

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070637.D
 Acq On : 14 Jan 2022 21:10
 Operator : JC/MD
 Sample : N1160-01 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FMI-114

Quant Time: Jan 17 05:42:28 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)

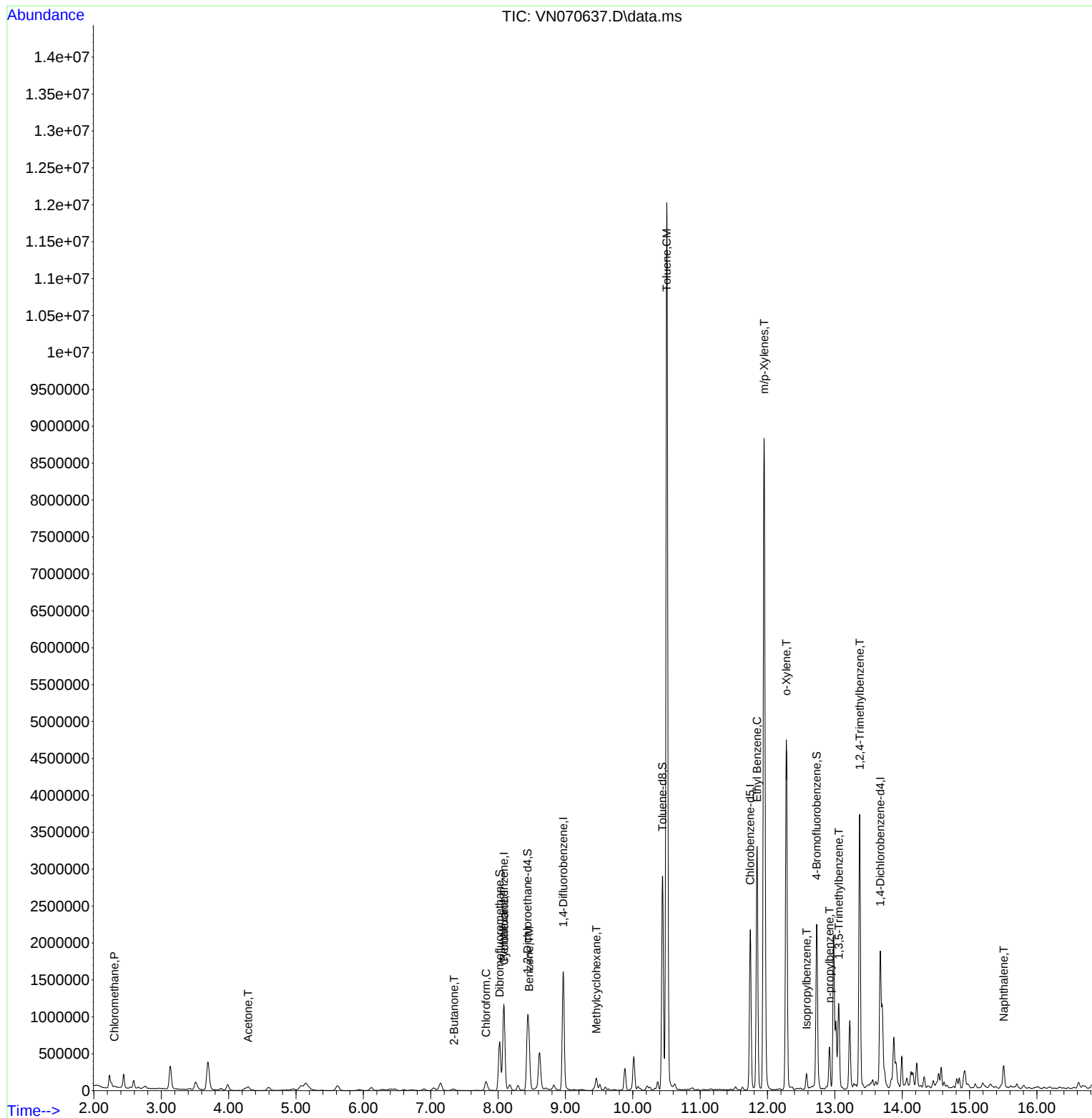
Internal Standards						
1) Pentafluorobenzene	8.088	168	816290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1385124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1236674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	502523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	694793	59.198	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 118.400%			
35) Dibromofluoromethane	8.024	113	492688	58.788	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 117.580%			
50) Toluene-d8	10.441	98	2028103	59.239	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 118.480%			
62) 4-Bromofluorobenzene	12.731	95	815442	65.946	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 131.900%			
Target Compounds						Qvalue
3) Chloromethane	2.303	50	11258	0.894	ug/l	90
16) Acetone	4.291	43	96144	12.619	ug/l	97
25) 2-Butanone	7.348	43	26573	2.770	ug/l	92
30) Chloroform	7.820	83	108231	5.893	ug/l	98
31) Cyclohexane	8.091	56	82890	4.475	ug/l #	84
39) Methylcyclohexane	9.459	83	37827	2.254	ug/l #	79
40) Benzene	8.461	78	479450	11.280	ug/l	99
52) Toluene	10.505	92	5330638	207.199	ug/l	96
67) Ethyl Benzene	11.846	91	2475574	51.492	ug/l	97
68) m/p-Xylenes	11.950	106	2793724	159.639	ug/l	93
69) o-Xylene	12.280	106	1321509	75.919	ug/l	92
73) Isopropylbenzene	12.581	105	141501	3.032	ug/l	99
78) n-propylbenzene	12.921	91	450820	8.719	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	565331	15.117	ug/l	96
84) 1,2,4-Trimethylbenzene	13.369	105	2178438	60.495	ug/l	97
95) Naphthalene	15.507	128	291903	14.088	ug/l	99

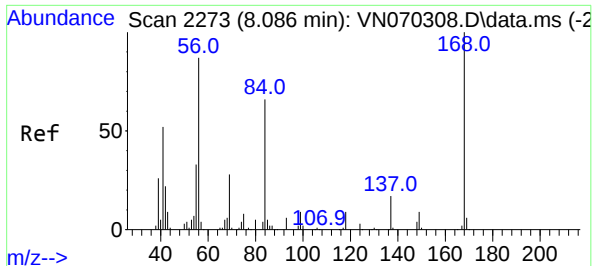
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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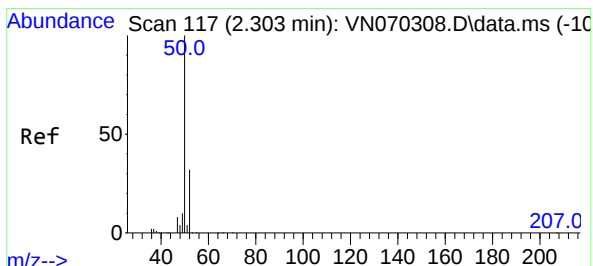
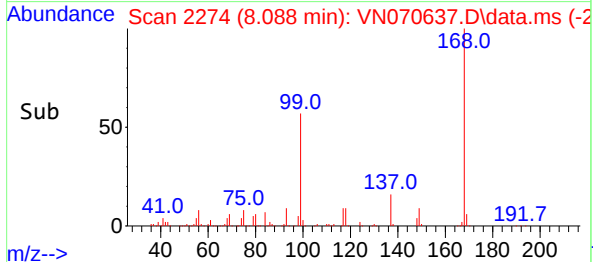
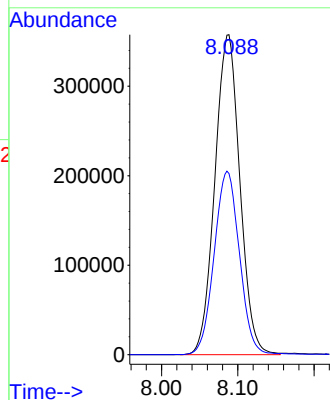
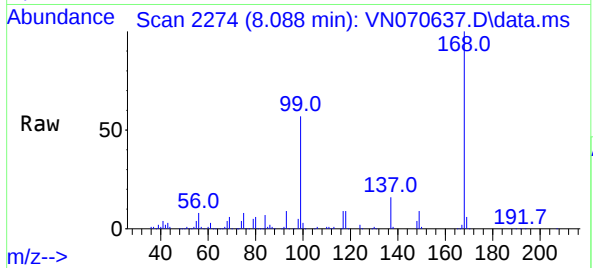




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

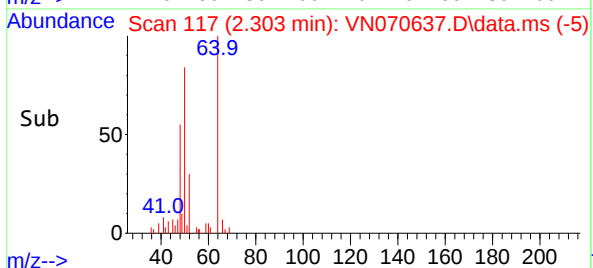
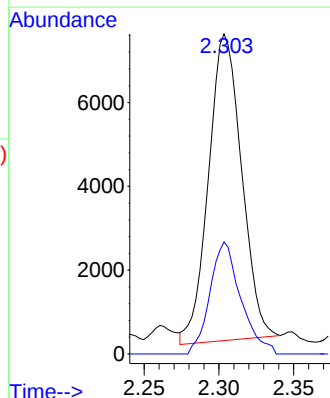
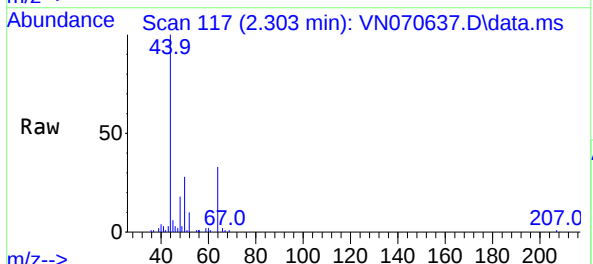
Instrument :
MSVOA_N
ClientSampleId :
FMI-114

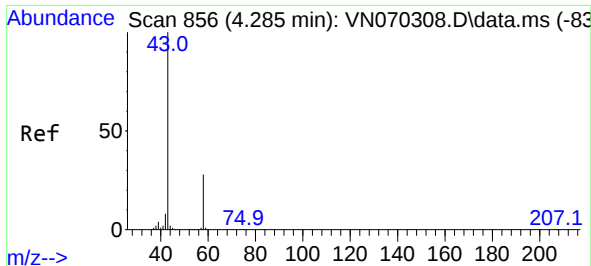
Tgt Ion:168 Resp: 816290
Ion Ratio Lower Upper
168 100
99 56.6 41.3 61.9



#3
Chloromethane
Concen: 0.894 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

Tgt Ion: 50 Resp: 11258
Ion Ratio Lower Upper
50 100
52 37.1 25.4 38.0

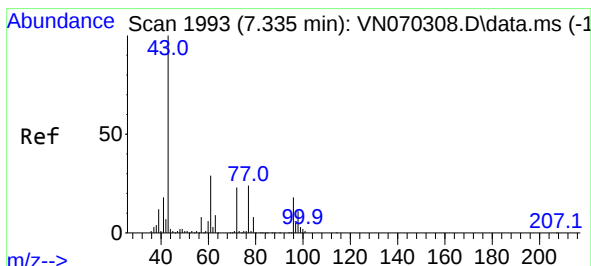
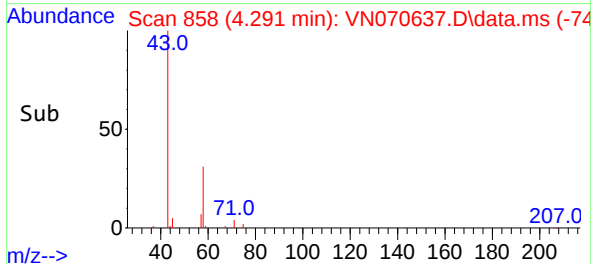
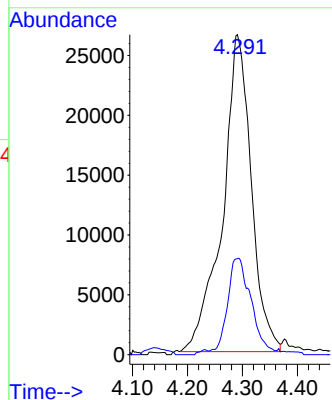
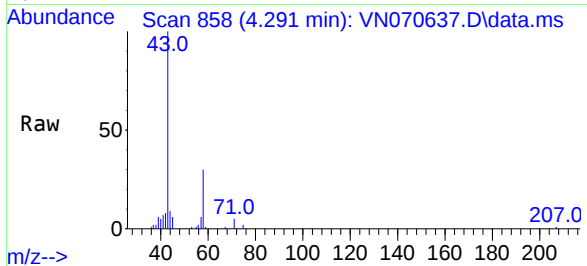




#16
Acetone
Concen: 12.619 ug/l
RT: 4.291 min Scan# 856
Delta R.T. 0.006 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

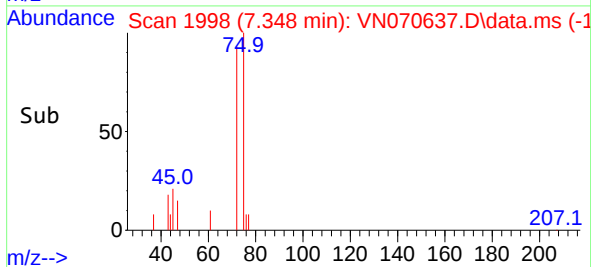
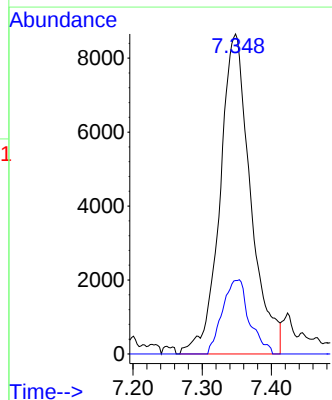
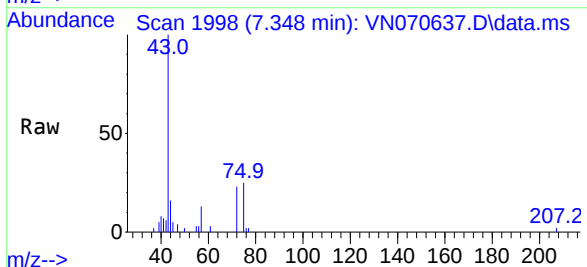
Instrument :
MSVOA_N
ClientSampleId :
FMI-114

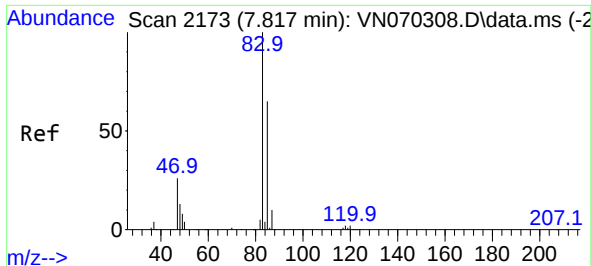
Tgt Ion: 43 Resp: 96144
Ion Ratio Lower Upper
43 100
58 30.3 23.1 34.7



#25
2-Butanone
Concen: 2.770 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.013 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

Tgt Ion: 43 Resp: 26573
Ion Ratio Lower Upper
43 100
72 22.9 21.7 32.5





#30

Chloroform

Concen: 5.893 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.003 min

Lab File: VN070637.D

Acq: 14 Jan 2022 21:10

Instrument :

MSVOA_N

ClientSampleId :

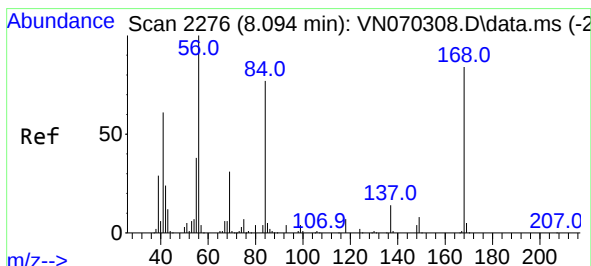
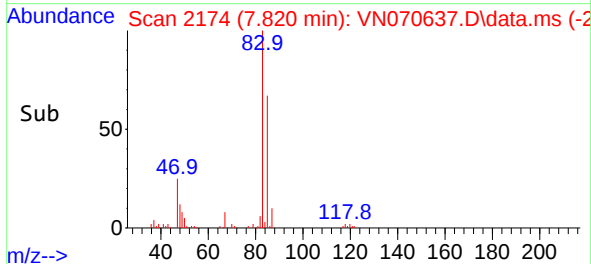
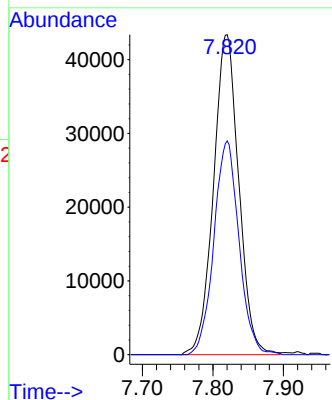
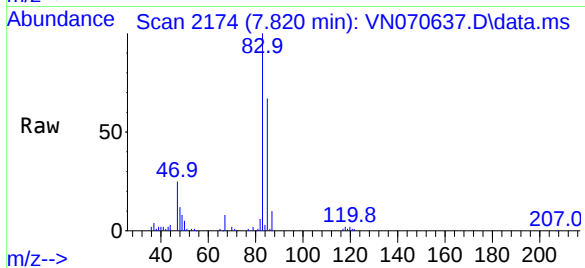
FMI-114

Tgt Ion: 83 Resp: 108231

Ion Ratio Lower Upper

83 100

85 66.8 51.9 77.9



#31

Cyclohexane

Concen: 4.475 ug/l

RT: 8.091 min Scan# 2275

Delta R.T. -0.003 min

Lab File: VN070637.D

Acq: 14 Jan 2022 21:10

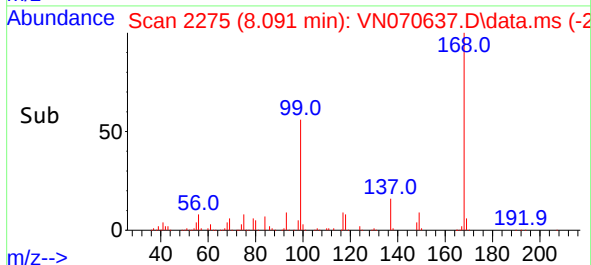
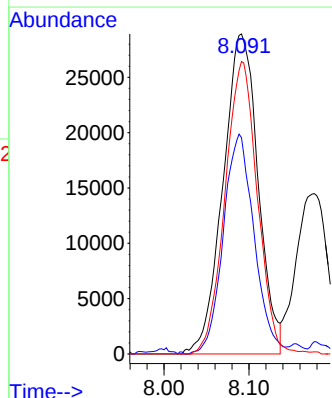
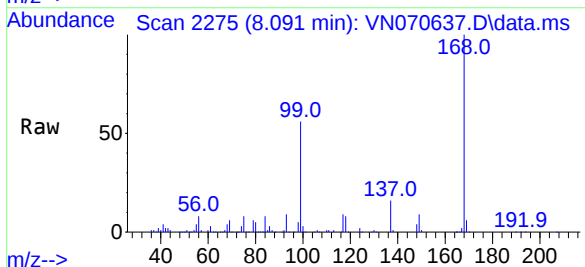
Tgt Ion: 56 Resp: 82890

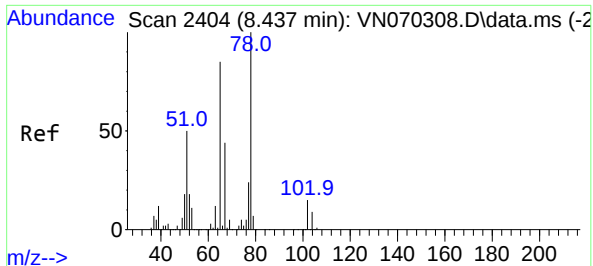
Ion Ratio Lower Upper

56 100

69 66.9 27.1 40.7#

84 91.4 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 59.198 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070637.D

Acq: 14 Jan 2022 21:10

Instrument :

MSVOA_N

ClientSampleId :

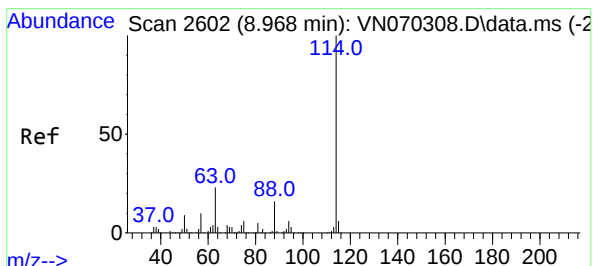
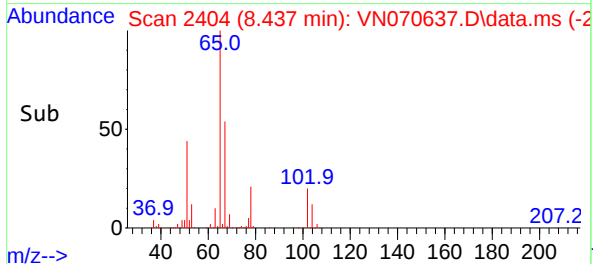
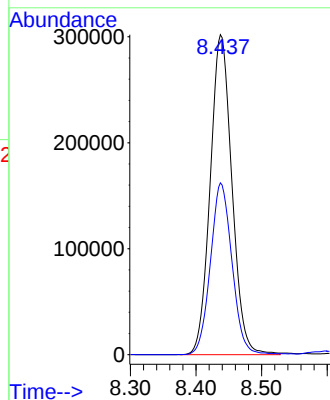
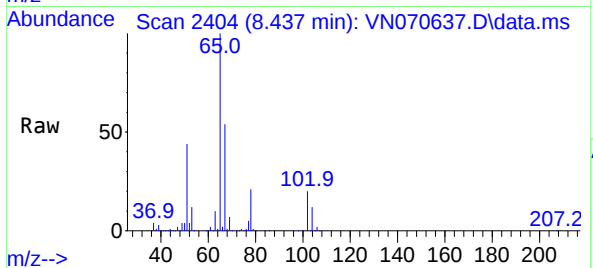
FMI-114

Tgt Ion: 65 Resp: 694793

Ion Ratio Lower Upper

65 100

67 53.1 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: VN070637.D

Acq: 14 Jan 2022 21:10

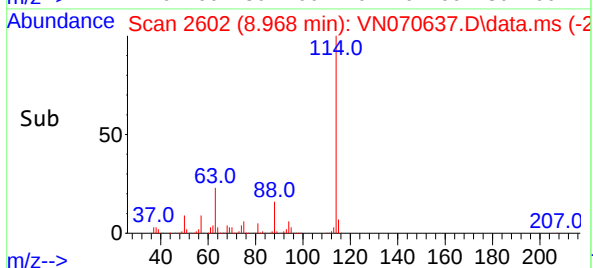
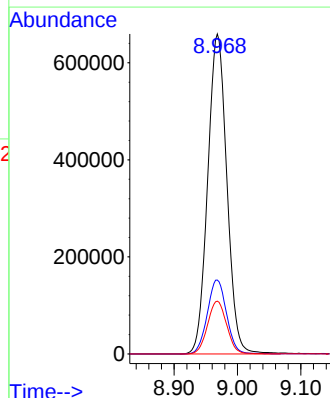
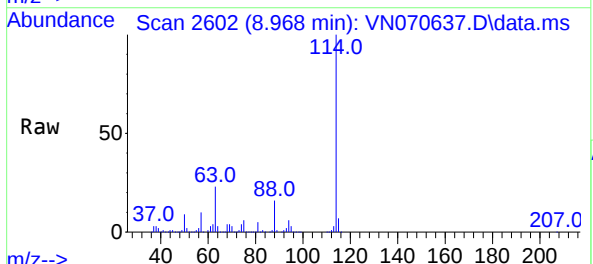
Tgt Ion: 114 Resp: 1385124

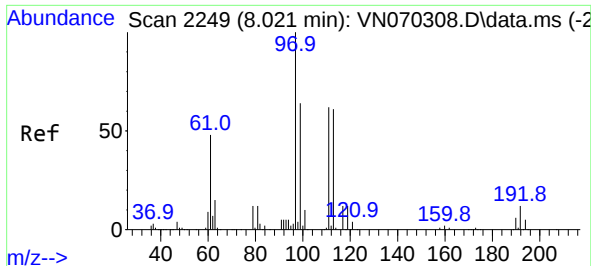
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

88 16.5 0.0 27.4

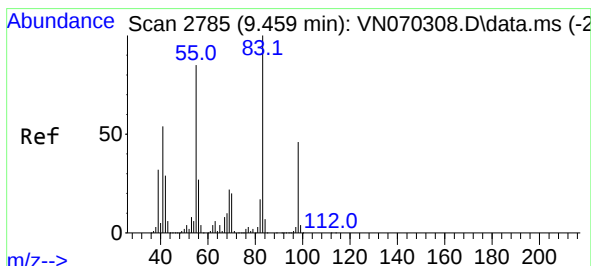
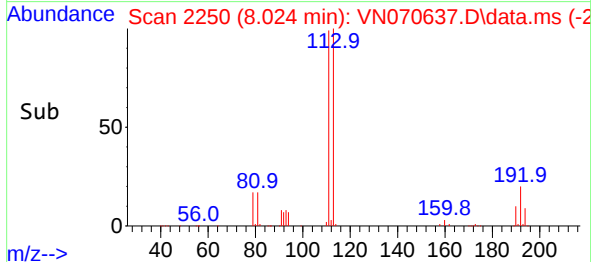
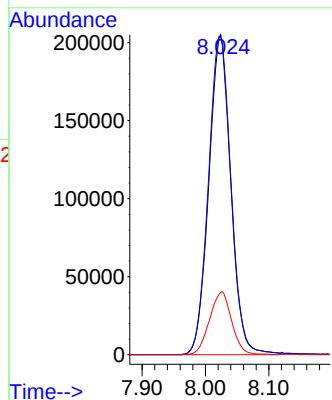
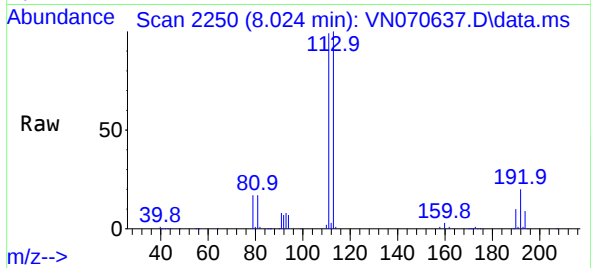




#35
Dibromofluoromethane
Concen: 58.788 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

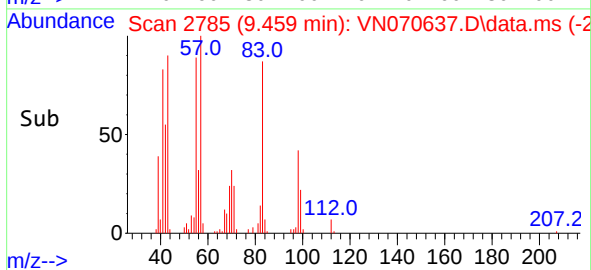
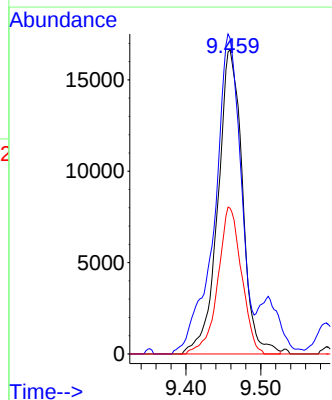
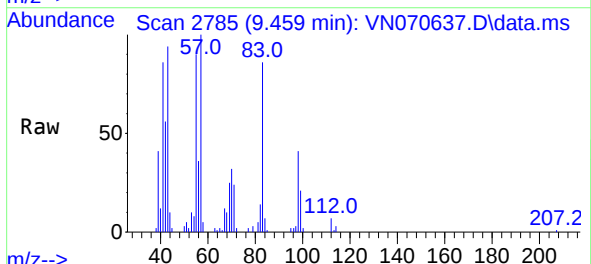
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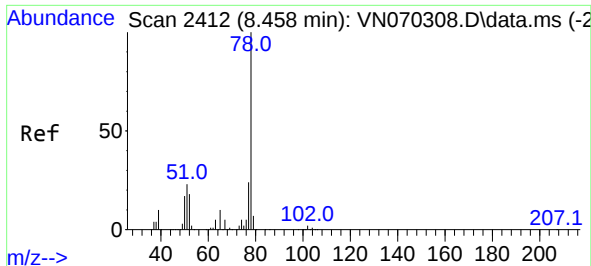
Tgt Ion:113 Resp: 492688
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.9 16.9 25.3



#39
Methylcyclohexane
Concen: 2.254 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

Tgt Ion: 83 Resp: 37827
Ion Ratio Lower Upper
83 100
55 101.3 58.1 87.1#
98 47.9 38.4 57.6

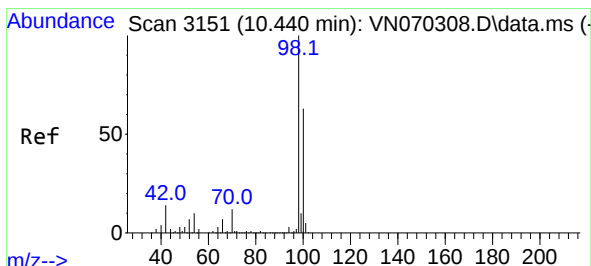
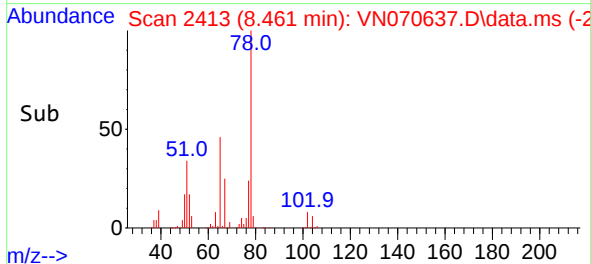
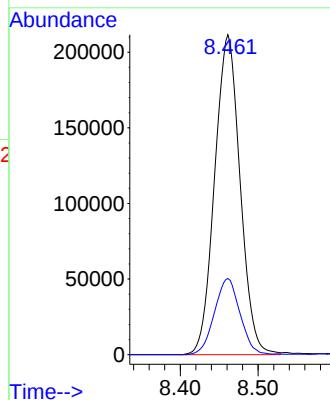
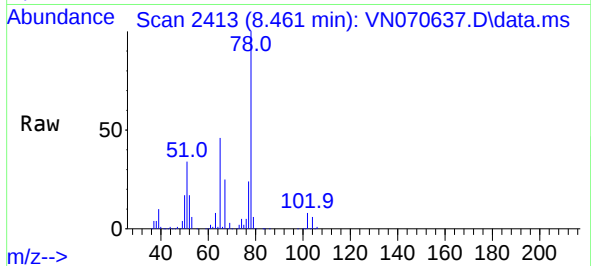




#40
Benzene
Concen: 11.280 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.003 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

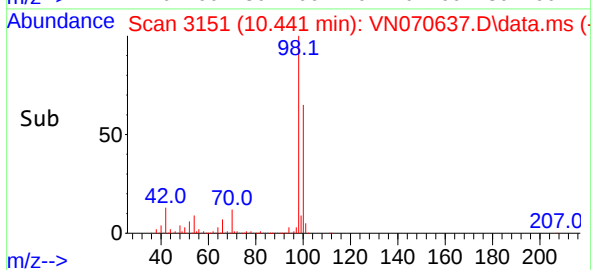
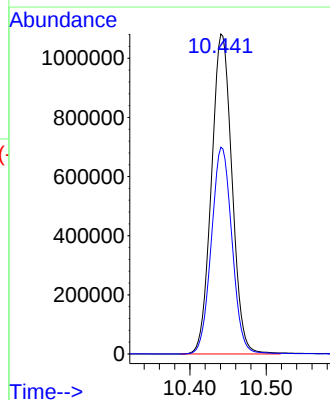
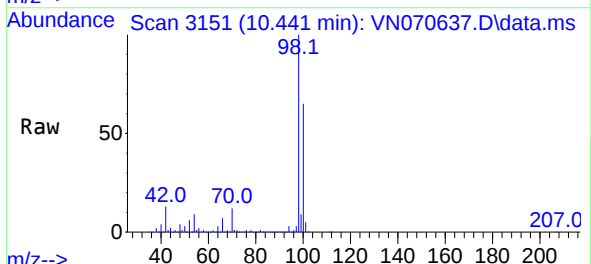
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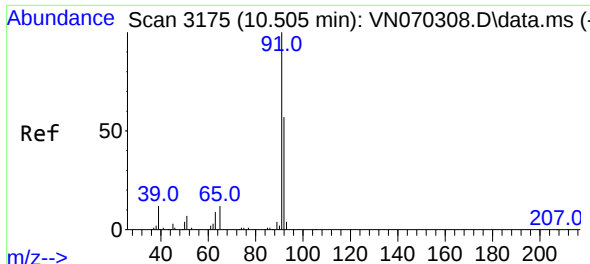
Tgt Ion: 78 Resp: 479450
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8



#50
Toluene-d8
Concen: 59.239 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

Tgt Ion: 98 Resp: 2028103
Ion Ratio Lower Upper
98 100
100 64.8 50.4 75.6

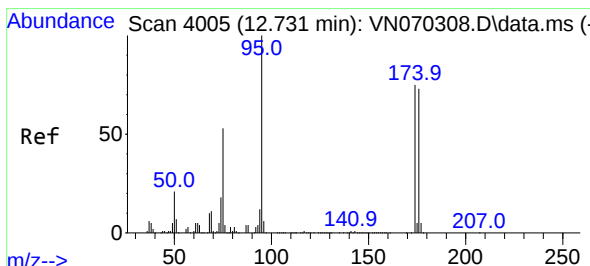
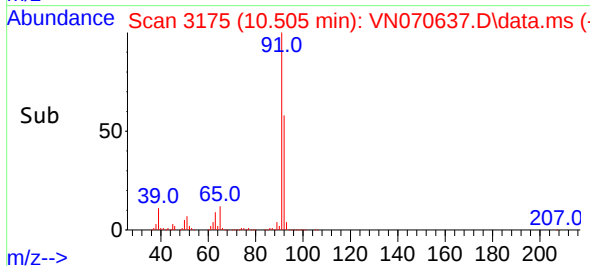
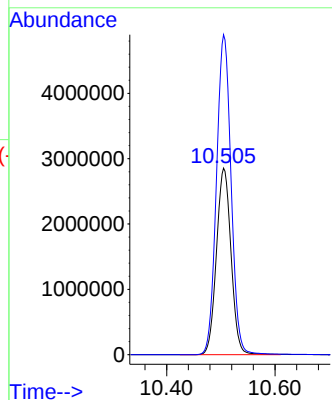
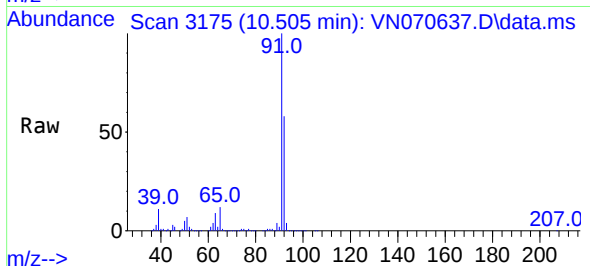




#52
Toluene
Concen: 207.199 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

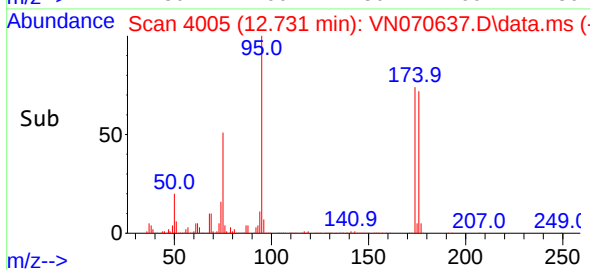
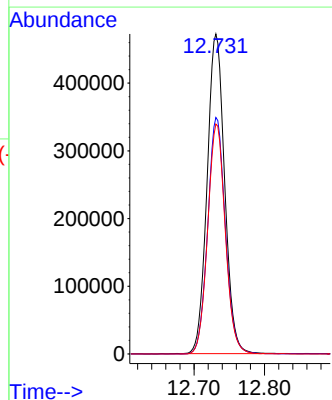
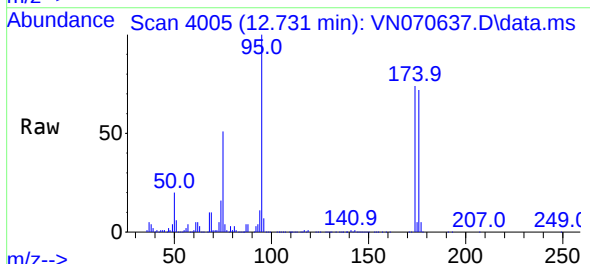
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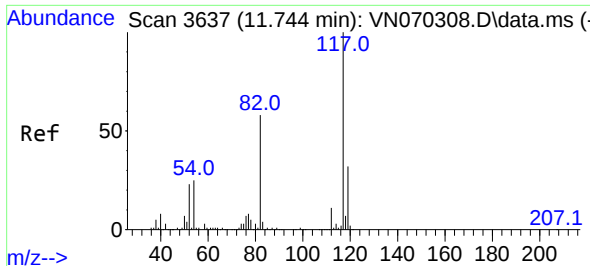
Tgt Ion: 92 Resp: 5330638
Ion Ratio Lower Upper
92 100
91 172.4 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 65.946 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

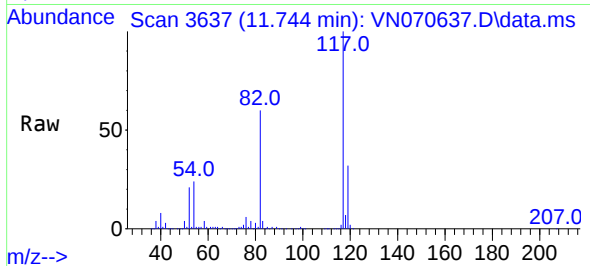
Tgt Ion: 95 Resp: 815442
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 72.2 0.0 181.4



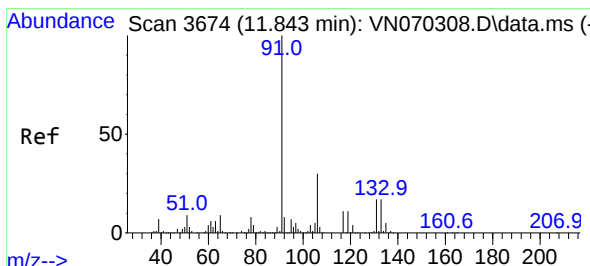
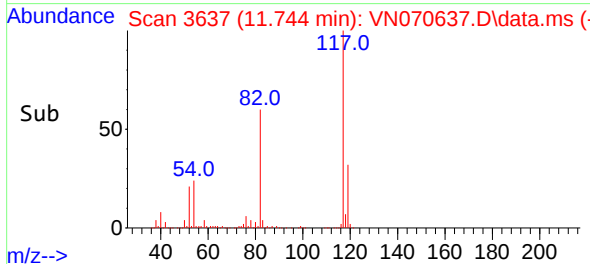
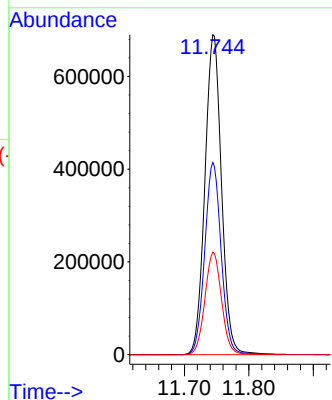


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

Instrument :
MSVOA_N
ClientSampleId :
FMI-114

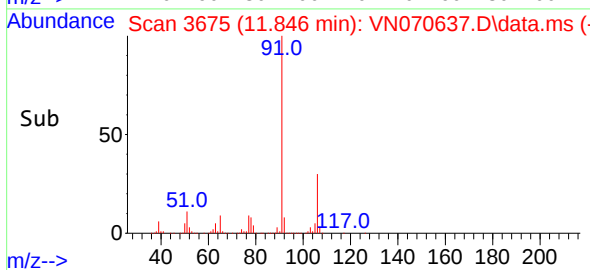
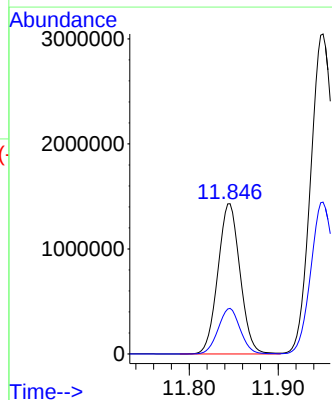
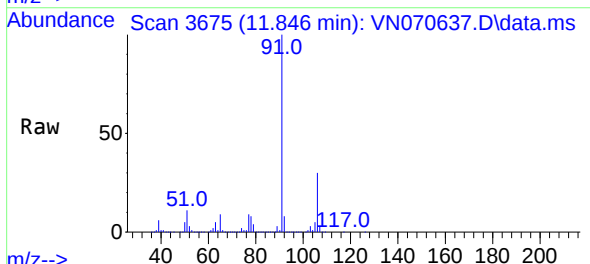


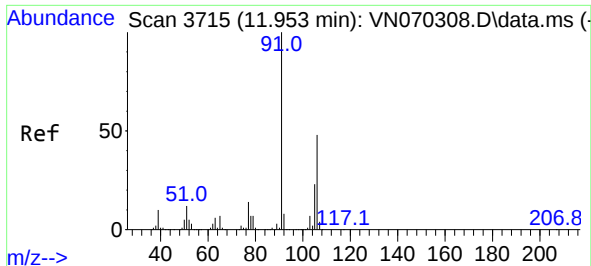
Tgt Ion:117 Resp: 1236674
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.0 25.4 38.2



#67
Ethyl Benzene
Concen: 51.492 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

Tgt Ion: 91 Resp: 2475574
Ion Ratio Lower Upper
91 100
106 30.4 25.7 38.5

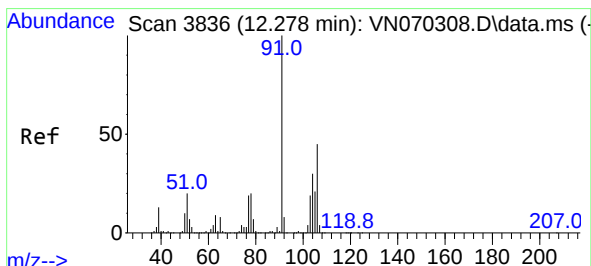
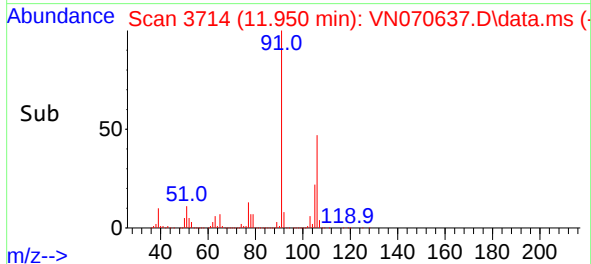
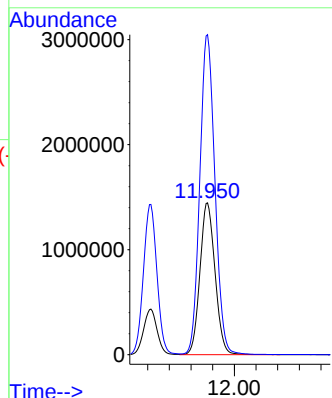
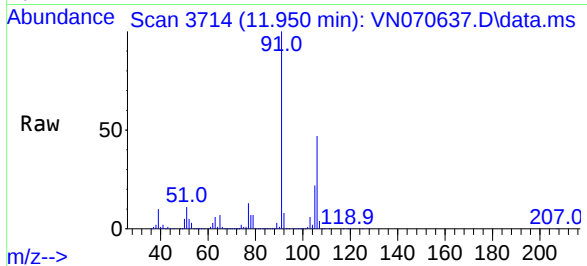




#68
m/p-Xylenes
Concen: 159.639 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

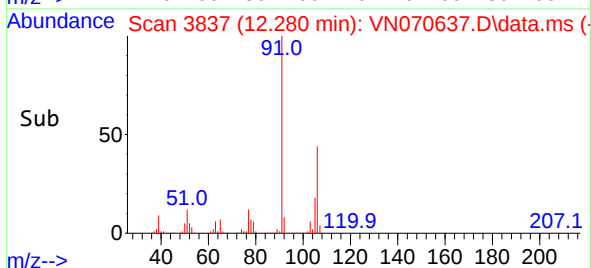
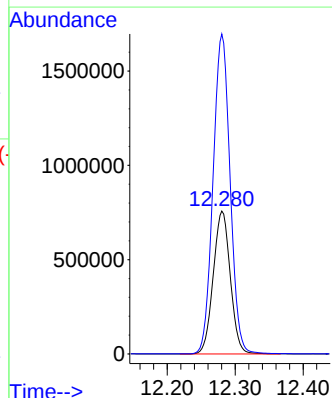
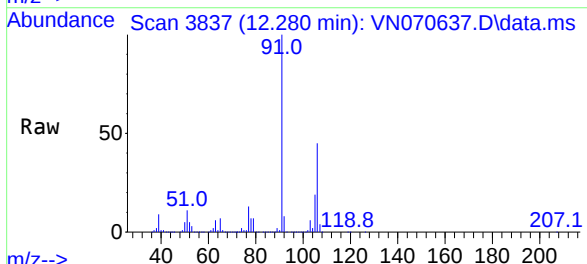
Instrument :
MSVOA_N
ClientSampleId :
FMI-114

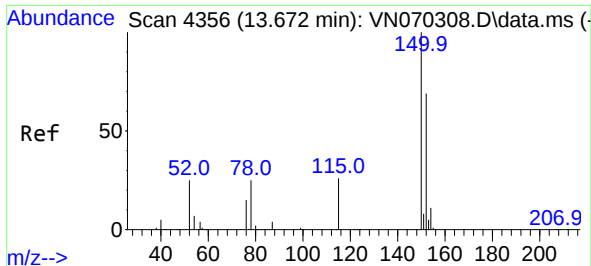
Tgt Ion:106 Resp: 2793724
Ion Ratio Lower Upper
106 100
91 211.1 160.6 240.8



#69
o-Xylene
Concen: 75.919 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

Tgt Ion:106 Resp: 1321509
Ion Ratio Lower Upper
106 100
91 223.9 105.8 317.3

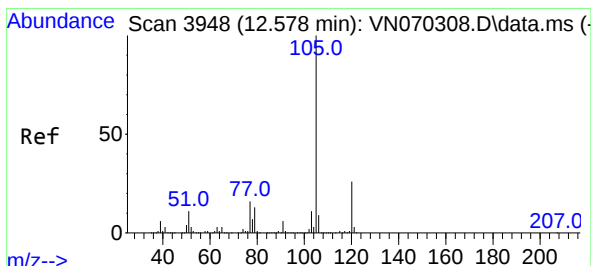
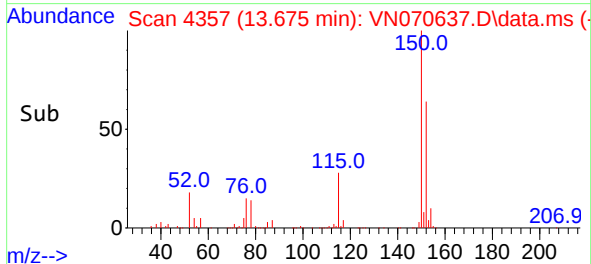
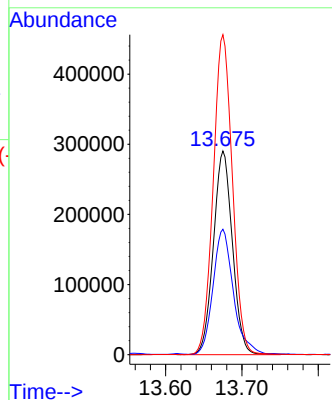
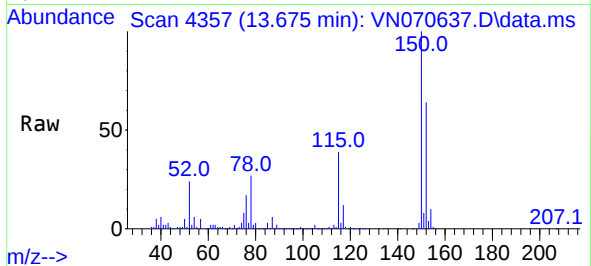




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

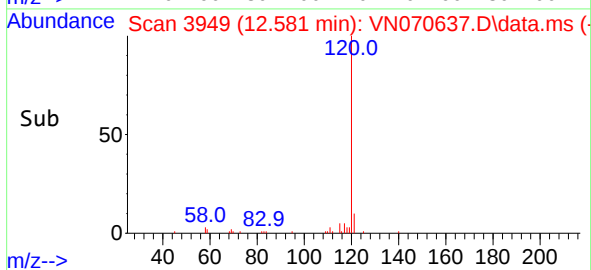
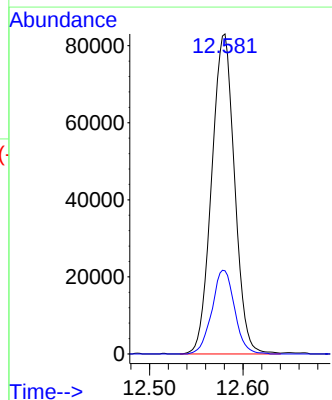
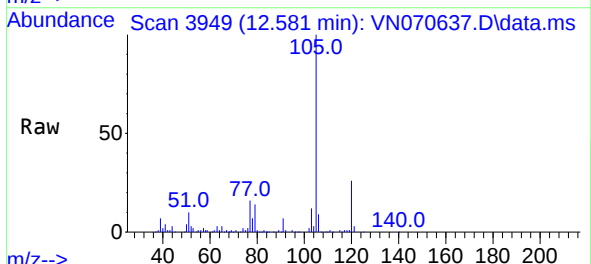
Instrument :
MSVOA_N
ClientSampleId :
FMI-114

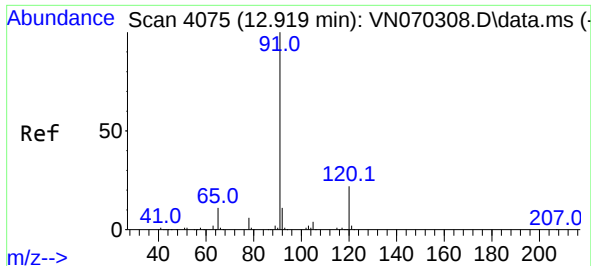
Tgt Ion:152 Resp: 502523
Ion Ratio Lower Upper
152 100
115 65.6 27.5 82.5
150 158.3 0.0 344.4



#73
Isopropylbenzene
Concen: 3.032 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

Tgt Ion:105 Resp: 141501
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

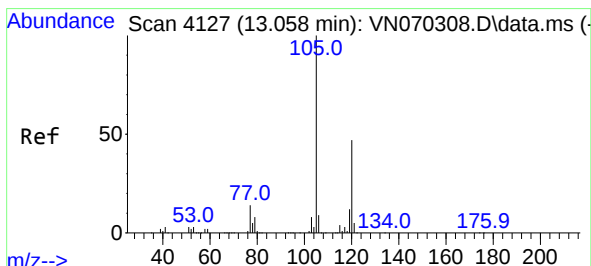
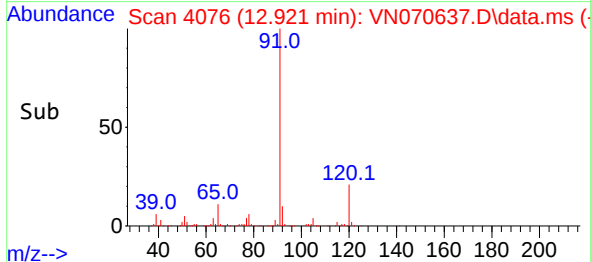
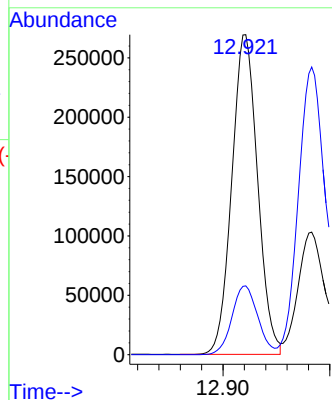
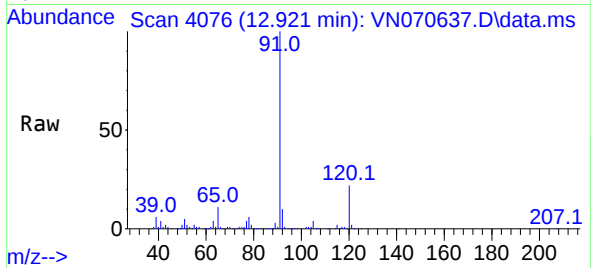




#78
n-propylbenzene
Concen: 8.719 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

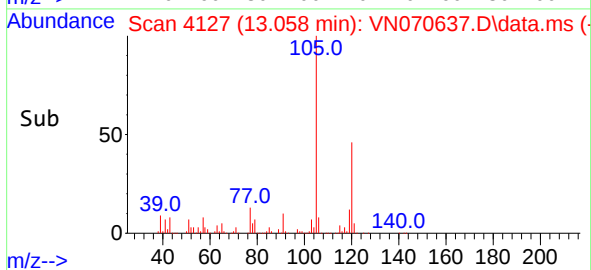
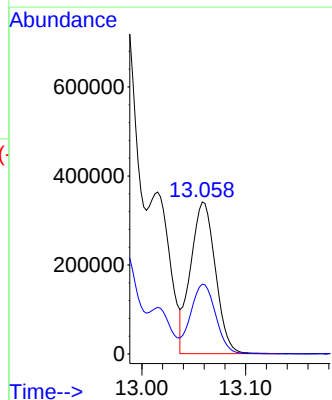
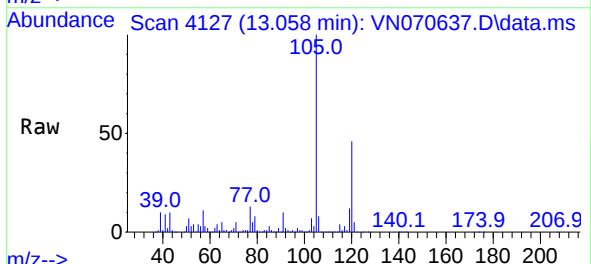
Instrument :
MSVOA_N
ClientSampleId :
FMI-114

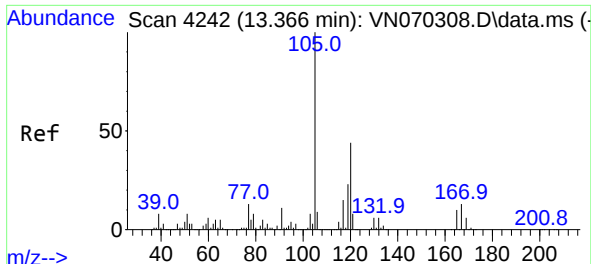
Tgt Ion: 91 Resp: 450820
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 15.117 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

Tgt Ion: 105 Resp: 565331
Ion Ratio Lower Upper
105 100
120 46.3 24.6 73.6

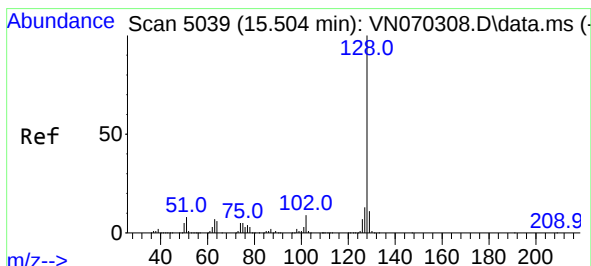
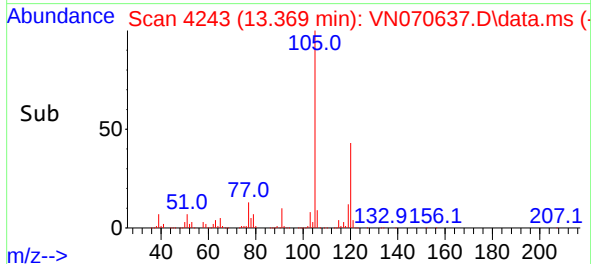
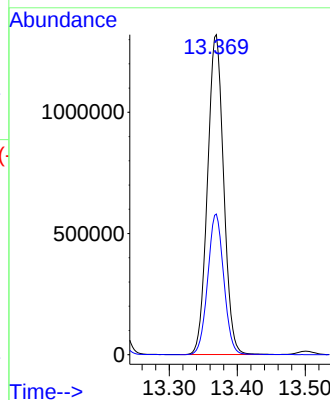
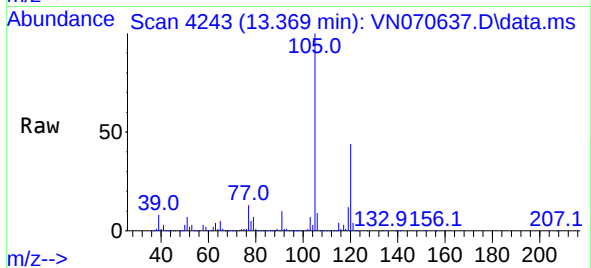




#84
1,2,4-Trimethylbenzene
Concen: 60.495 ug/l
RT: 13.369 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

Instrument :
MSVOA_N
ClientSampleId :
FMI-114

Tgt Ion:105 Resp: 2178438
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4



#95
Naphthalene
Concen: 14.088 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070637.D
Acq: 14 Jan 2022 21:10

Tgt Ion:128 Resp: 291903
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 11.4 8.7 13.1

