520767	29.836	ug/l	92
73) Isopropylbenzene	12.578	105	39026	0.890	ug/l	97
78) n-propylbenzene	12.921	91	69508	1.431	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	42900	1.221	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	111828	3.306	ug/l	100
95) Naphthalene	15.509	128	10659	2.275	ug/l #	84

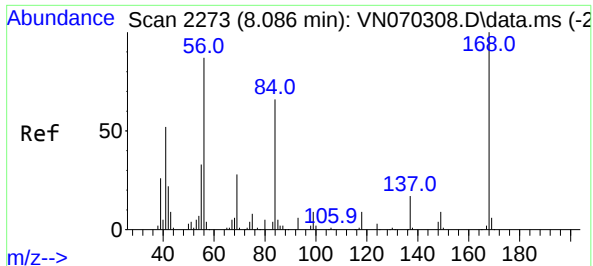
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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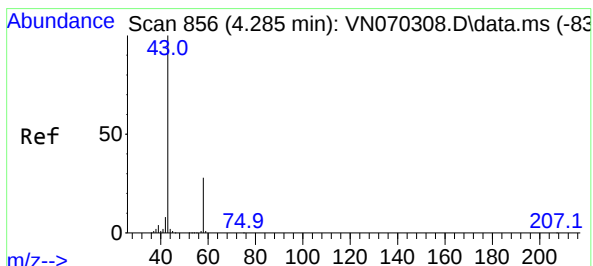
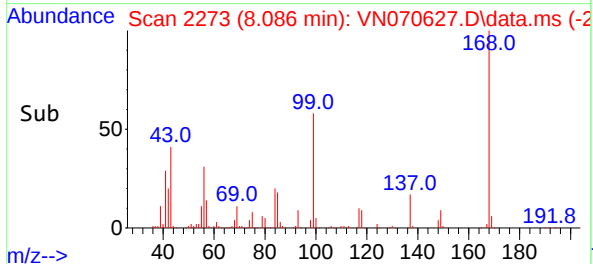
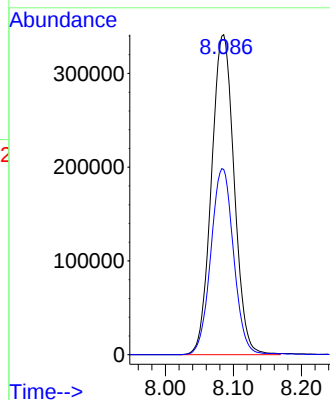
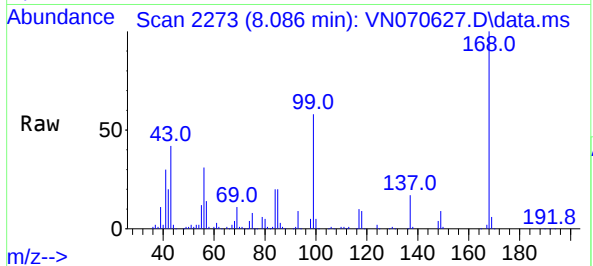




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

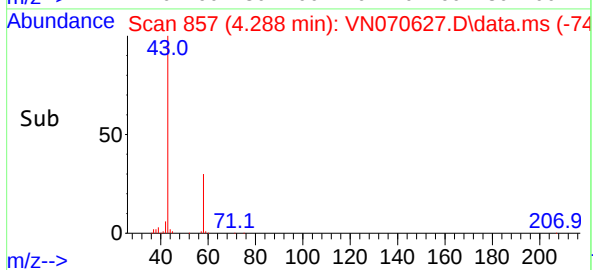
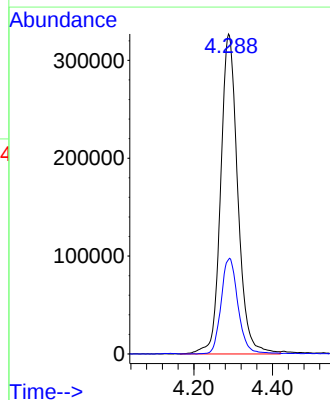
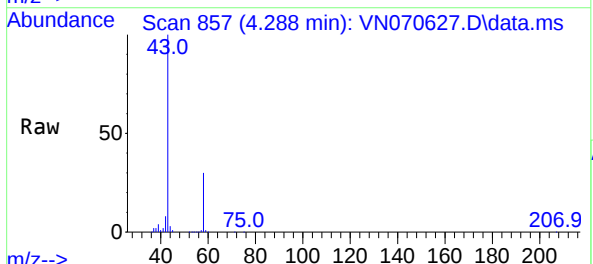
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL

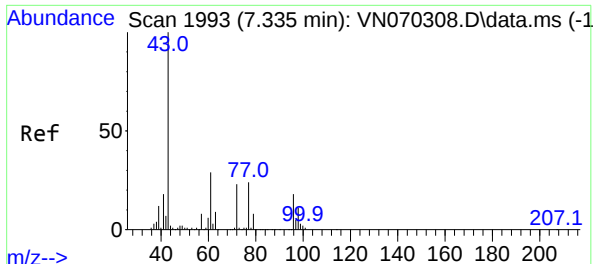
Tgt Ion:168 Resp: 792470
Ion Ratio Lower Upper
168 100
99 57.9 41.3 61.9



#16
Acetone
Concen: 133.326 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

Tgt Ion: 43 Resp: 986164
Ion Ratio Lower Upper
43 100
58 29.5 23.1 34.7

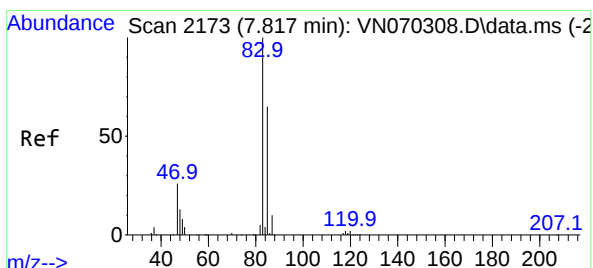
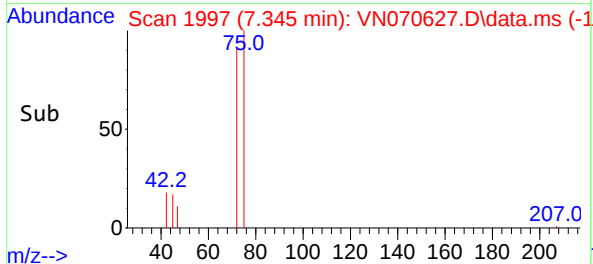
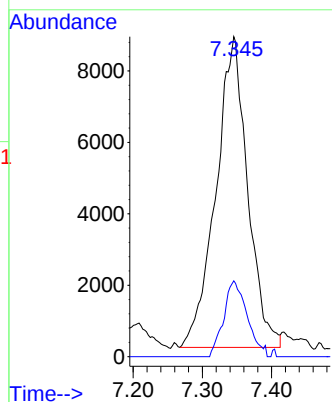
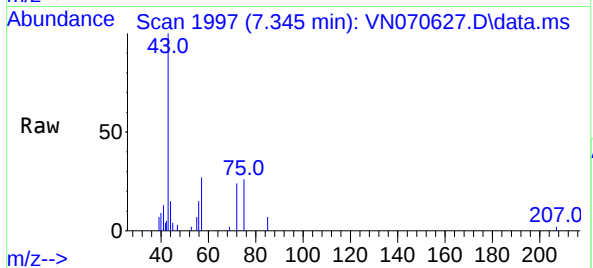




#25
2-Butanone
Concen: 2.973 ug/l
RT: 7.345 min Scan# 1993
Delta R.T. 0.010 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

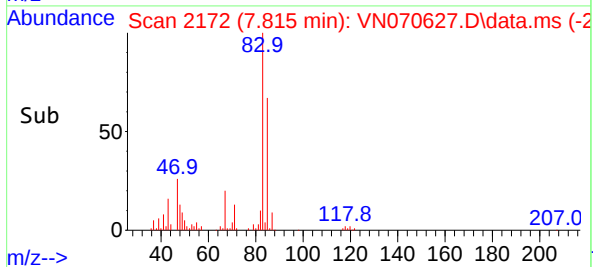
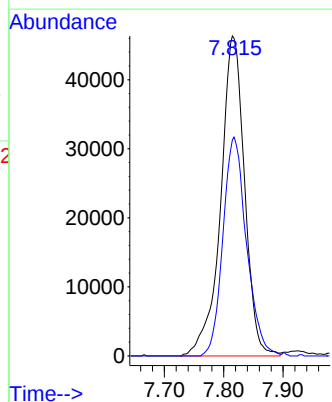
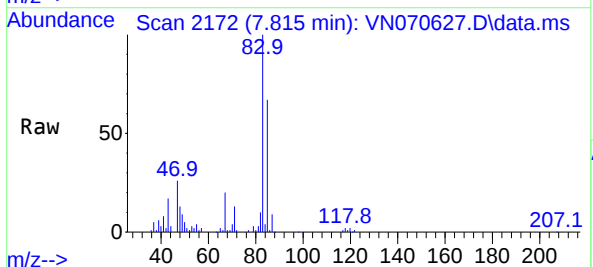
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL

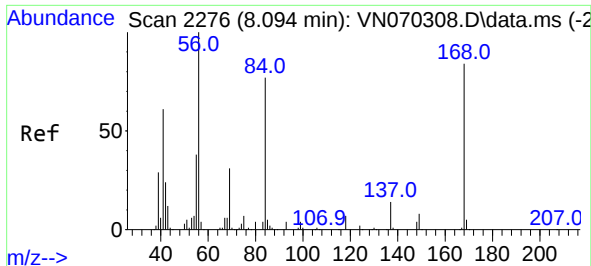
Tgt Ion: 43 Resp: 27692
Ion Ratio Lower Upper
43 100
72 24.4 21.7 32.5



#30
Chloroform
Concen: 7.285 ug/l
RT: 7.815 min Scan# 2172
Delta R.T. -0.002 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

Tgt Ion: 83 Resp: 129882
Ion Ratio Lower Upper
83 100
85 67.5 51.9 77.9

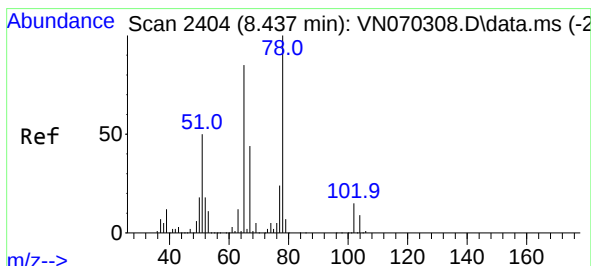
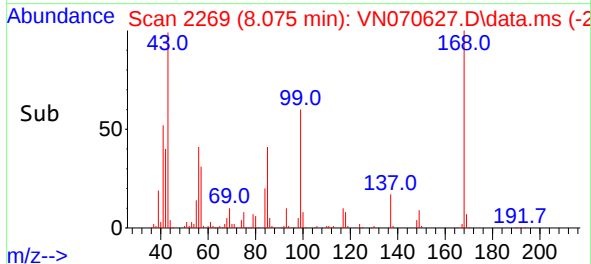
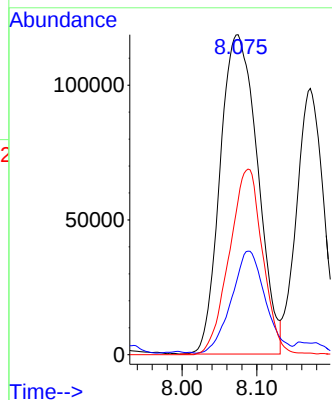
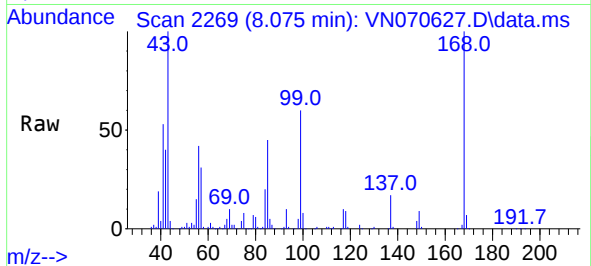




#31
Cyclohexane
Concen: 22.953 ug/l
RT: 8.075 min Scan# 21
Delta R.T. -0.019 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

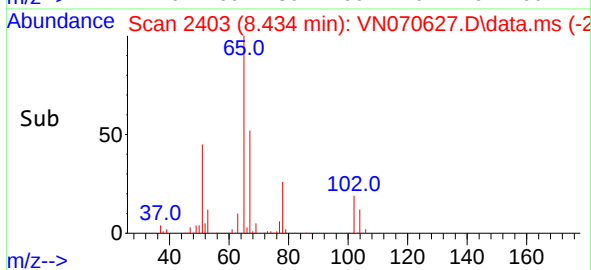
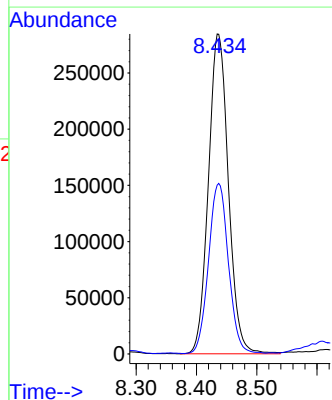
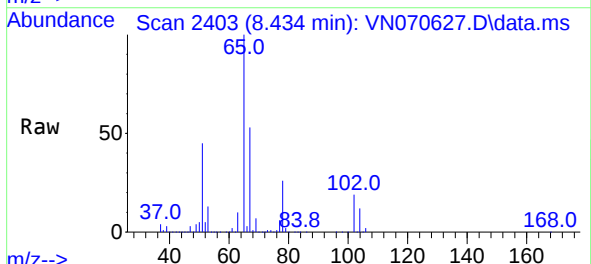
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL

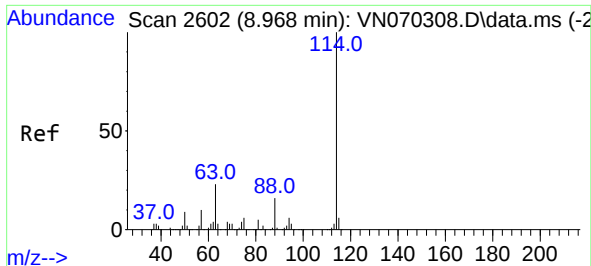
Tgt Ion: 56 Resp: 412705
Ion Ratio Lower Upper
56 100
69 23.8 27.1 40.7#
84 48.3 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 57.467 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

Tgt Ion: 65 Resp: 654789
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0

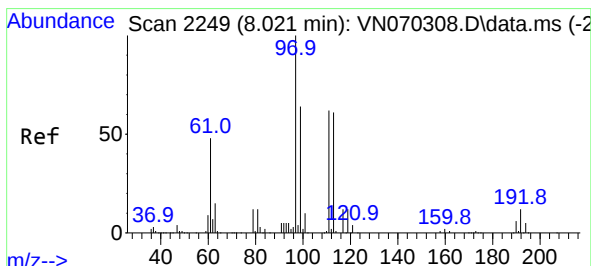
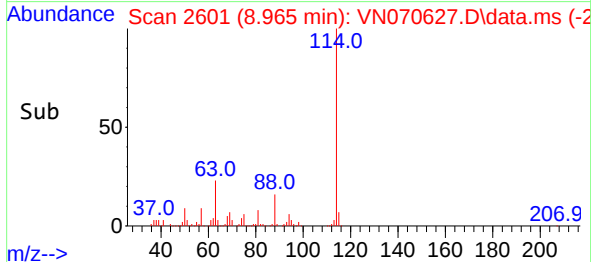
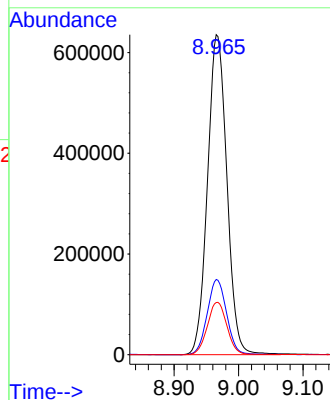
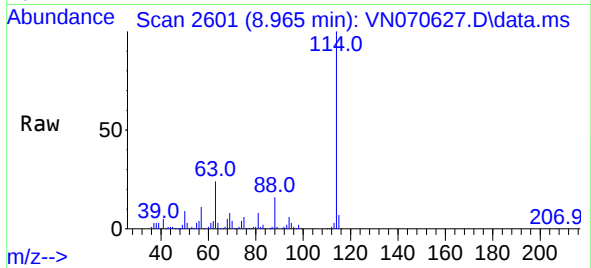




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

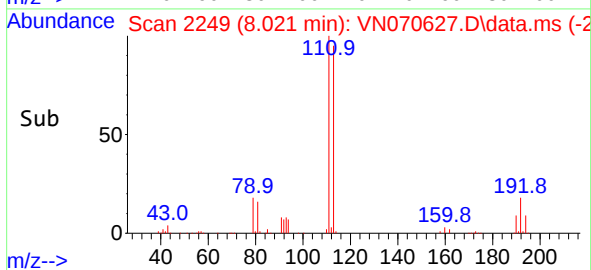
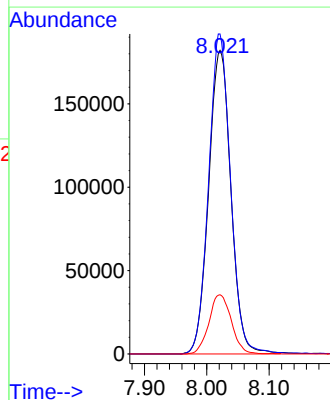
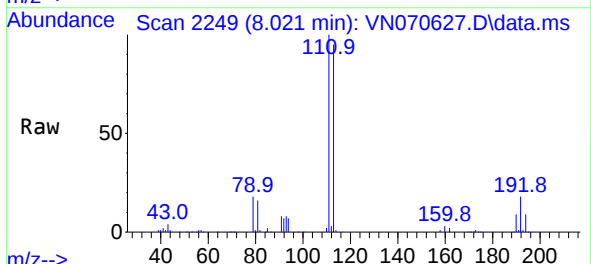
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL

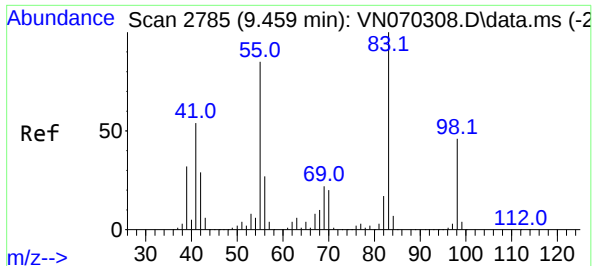
Tgt Ion:114 Resp: 1327136
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 56.410 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

Tgt Ion:113 Resp: 452961
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.6 16.9 25.3





#39

Methylcyclohexane

Concen: 25.294 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070627.D

Acq: 14 Jan 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

41862MEDL

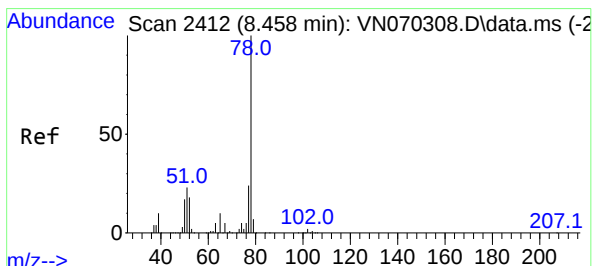
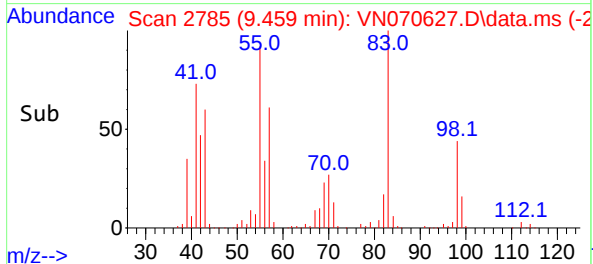
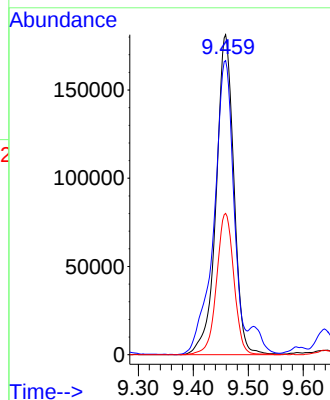
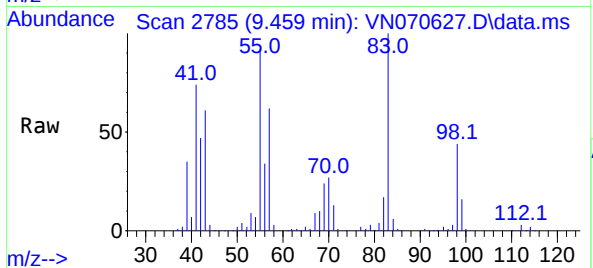
Tgt Ion: 83 Resp: 406769

Ion Ratio Lower Upper

83 100

55 91.7 58.1 87.1#

98 44.2 38.4 57.6



#40

Benzene

Concen: 14.796 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. 0.000 min

Lab File: VN070627.D

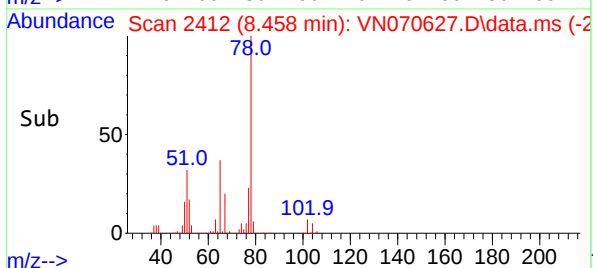
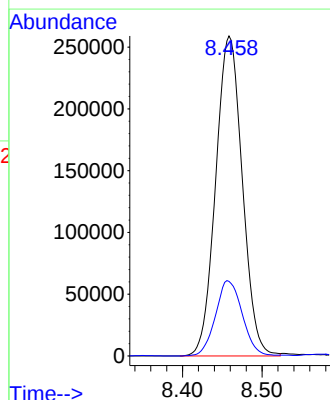
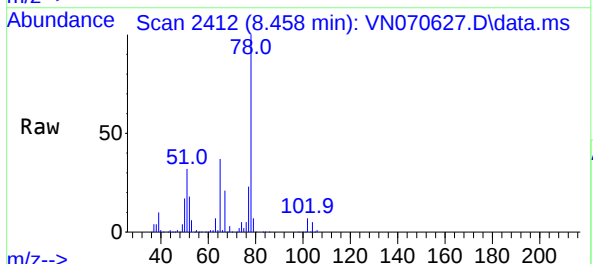
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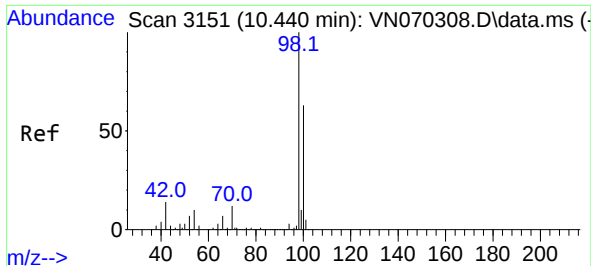
Tgt Ion: 78 Resp: 602569

Ion Ratio Lower Upper

78 100

77 23.3 18.6 27.8

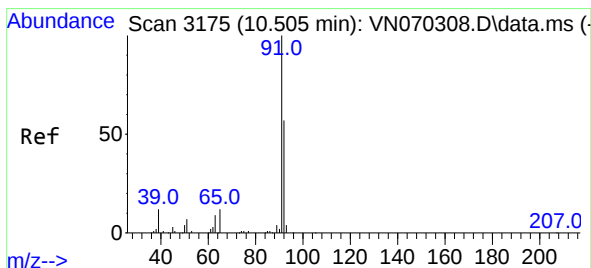
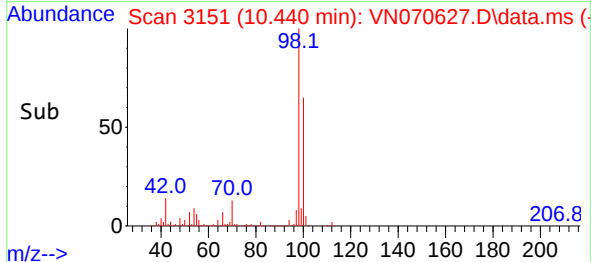
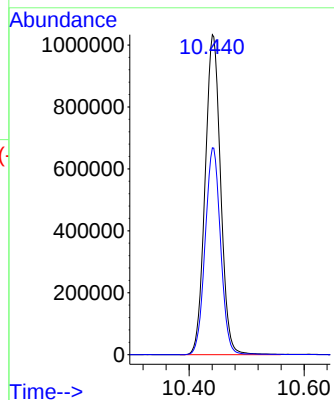
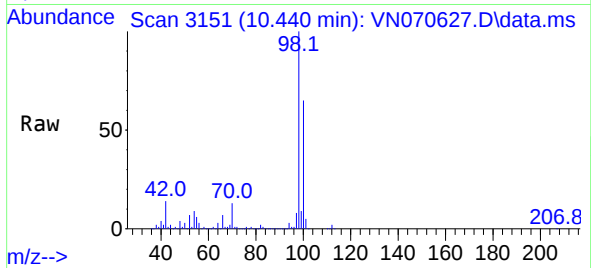




#50
Toluene-d8
Concen: 58.937 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

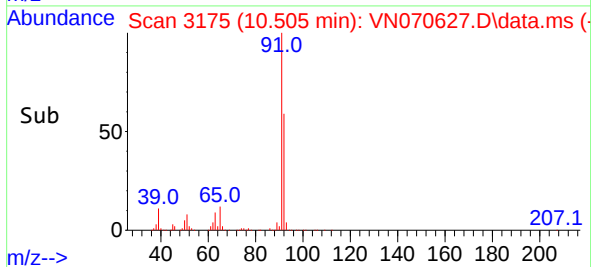
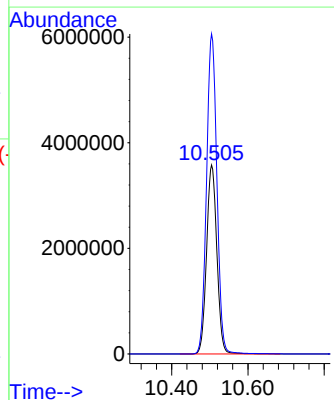
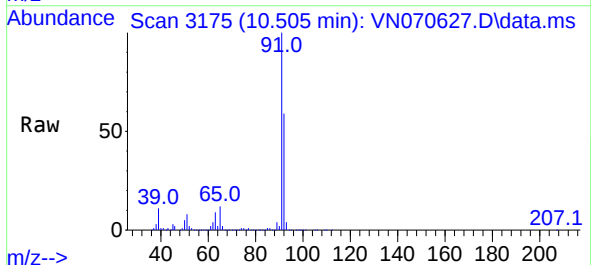
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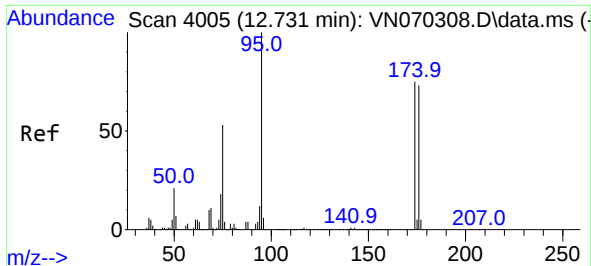
Tgt Ion: 98 Resp: 1933290
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#52
Toluene
Concen: 271.779 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

Tgt Ion: 92 Resp: 6699356
Ion Ratio Lower Upper
92 100
91 170.4 142.0 213.0

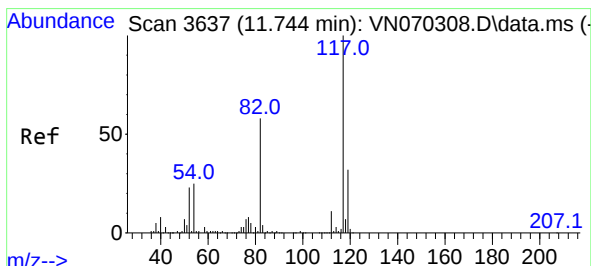
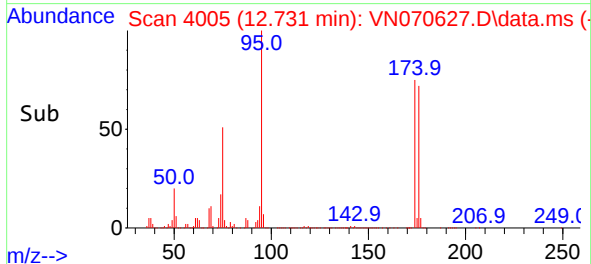
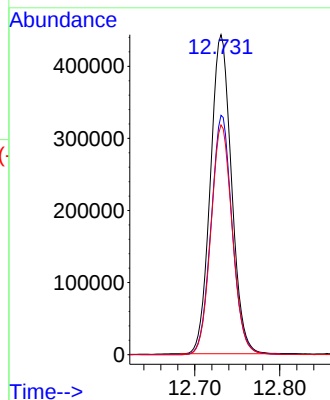
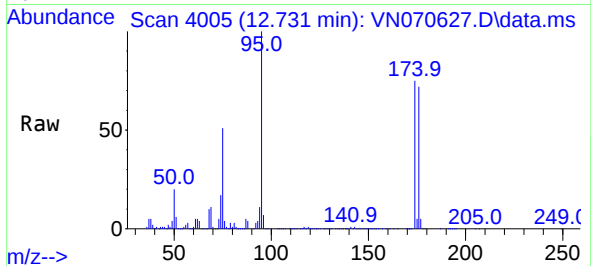




#62
4-Bromofluorobenzene
Concen: 64.537 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

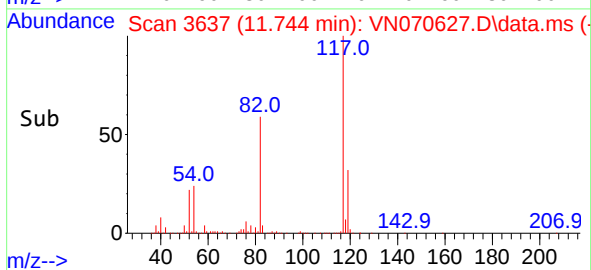
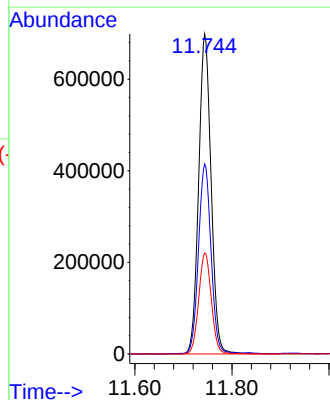
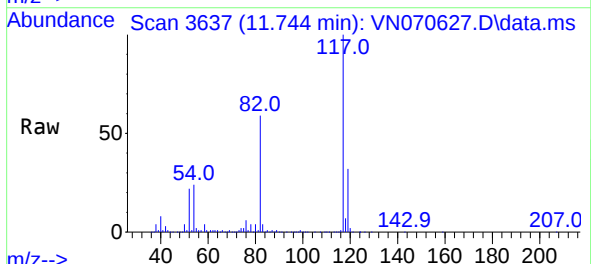
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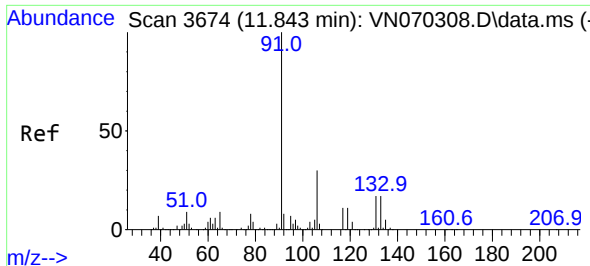
Tgt Ion: 95 Resp: 764611
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 72.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

Tgt Ion: 117 Resp: 1240071
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.5 25.4 38.2

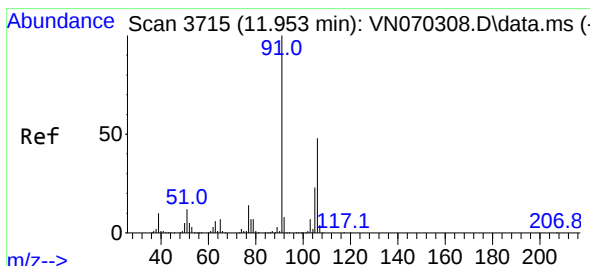
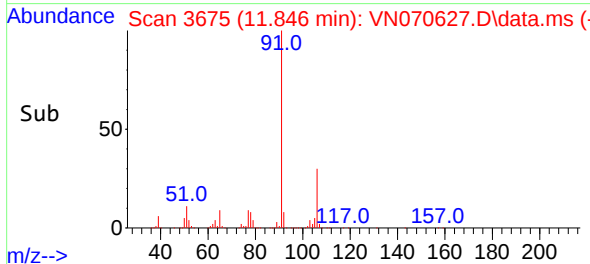
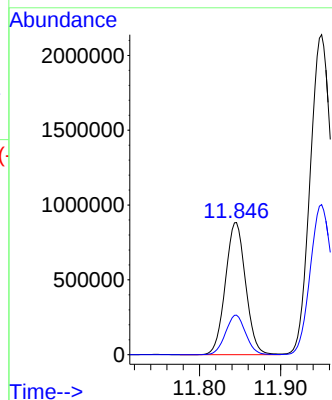
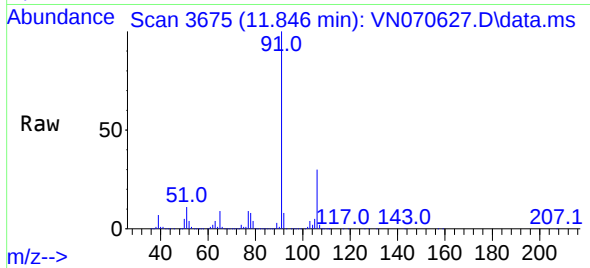




#67
Ethyl Benzene
Concen: 31.654 ug/l
RT: 11.846 min Scan# 3074
Delta R.T. 0.003 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

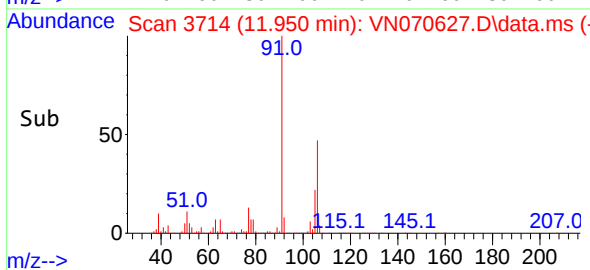
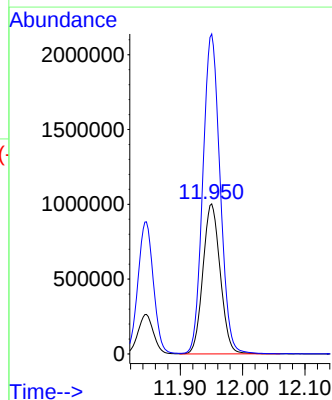
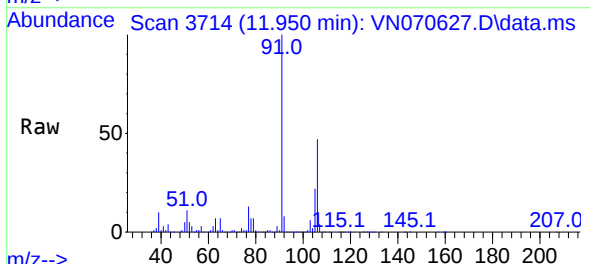
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL

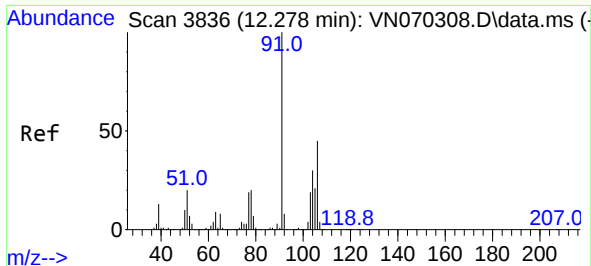
Tgt Ion: 91 Resp: 1526024
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5



#68
m/p-Xylenes
Concen: 110.132 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

Tgt Ion:106 Resp: 1932639
Ion Ratio Lower Upper
106 100
91 212.7 160.6 240.8

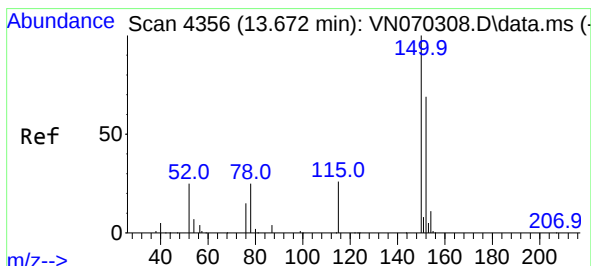
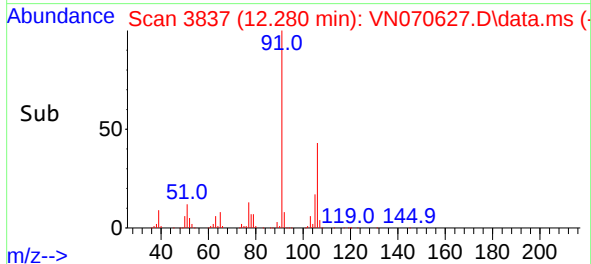
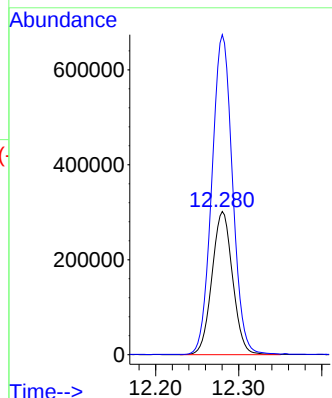
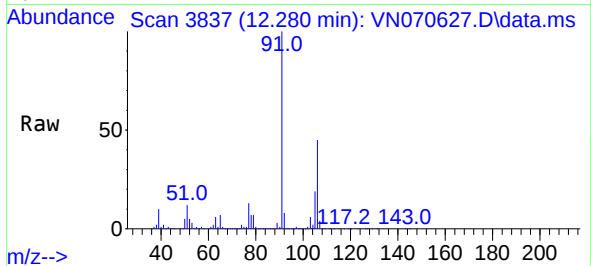




#69
o-Xylene
Concen: 29.836 ug/l
RT: 12.280 min Scan# 3836
Delta R.T. 0.002 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

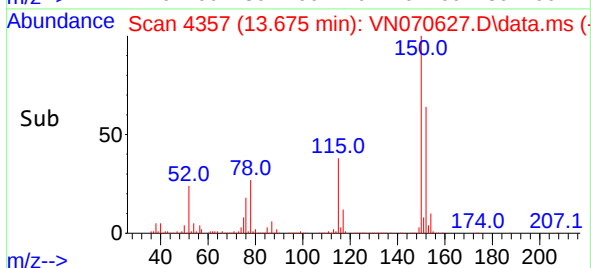
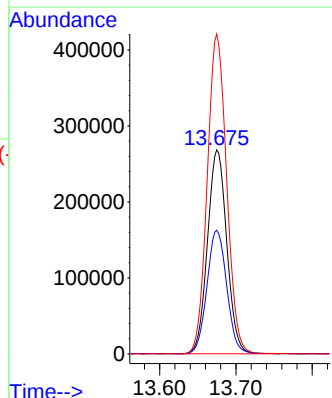
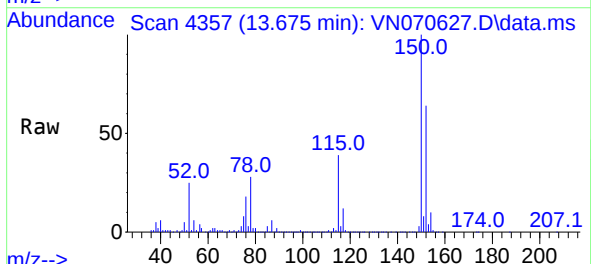
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL

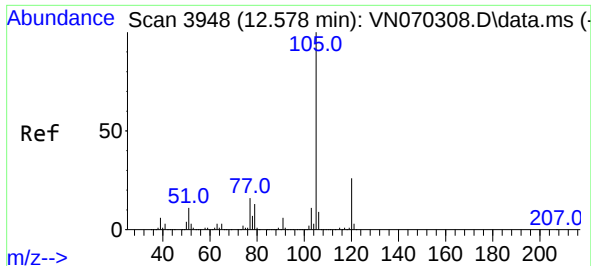
Tgt Ion:106 Resp: 520767
Ion Ratio Lower Upper
106 100
91 223.6 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

Tgt Ion:152 Resp: 471986
Ion Ratio Lower Upper
152 100
115 61.6 27.5 82.5
150 157.0 0.0 344.4

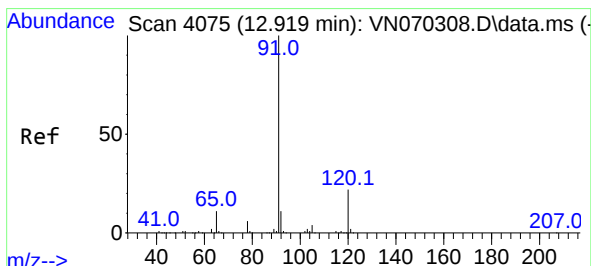
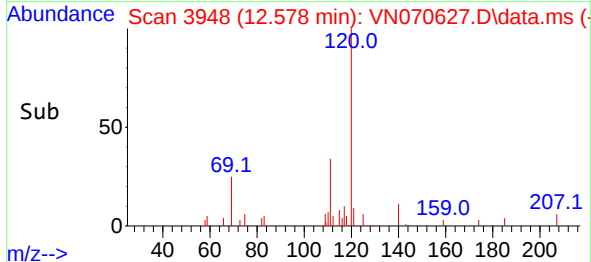
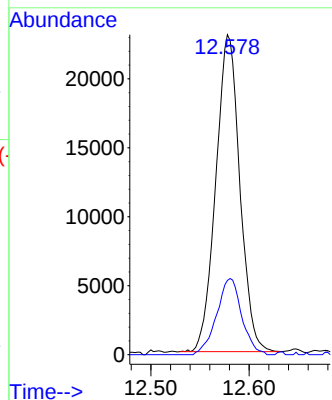
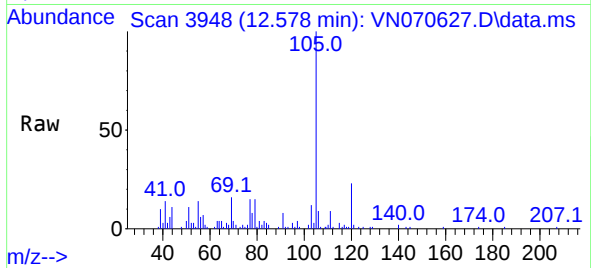




#73
Isopropylbenzene
Concen: 0.890 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

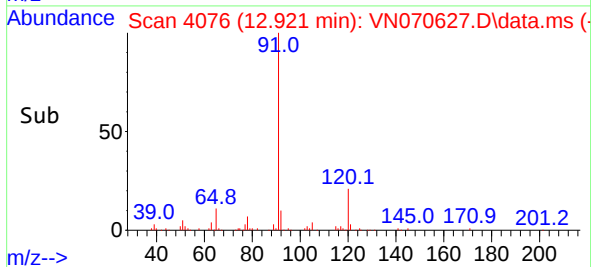
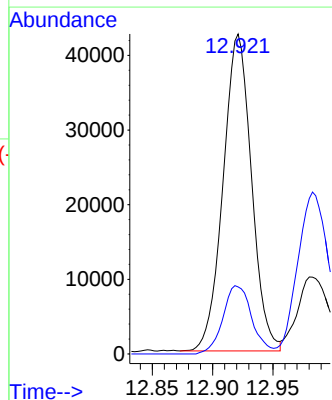
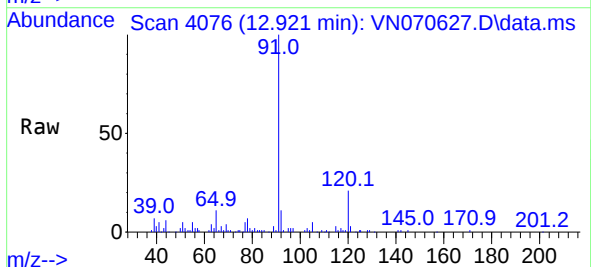
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL

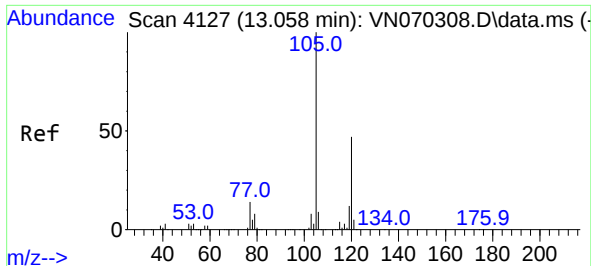
Tgt Ion:105 Resp: 39026
Ion Ratio Lower Upper
105 100
120 25.0 13.4 40.1



#78
n-propylbenzene
Concen: 1.431 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

Tgt Ion: 91 Resp: 69508
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9

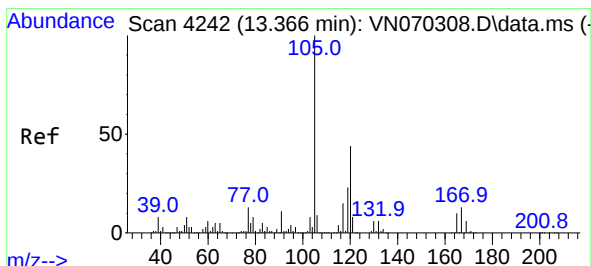
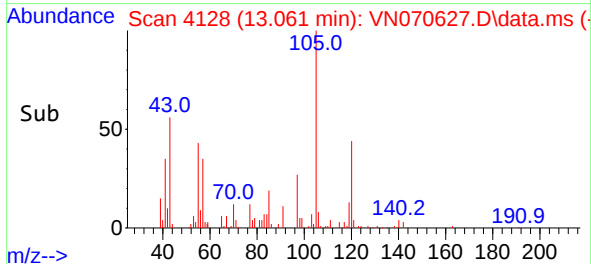
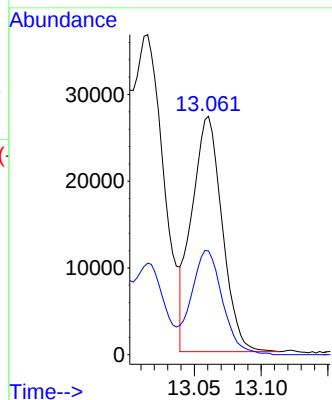
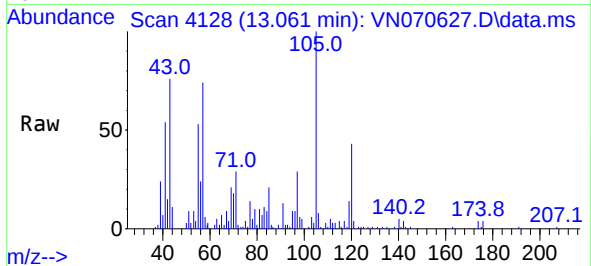




#80
1,3,5-Trimethylbenzene
Concen: 1.221 ug/l
RT: 13.061 min Scan# 4127
Delta R.T. 0.003 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

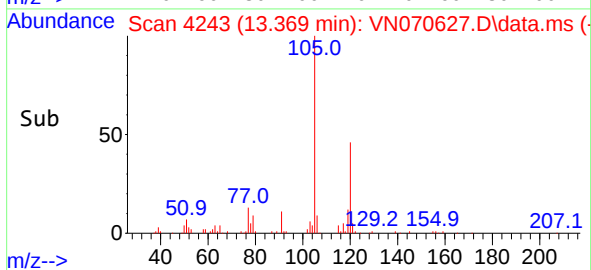
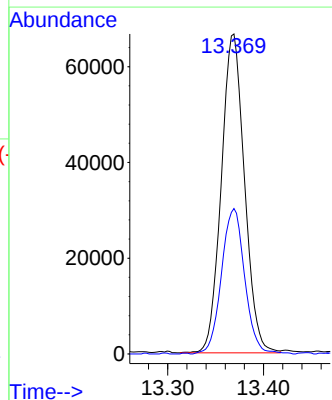
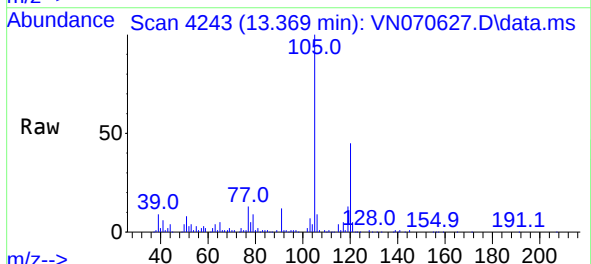
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL

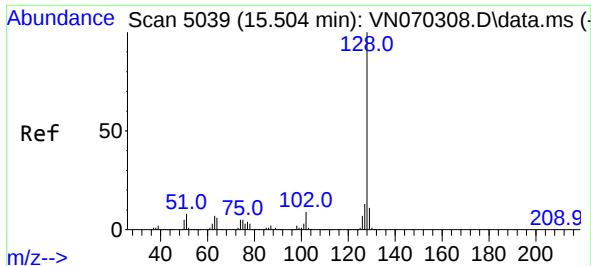
Tgt Ion:105 Resp: 42900
Ion Ratio Lower Upper
105 100
120 46.0 24.6 73.6



#84
1,2,4-Trimethylbenzene
Concen: 3.306 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.003 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

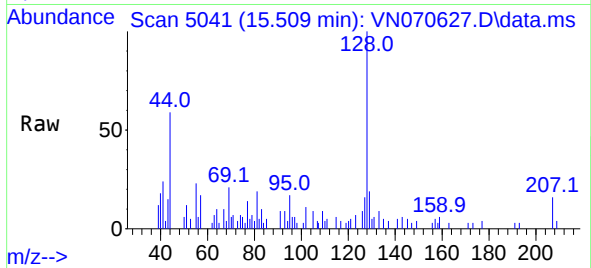
Tgt Ion:105 Resp: 111828
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.4





#95
Naphthalene
Concen: 2.275 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.005 min
Lab File: VN070627.D
Acq: 14 Jan 2022 16:55

Instrument :
MSVOA_N
ClientSampleId :
41862MEDL



Tgt Ion:128 Resp: 10659
Ion Ratio Lower Upper
128 100
127 20.7 10.5 15.7#
129 6.3 8.7 13.1#

