

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070385.D
 Acq On : 30 Dec 2021 8:25
 Operator : JC/MD
 Sample : M4873-07DL 10X
 Misc : 5.18g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A2-8-6.5DL

Quant Time: Dec 30 09:50:42 2021
 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)

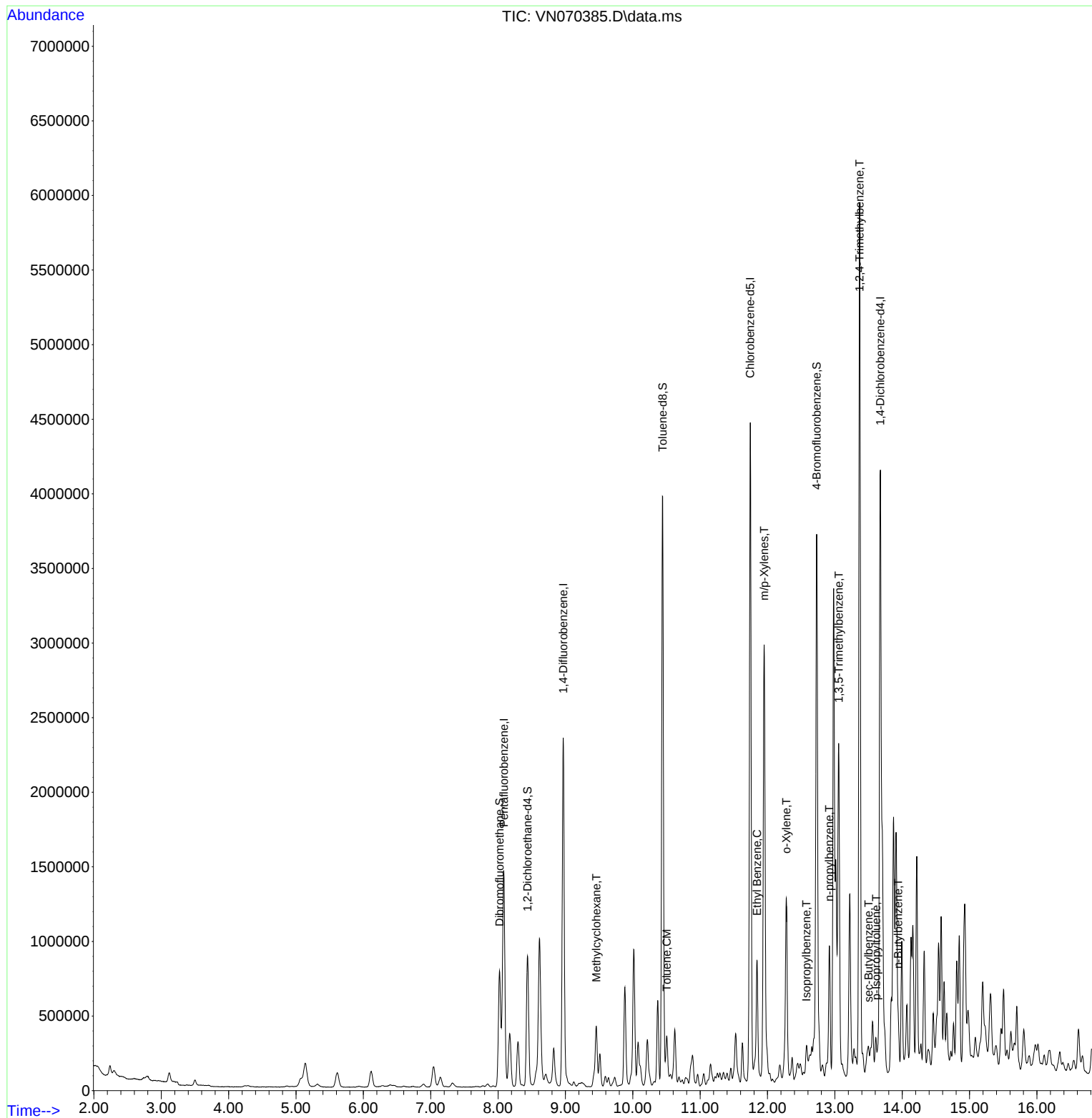
Internal Standards						
1) Pentafluorobenzene	8.086	168	991457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1903157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2400741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1058520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	743754	52.174	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.340%	
35) Dibromofluoromethane	8.021	113	569659	49.471	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.940%	
50) Toluene-d8	10.443	98	2610148	55.488	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 110.980%	
62) 4-Bromofluorobenzene	12.731	95	1257956	74.041	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 148.080%#	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.459	83	78941	3.423	ug/l #	73
52) Toluene	10.505	92	130840	3.701	ug/l	97
67) Ethyl Benzene	11.843	91	549740	5.890	ug/l	95
68) m/p-Xylenes	11.950	106	800698	23.569	ug/l	93
69) o-Xylene	12.280	106	325910	9.645	ug/l	92
73) Isopropylbenzene	12.578	105	127088	1.293	ug/l	99
78) n-propylbenzene	12.919	91	688320	6.320	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	993968	12.618	ug/l	96
84) 1,2,4-Trimethylbenzene	13.366	105	3310934	43.650	ug/l	98
85) sec-Butylbenzene	13.501	105	91235m	0.969	ug/l	
86) p-Isopropyltoluene	13.616	119	53611	0.725	ug/l	97
89) n-Butylbenzene	13.940	91	153969	2.495	ug/l #	67

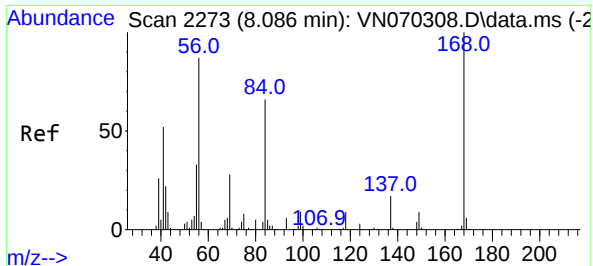
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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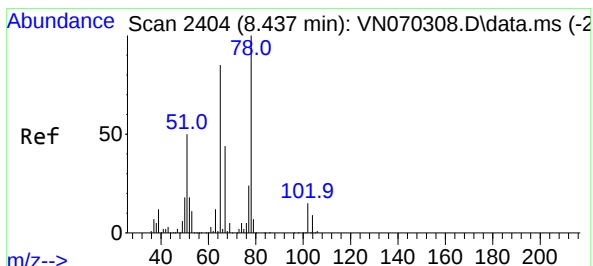
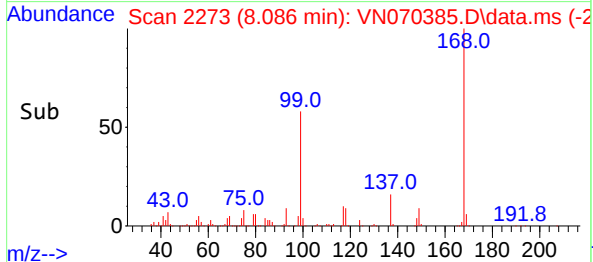
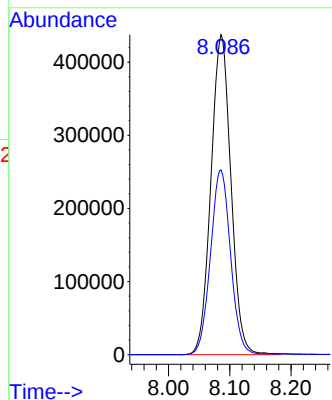
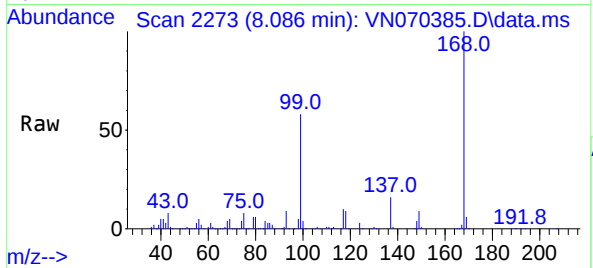




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

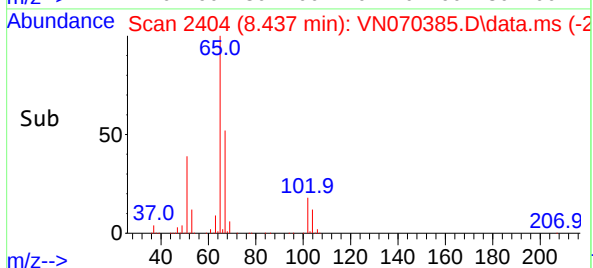
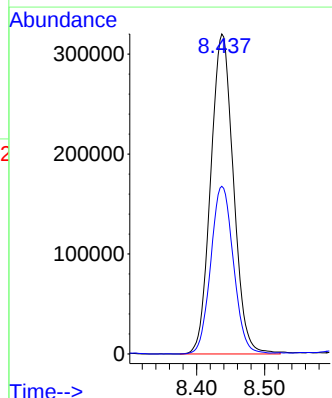
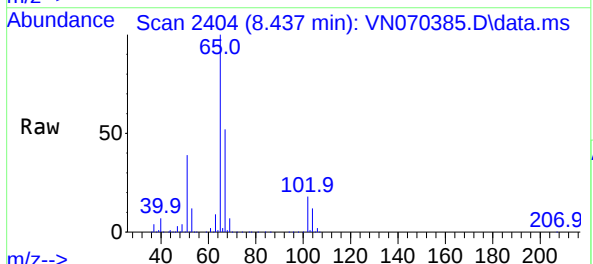
Instrument :
MSVOA_N
ClientSampleId :
A2-8-6.5DL

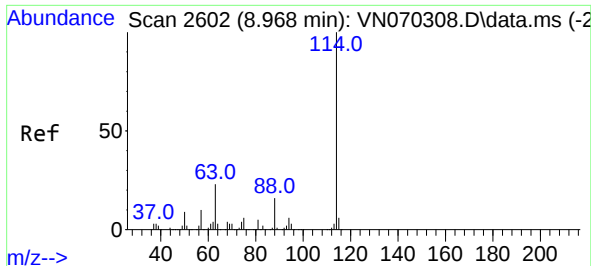
Tgt Ion:168 Resp: 991457
Ion Ratio Lower Upper
168 100
99 57.8 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 52.174 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

Tgt Ion: 65 Resp: 743754
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0

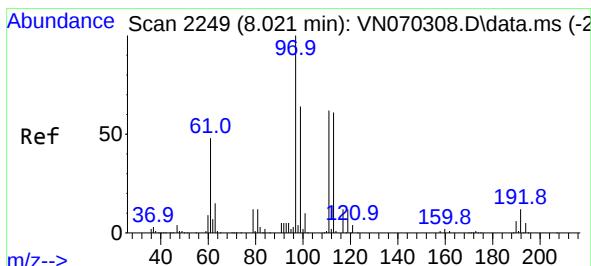
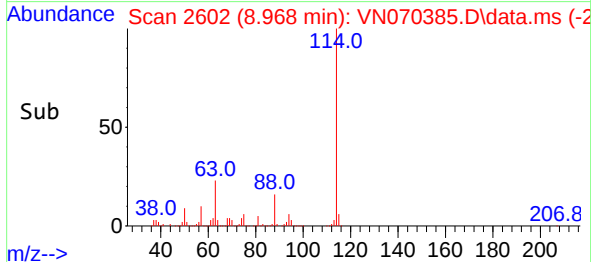
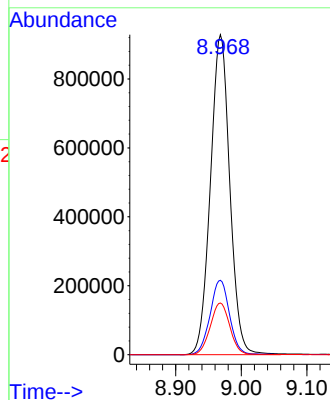
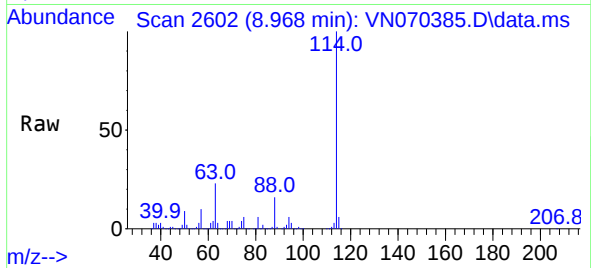




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

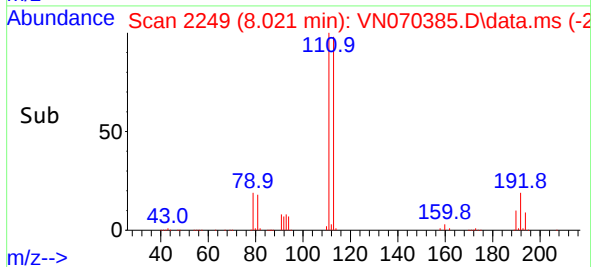
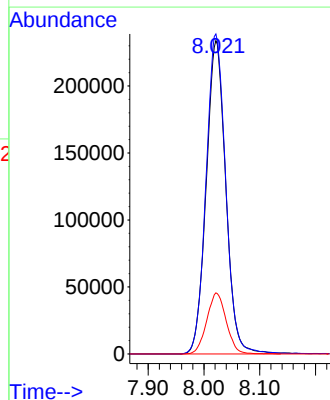
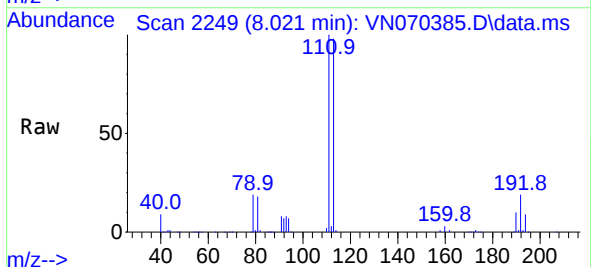
Instrument :
MSVOA_N
ClientSampleId :
A2-8-6.5DL

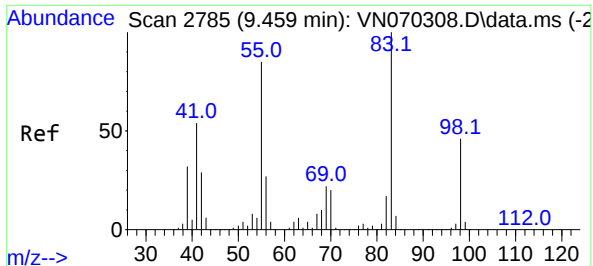
Tgt Ion:114 Resp: 1903157
Ion Ratio Lower Upper
114 100
63 23.2 0.0 37.8
88 16.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.471 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

Tgt Ion:113 Resp: 569659
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.4 16.9 25.3





#39

Methylcyclohexane

Concen: 3.423 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070385.D

Acq: 30 Dec 2021 8:25

Instrument :

MSVOA_N

ClientSampleId :

A2-8-6.5DL

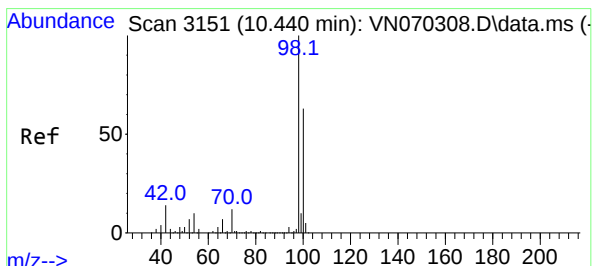
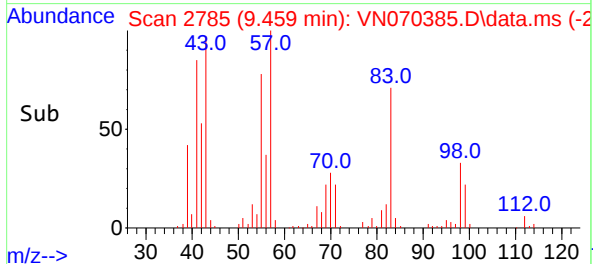
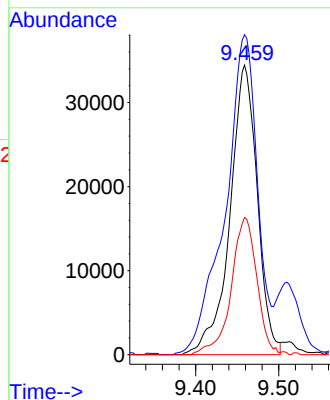
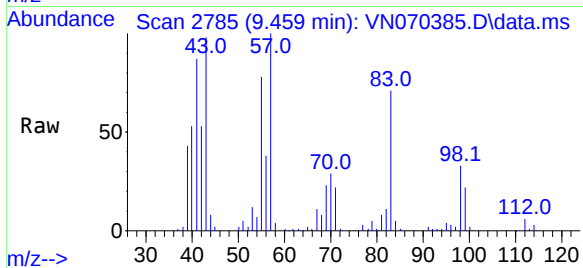
Tgt Ion: 83 Resp: 78941

Ion Ratio Lower Upper

83 100

55 109.7 58.1 87.1#

98 47.4 38.4 57.6



#50

Toluene-d8

Concen: 55.488 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VN070385.D

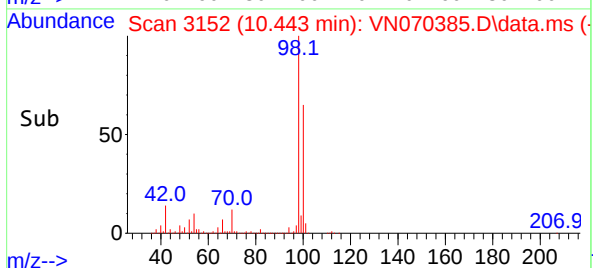
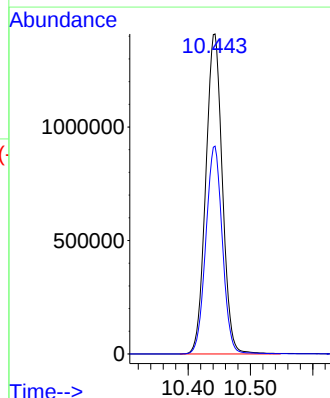
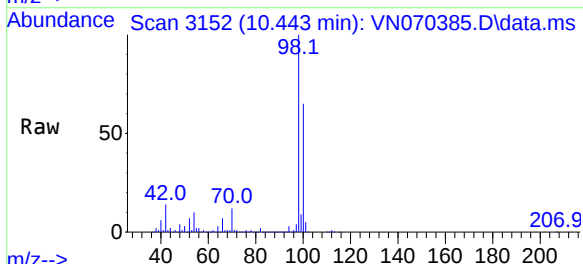
Acq: 30 Dec 2021 8:25

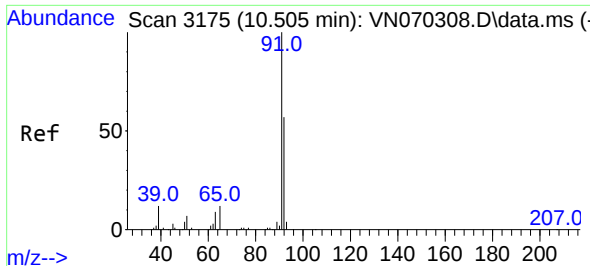
Tgt Ion: 98 Resp: 2610148

Ion Ratio Lower Upper

98 100

100 64.8 50.4 75.6

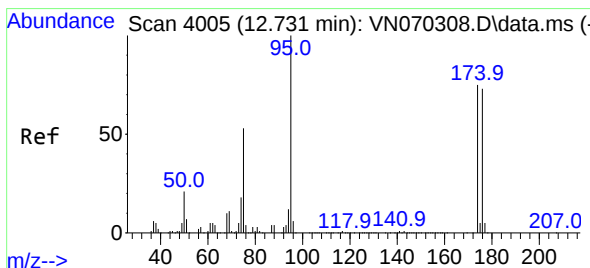
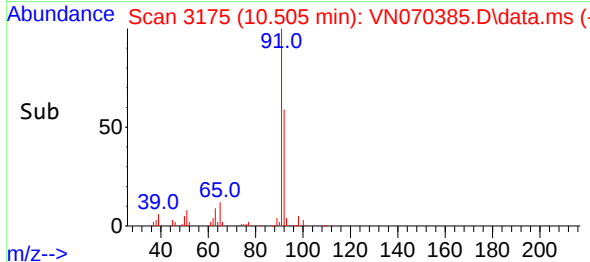
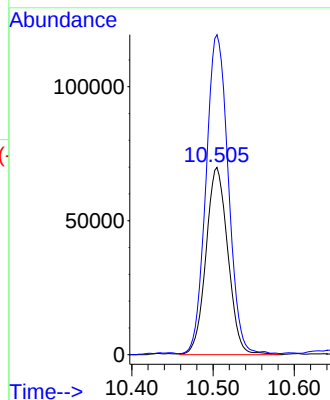
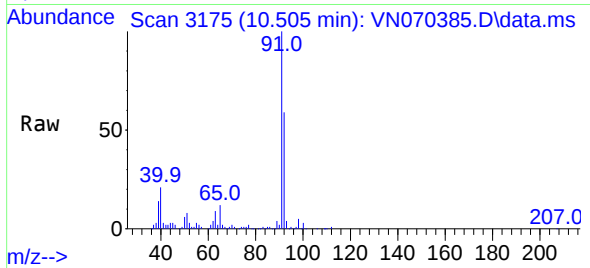




#52
Toluene
Concen: 3.701 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

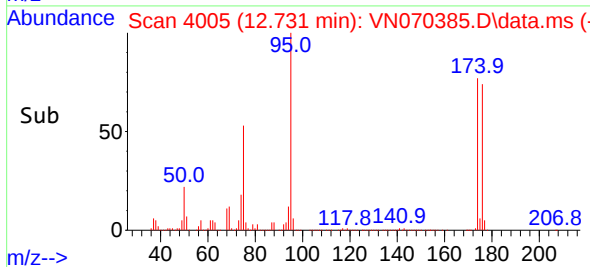
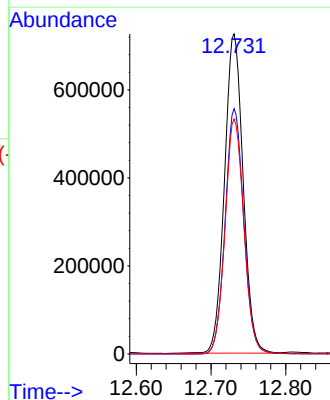
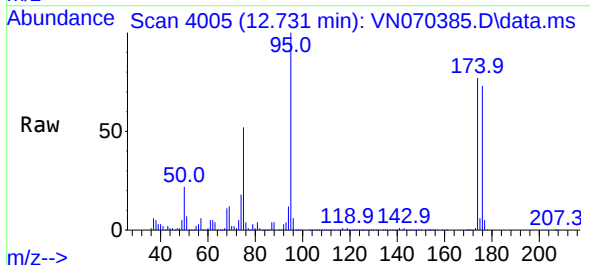
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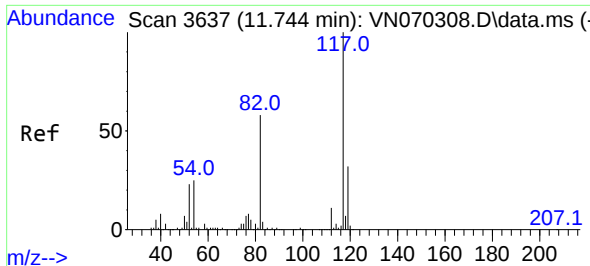
Tgt Ion: 92 Resp: 130840
Ion Ratio Lower Upper
92 100
91 172.7 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 74.041 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

Tgt Ion: 95 Resp: 1257956
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 74.1 0.0 181.4

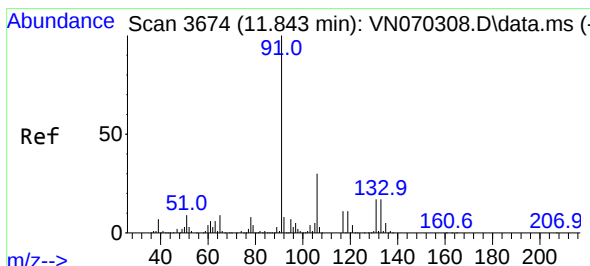
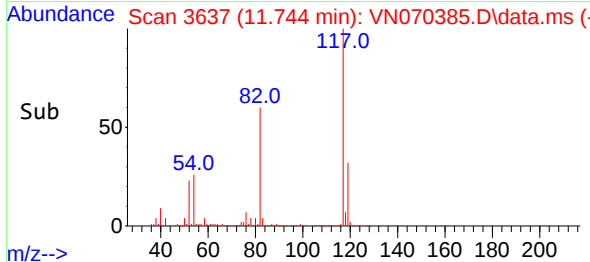
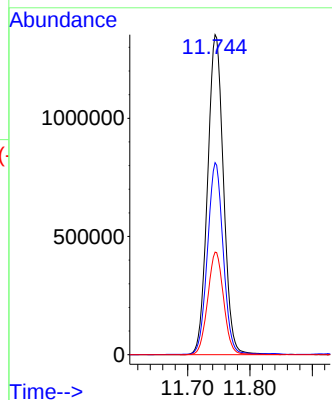
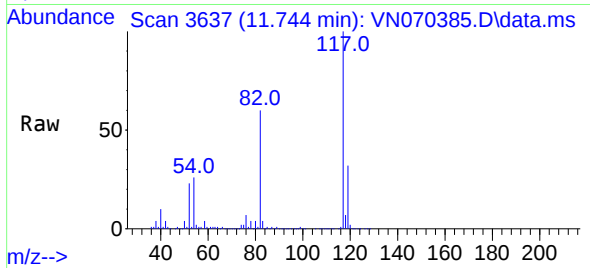




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

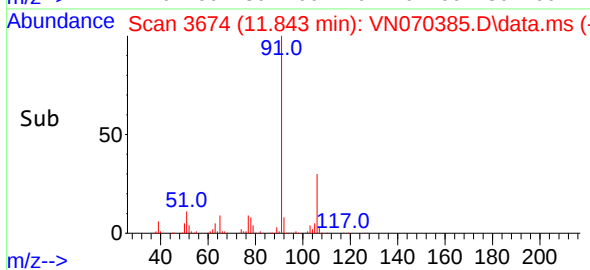
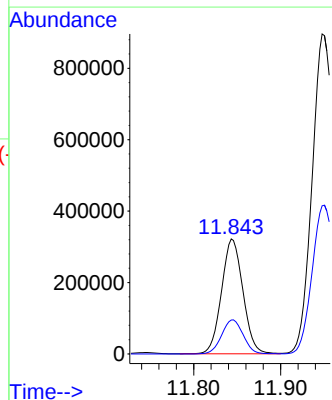
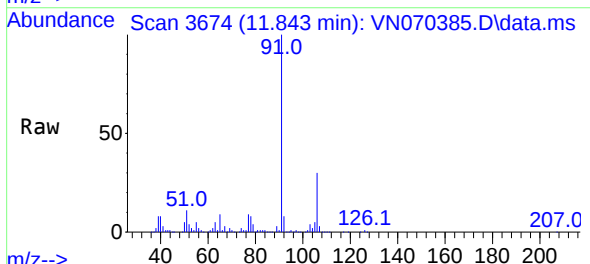
Instrument :
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A2-8-6.5DL

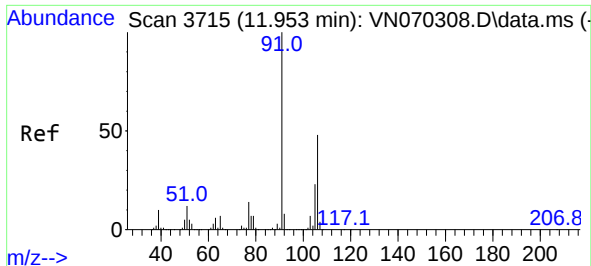
Tgt Ion:117 Resp: 2400741
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.1 25.4 38.2



#67
Ethyl Benzene
Concen: 5.890 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

Tgt Ion: 91 Resp: 549740
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5

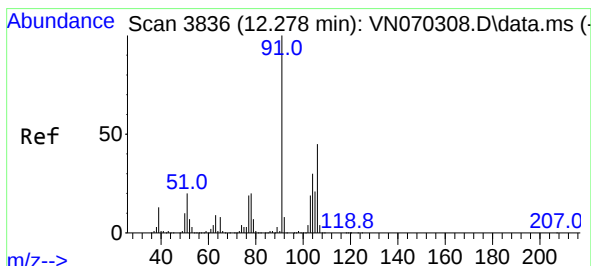
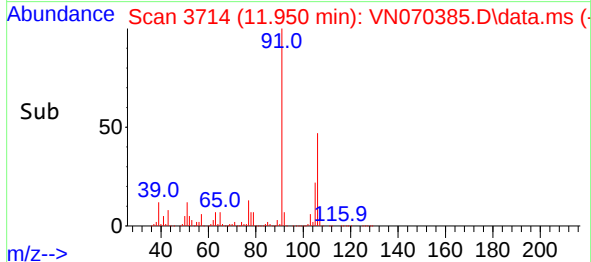
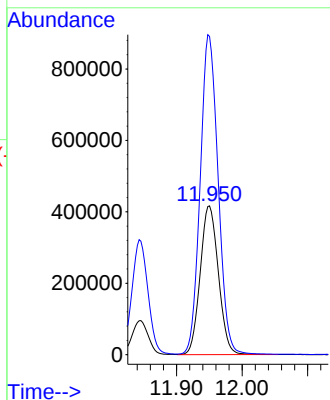
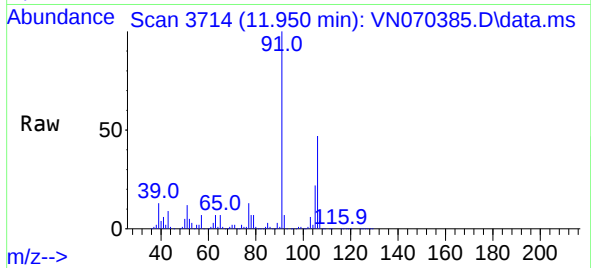




#68
m/p-Xylenes
Concen: 23.569 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

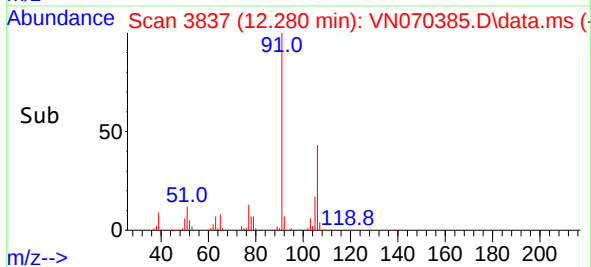
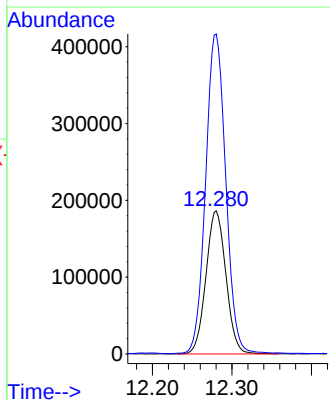
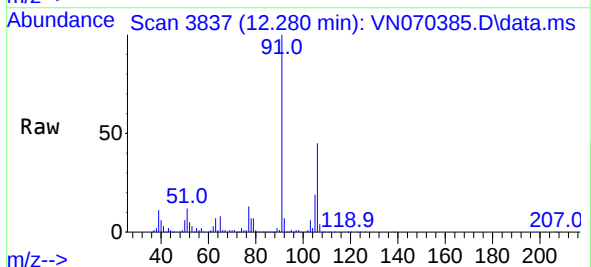
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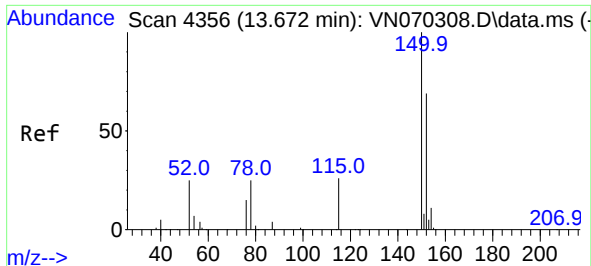
Tgt Ion:106 Resp: 800698
Ion Ratio Lower Upper
106 100
91 211.5 160.6 240.8



#69
o-Xylene
Concen: 9.645 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

Tgt Ion:106 Resp: 325910
Ion Ratio Lower Upper
106 100
91 224.7 105.8 317.3

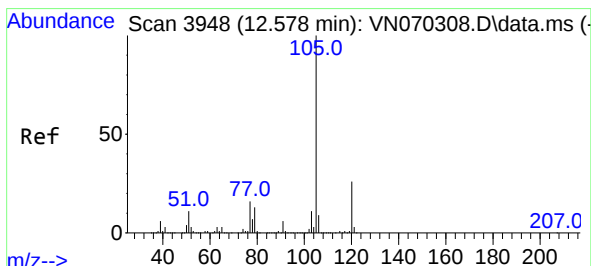
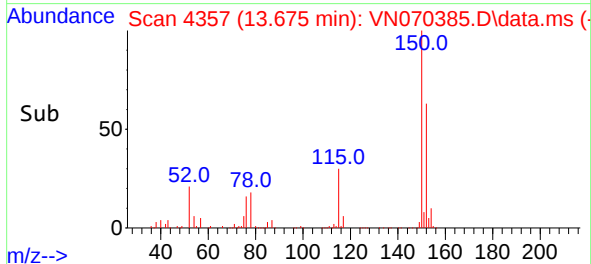
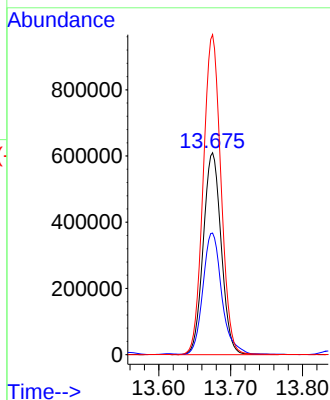
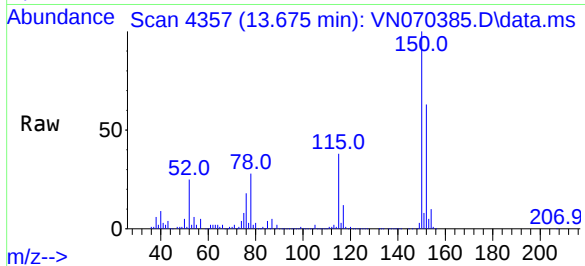




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

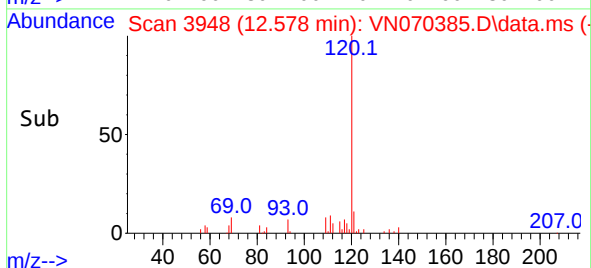
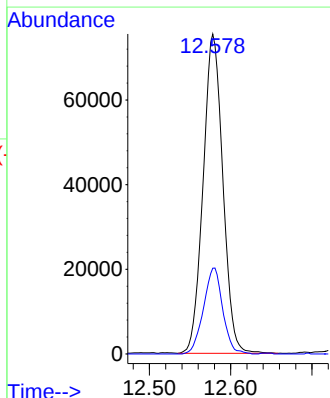
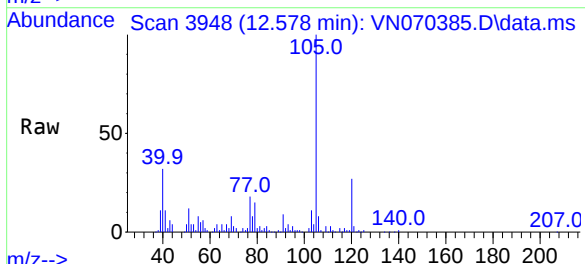
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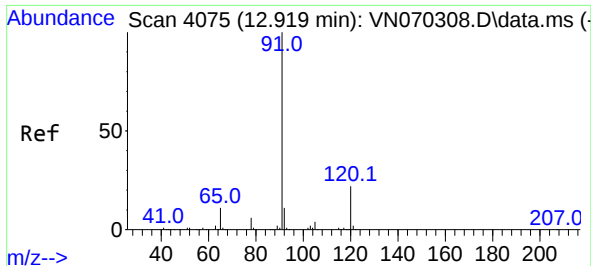
Tgt Ion:152 Resp: 1058520
Ion Ratio Lower Upper
152 100
115 63.0 27.5 82.5
150 157.0 0.0 344.4



#73
Isopropylbenzene
Concen: 1.293 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

Tgt Ion:105 Resp: 127088
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

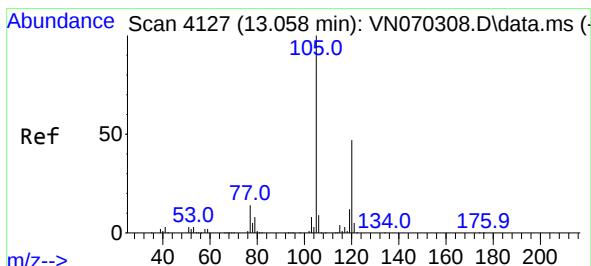
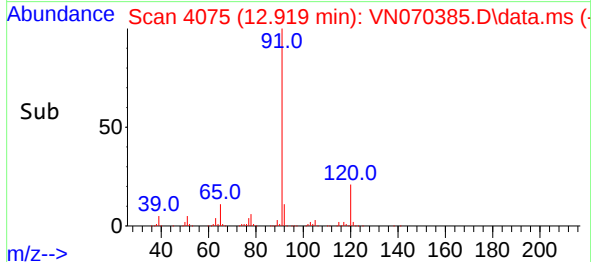
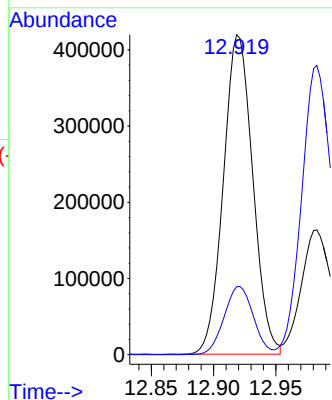
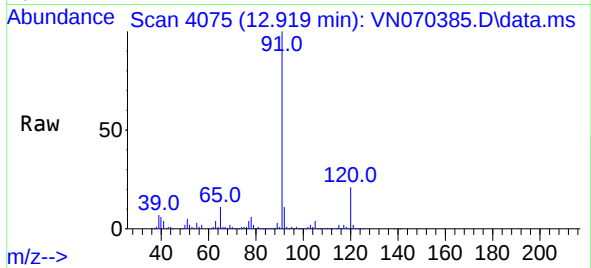




#78
n-propylbenzene
Concen: 6.320 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

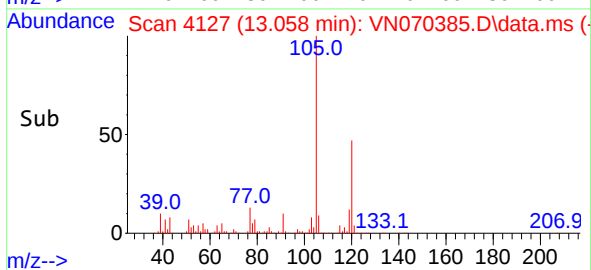
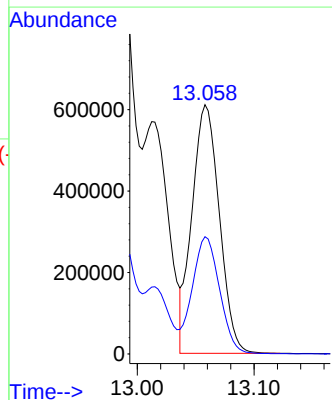
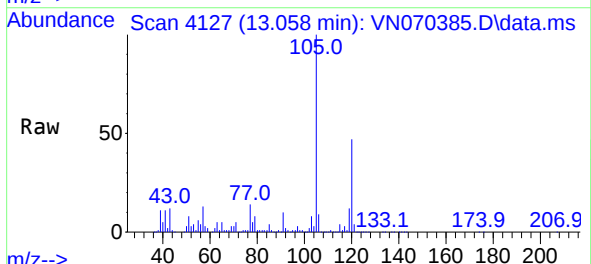
Instrument :
MSVOA_N
ClientSampleId :
A2-8-6.5DL

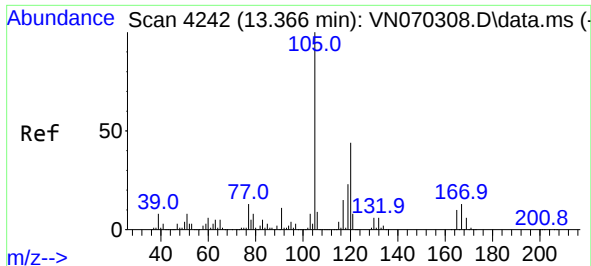
Tgt Ion: 91 Resp: 688320
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 12.618 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

Tgt Ion:105 Resp: 993968
Ion Ratio Lower Upper
105 100
120 46.7 24.6 73.6

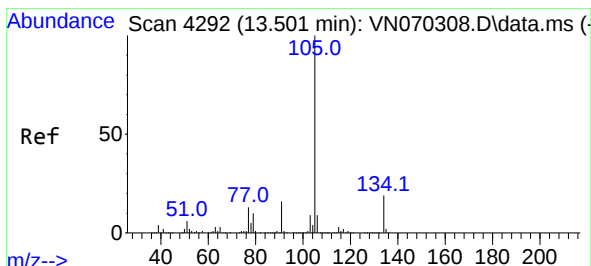
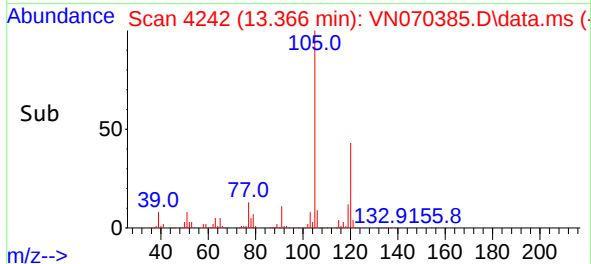
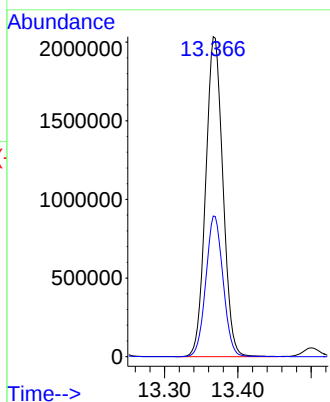
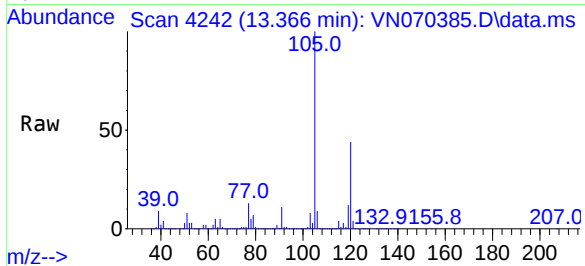




#84
1,2,4-Trimethylbenzene
Concen: 43.650 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

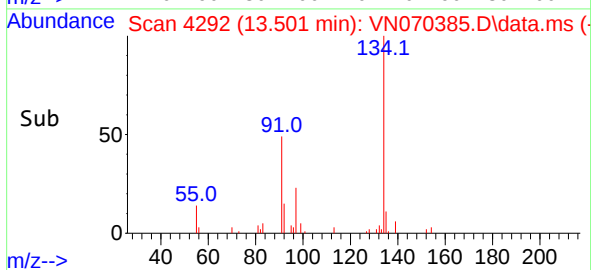
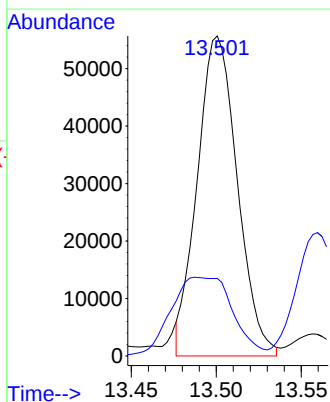
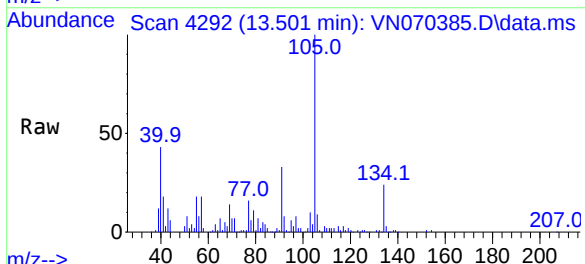
Instrument :
MSVOA_N
ClientSampleId :
A2-8-6.5DL

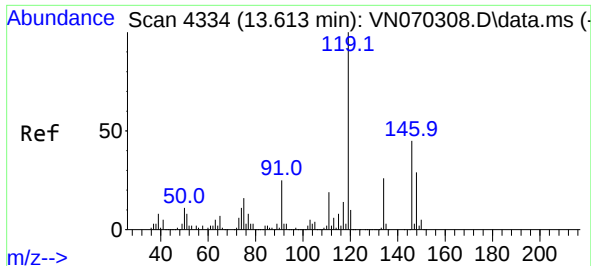
Tgt Ion:105 Resp: 3310934
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4



#85
sec-Butylbenzene
Concen: 0.969 ug/l m
RT: 13.501 min Scan# 4292
Delta R.T. -0.000 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

Tgt Ion:105 Resp: 91235
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

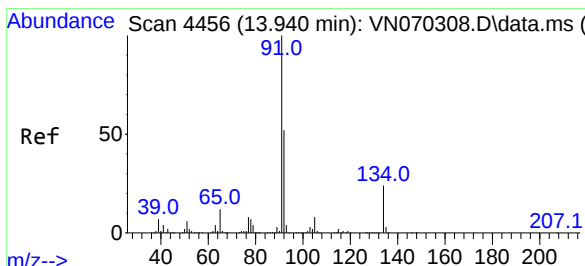
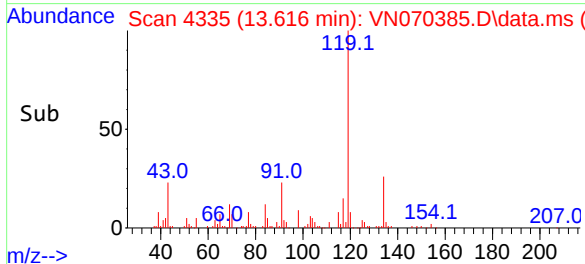
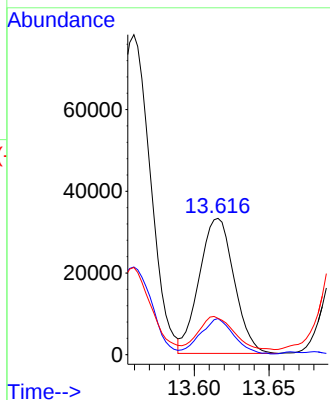
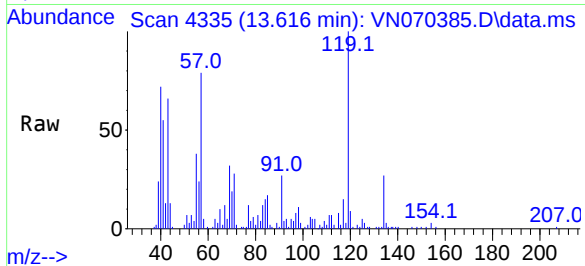




#86
p-Isopropyltoluene
Concen: 0.725 ug/l
RT: 13.616 min Scan# 411
Delta R.T. 0.003 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

Instrument :
MSVOA_N
ClientSampleId :
A2-8-6.5DL

Tgt Ion:119 Resp: 53611
Ion Ratio Lower Upper
119 100
134 25.2 13.6 40.7
91 23.8 11.4 34.1



#89
n-Butylbenzene
Concen: 2.495 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070385.D
Acq: 30 Dec 2021 8:25

Tgt Ion: 91 Resp: 153969
Ion Ratio Lower Upper
91 100
92 66.4 25.4 76.0
134 0.0 13.6 40.8#

