

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021622\
 Data File : VN070968.D
 Acq On : 16 Feb 2022 19:06
 Operator : JC\MD
 Sample : N1573-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-25R

Quant Time: Feb 17 04:14:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

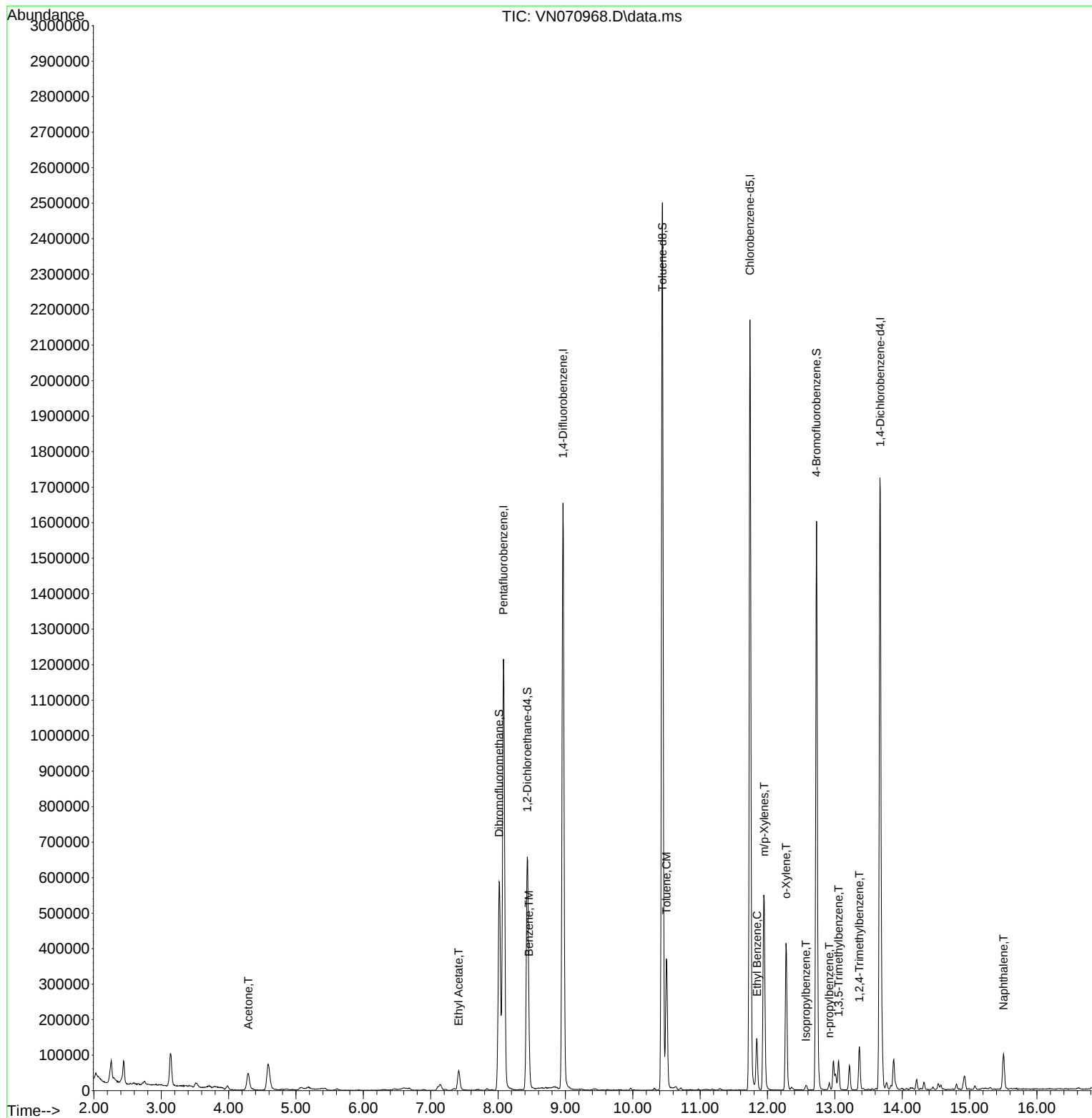
Internal Standards						
1) Pentafluorobenzene	8.081	168	963409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1477923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1321609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	509602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	542669	49.310	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.620%
35) Dibromofluoromethane	8.016	113	438810	49.918	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.840%
50) Toluene-d8	10.439	98	1757233	49.776	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.727	95	575335	45.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.180%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	86478	14.268	ug/l #	87
37) Ethyl Acetate	7.416	43	86175	5.579	ug/l	98
40) Benzene	8.457	78	38073	0.894	ug/l	99
52) Toluene	10.498	92	161867	6.047	ug/l	95
67) Ethyl Benzene	11.845	91	104955	2.106	ug/l	97
68) m/p-Xylenes	11.951	106	191199	9.931	ug/l	99
69) o-Xylene	12.274	106	118496	6.300	ug/l	99
73) Isopropylbenzene	12.568	105	9151	0.223	ug/l	95
78) n-propylbenzene	12.915	91	16283	0.353	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	40473	1.218	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	71975	2.200	ug/l	100
95) Naphthalene	15.504	128	101254	8.990	ug/l	98

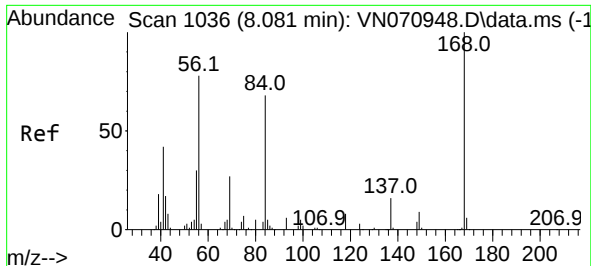
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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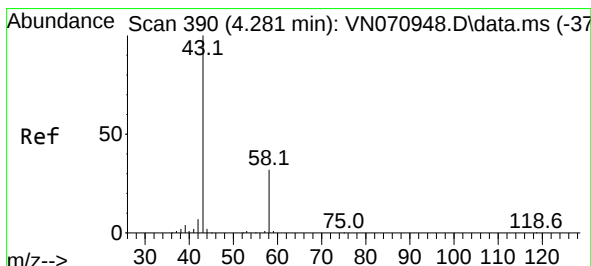
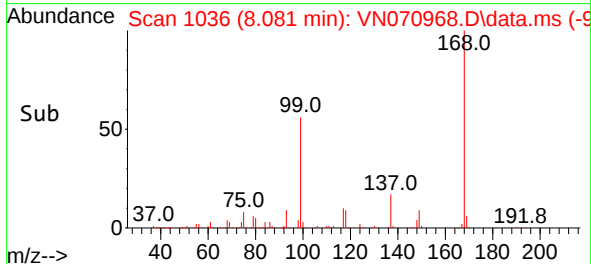
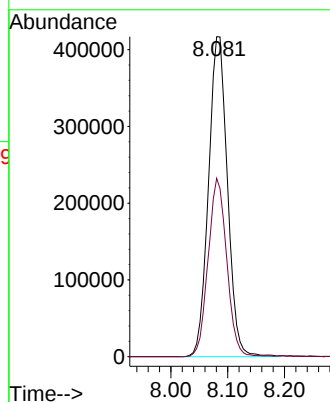
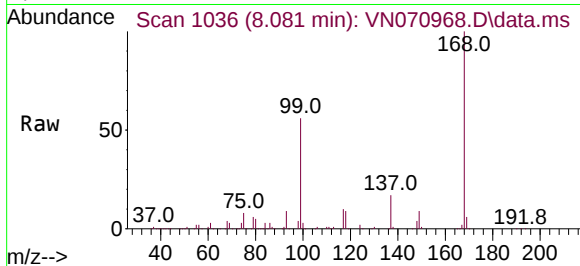




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN070968.D
Acq: 16 Feb 2022 19:06

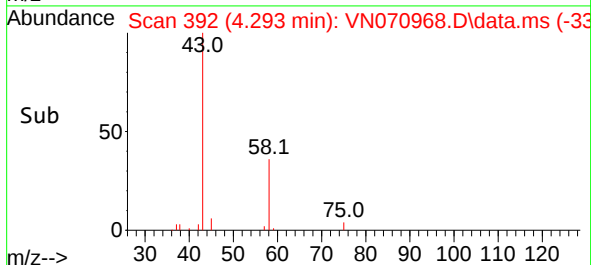
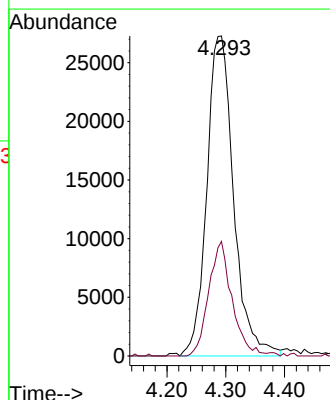
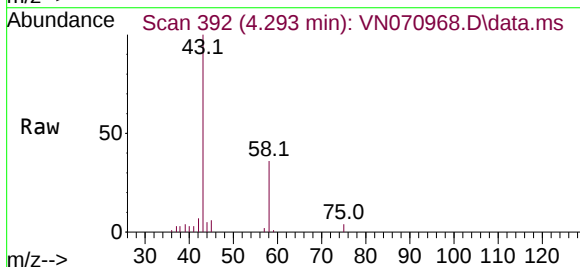
Instrument :
MSVOA_N
ClientSampleId :
MW-25R

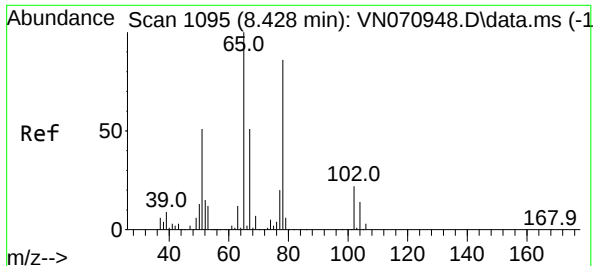
Tgt Ion:168 Resp: 963409
Ion Ratio Lower Upper
168 100
99 55.7 41.3 61.9



#16
Acetone
Concen: 14.268 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN070968.D
Acq: 16 Feb 2022 19:06

Tgt Ion: 43 Resp: 86478
Ion Ratio Lower Upper
43 100
58 35.8 23.1 34.7#





#33

1,2-Dichloroethane-d4

Concen: 49.310 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VN070968.D

Acq: 16 Feb 2022 19:06

Instrument :

MSVOA_N

ClientSampleId :

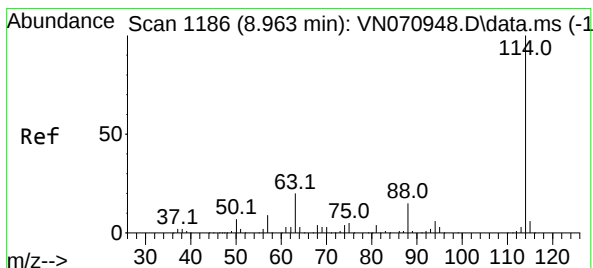
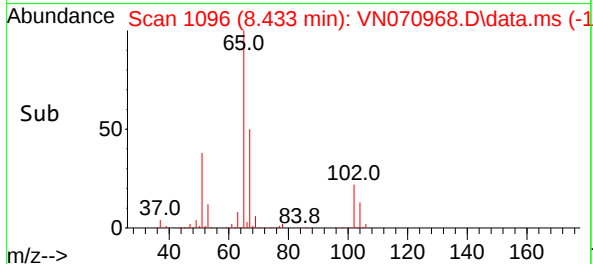
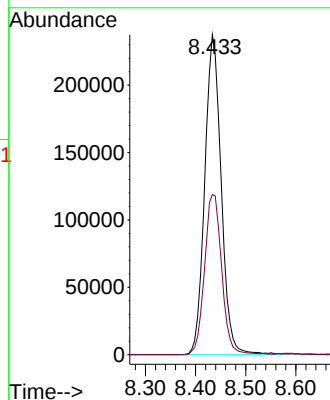
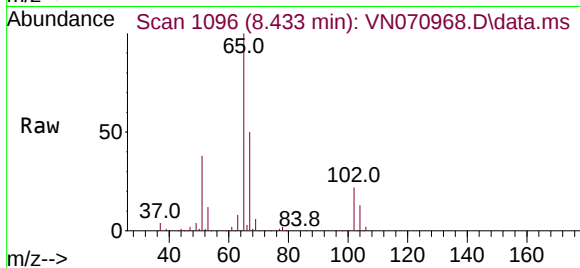
MW-25R

Tgt Ion: 65 Resp: 542669

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN070968.D

Acq: 16 Feb 2022 19:06

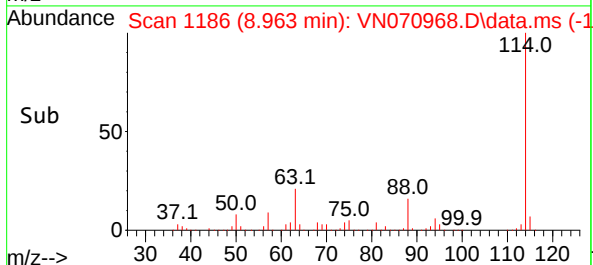
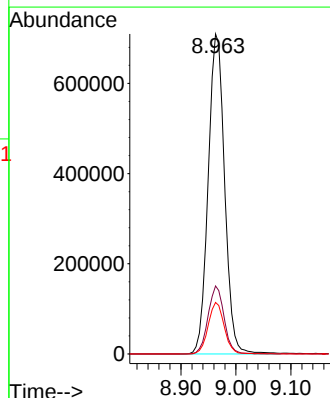
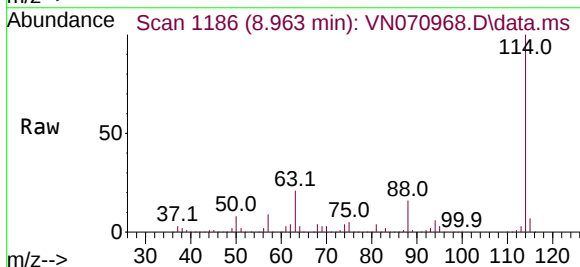
Tgt Ion: 114 Resp: 1477923

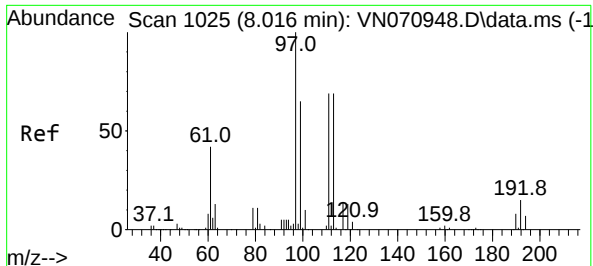
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.8

88 16.1 0.0 27.4





#35

Dibromofluoromethane

Concen: 49.918 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN070968.D

Acq: 16 Feb 2022 19:06

Instrument :

MSVOA_N

ClientSampleId :

MW-25R

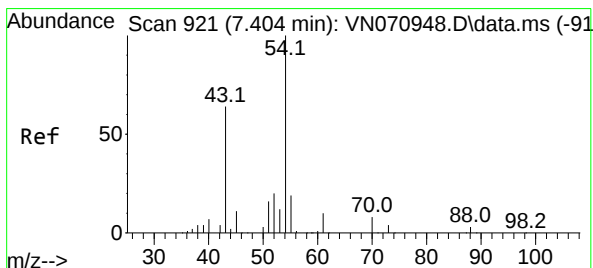
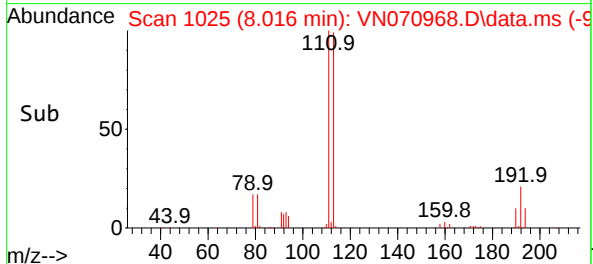
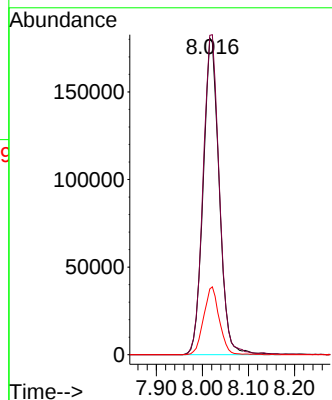
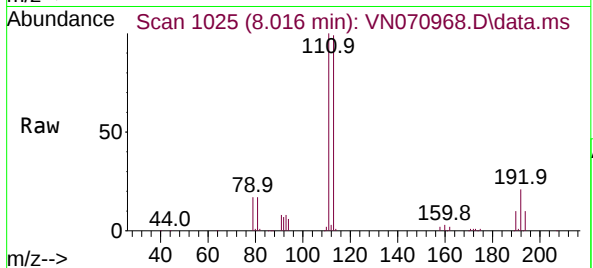
Tgt Ion:113 Resp: 438810

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

192 21.0 16.9 25.3



#37

Ethyl Acetate

Concen: 5.579 ug/l

RT: 7.416 min Scan# 923

Delta R.T. 0.012 min

Lab File: VN070968.D

Acq: 16 Feb 2022 19:06

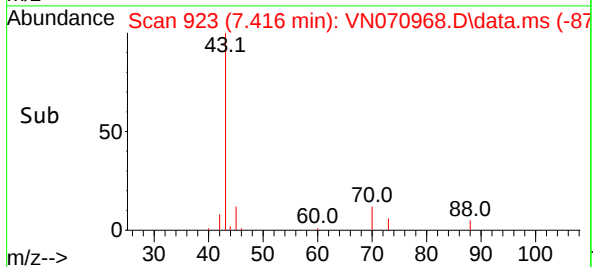
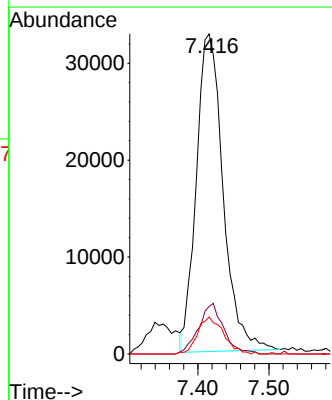
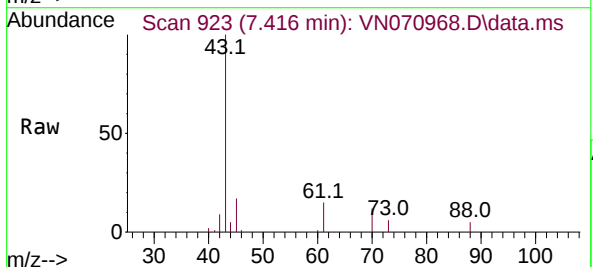
Tgt Ion: 43 Resp: 86175

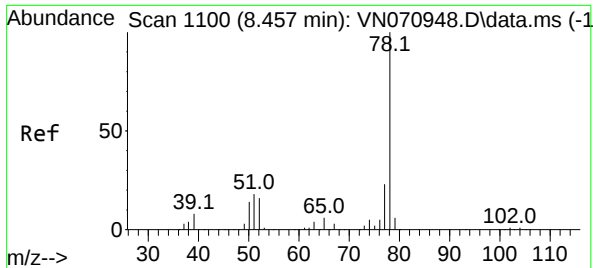
Ion Ratio Lower Upper

43 100

61 14.7 11.5 17.3

70 11.2 7.9 11.9

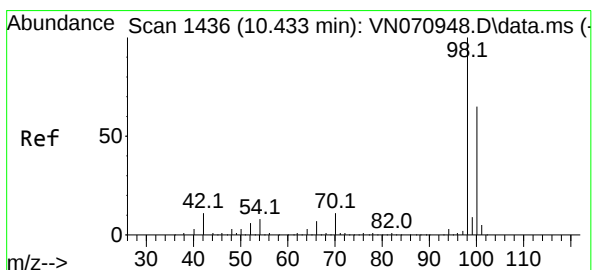
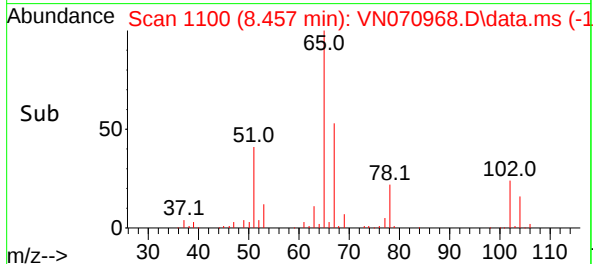
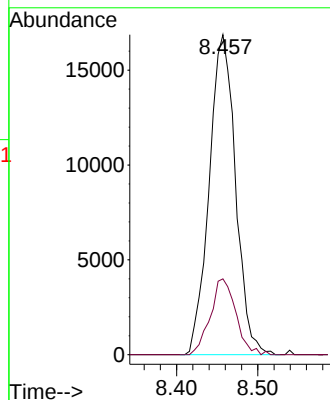
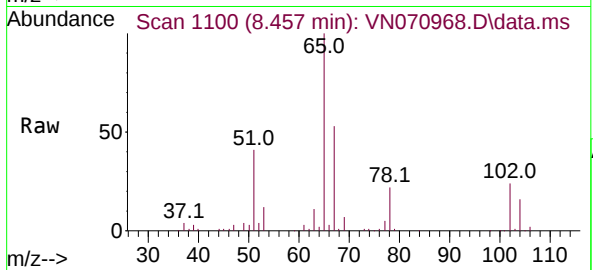




#40
Benzene
Concen: 0.894 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN070968.D
Acq: 16 Feb 2022 19:06

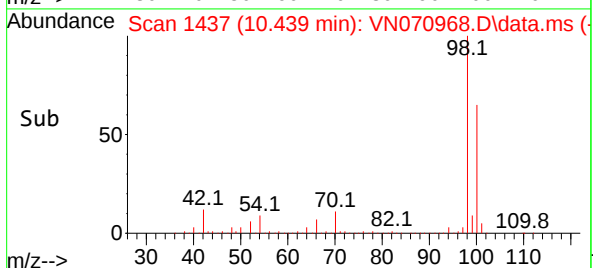
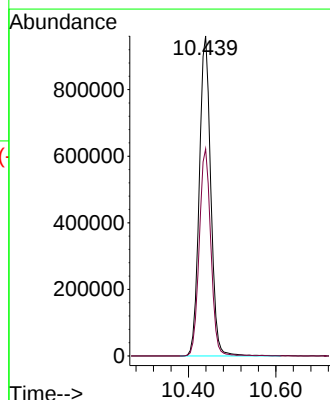
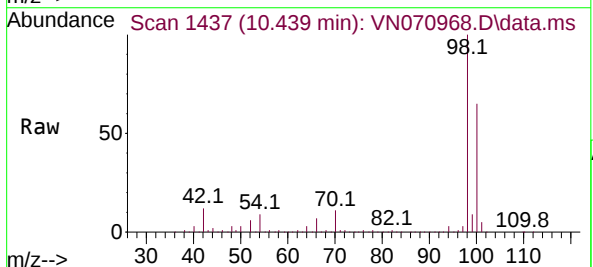
Instrument :
MSVOA_N
ClientSampleId :
MW-25R

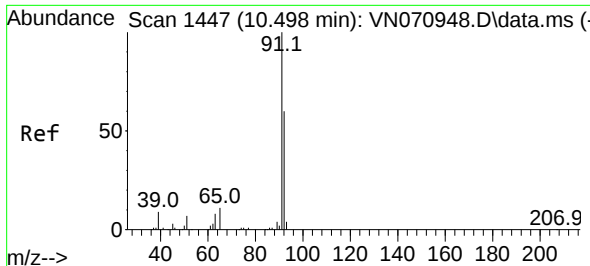
Tgt Ion: 78 Resp: 38073
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8



#50
Toluene-d8
Concen: 49.776 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN070968.D
Acq: 16 Feb 2022 19:06

Tgt Ion: 98 Resp: 1757233
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6

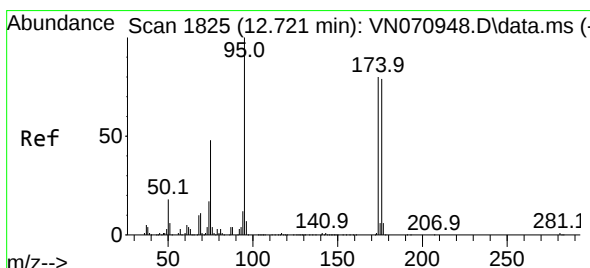
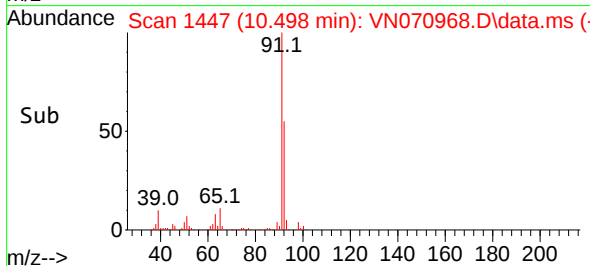
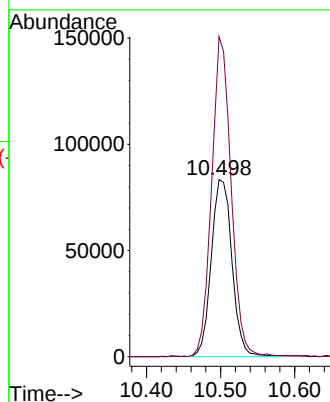
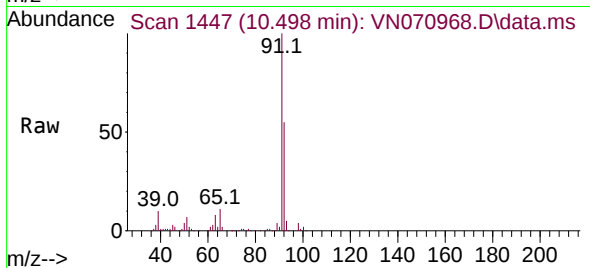




#52
Toluene
Concen: 6.047 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN070968.D
Acq: 16 Feb 2022 19:06

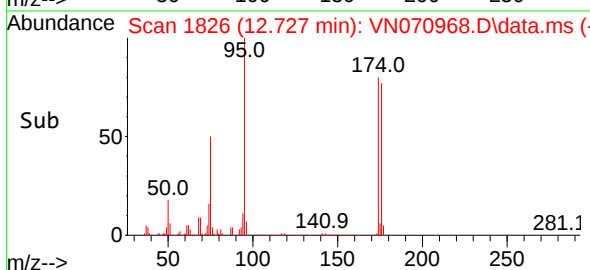
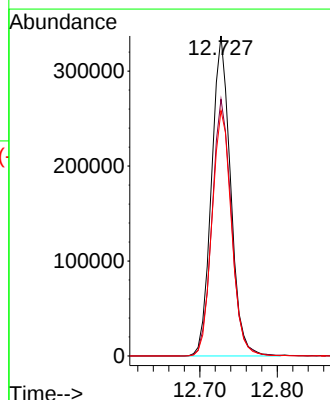
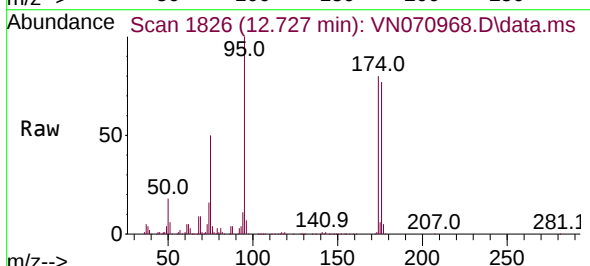
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ClientSampleId :
MW-25R

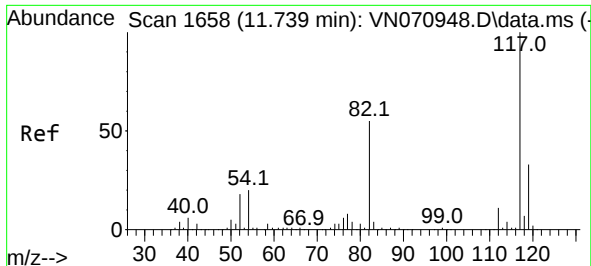
Tgt Ion: 92 Resp: 161867
Ion Ratio Lower Upper
92 100
91 170.2 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 45.594 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070968.D
Acq: 16 Feb 2022 19:06

Tgt Ion: 95 Resp: 575335
Ion Ratio Lower Upper
95 100
174 81.5 0.0 187.2
176 78.8 0.0 181.4

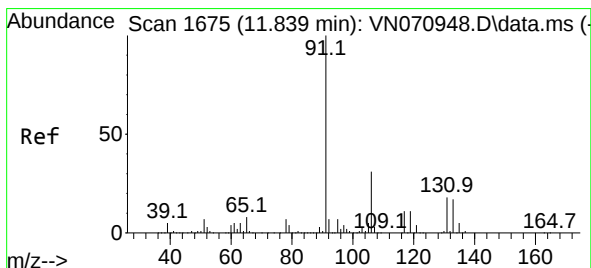
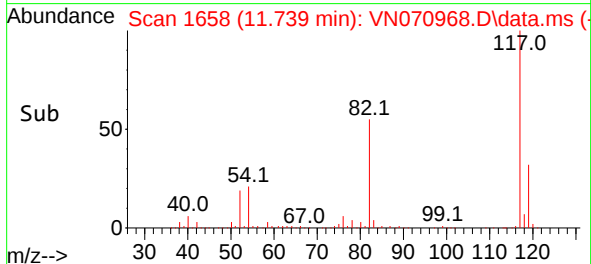
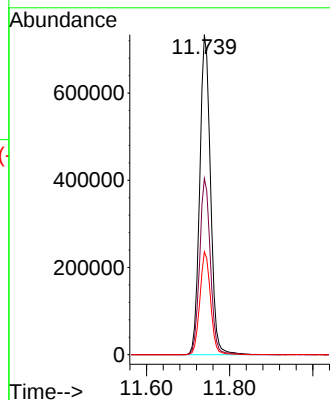
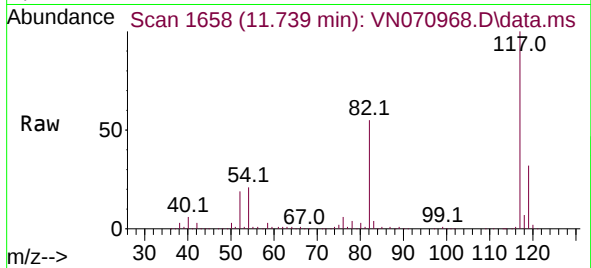




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN070968.D
Acq: 16 Feb 2022 19:06

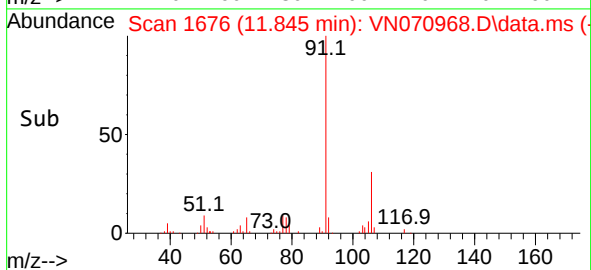
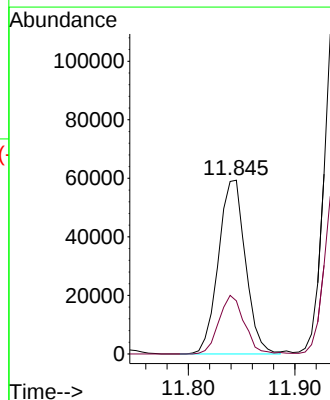
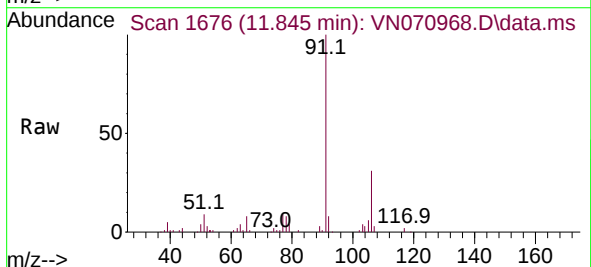
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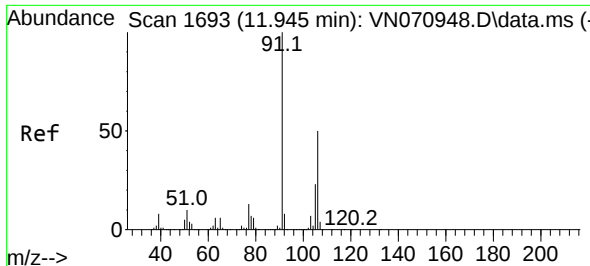
Tgt Ion:117 Resp: 1321609
Ion Ratio Lower Upper
117 100
82 55.0 42.4 63.6
119 32.2 25.4 38.2



#67
Ethyl Benzene
Concen: 2.106 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN070968.D
Acq: 16 Feb 2022 19:06

Tgt Ion: 91 Resp: 104955
Ion Ratio Lower Upper
91 100
106 30.6 25.7 38.5

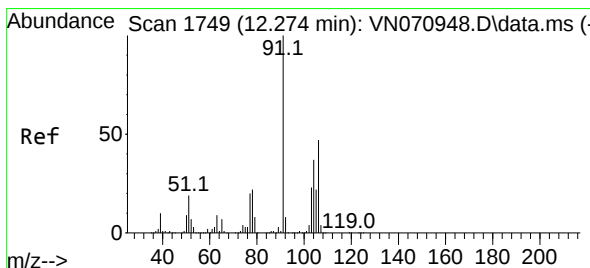
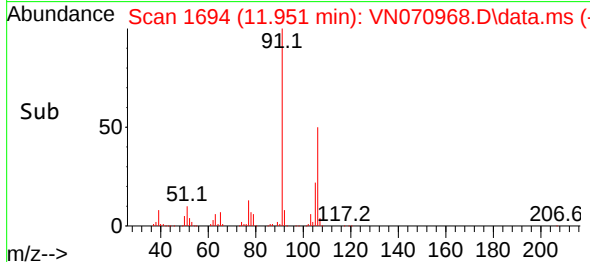
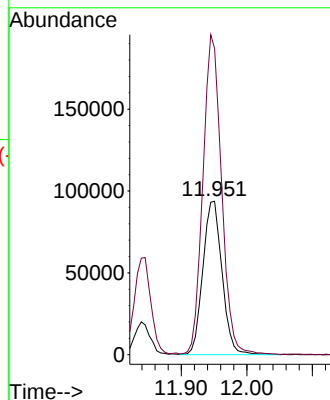
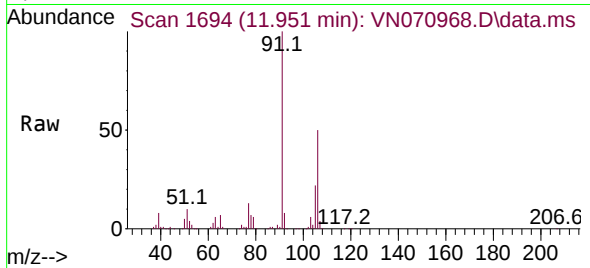




#68
m/p-Xylenes
Concen: 9.931 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN070968.D
Acq: 16 Feb 2022 19:06

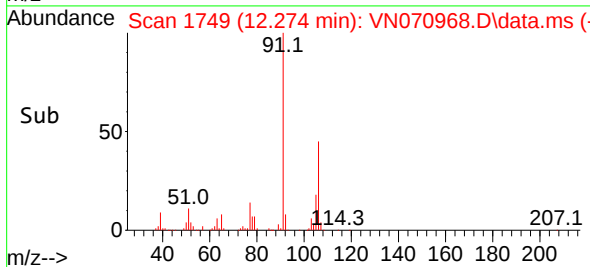
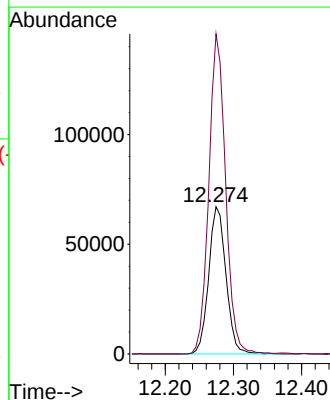
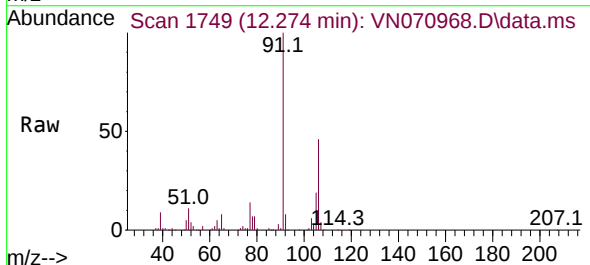
Instrument :
MSVOA_N
ClientSampleId :
MW-25R

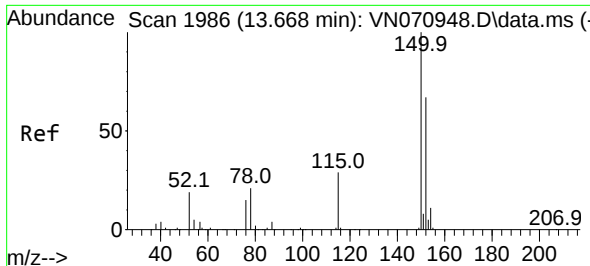
Tgt Ion:106 Resp: 191199
Ion Ratio Lower Upper
106 100
91 202.4 160.6 240.8



#69
o-Xylene
Concen: 6.300 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN070968.D
Acq: 16 Feb 2022 19:06

Tgt Ion:106 Resp: 118496
Ion Ratio Lower Upper
106 100
91 210.6 105.8 317.3

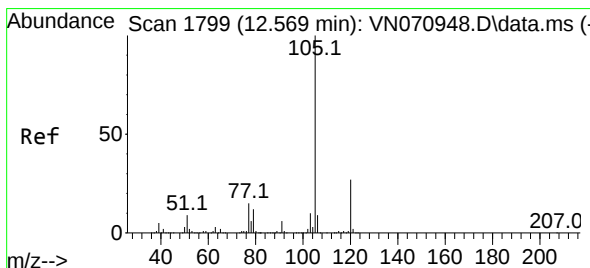
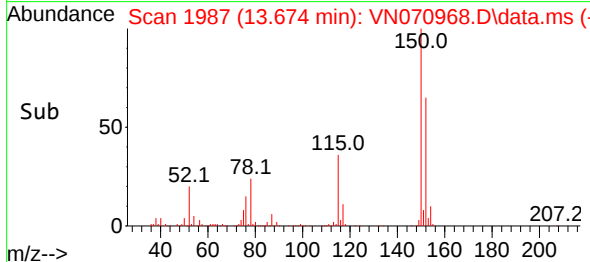
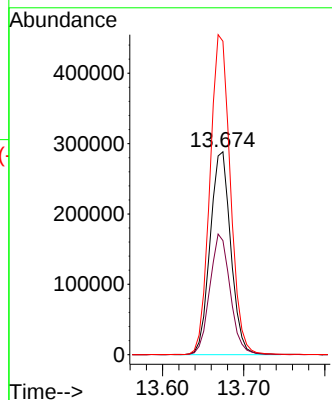
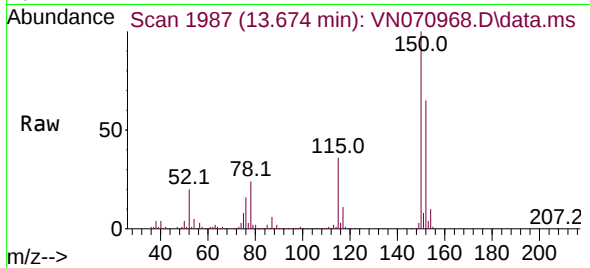




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN070968.D
Acq: 16 Feb 2022 19:06

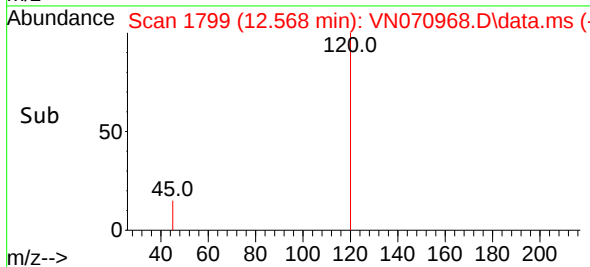
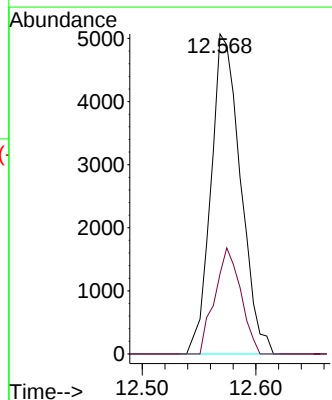
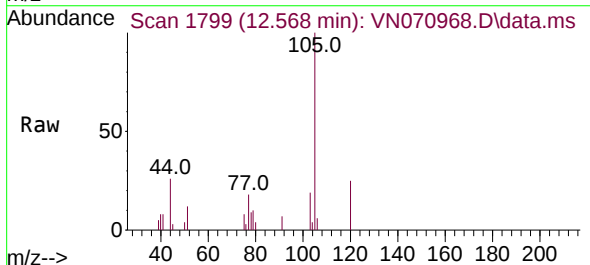
Instrument :
MSVOA_N
ClientSampleId :
MW-25R

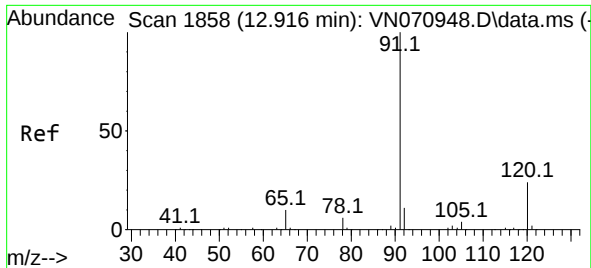
Tgt Ion:152 Resp: 509602
Ion Ratio Lower Upper
152 100
115 58.6 27.5 82.5
150 155.6 0.0 344.4



#73
Isopropylbenzene
Concen: 0.223 ug/l
RT: 12.568 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VN070968.D
Acq: 16 Feb 2022 19:06

Tgt Ion:105 Resp: 9151
Ion Ratio Lower Upper
105 100
120 29.0 13.4 40.1

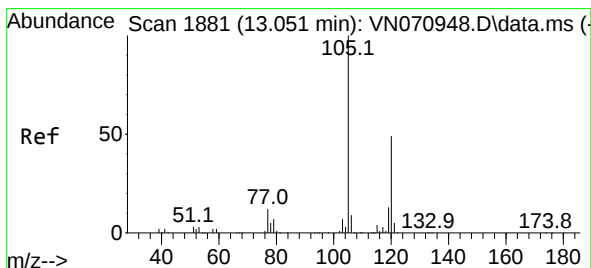
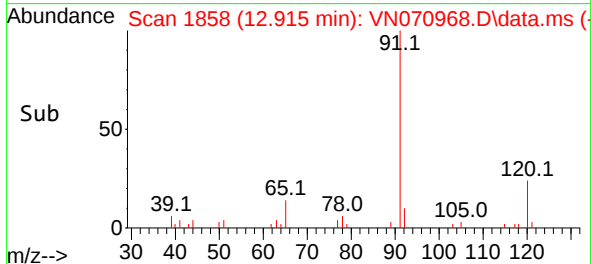
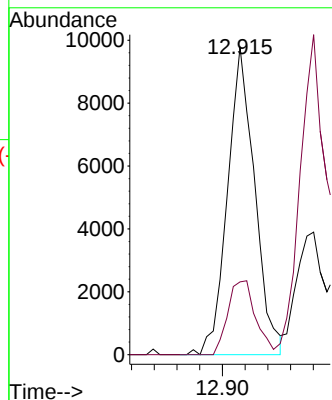
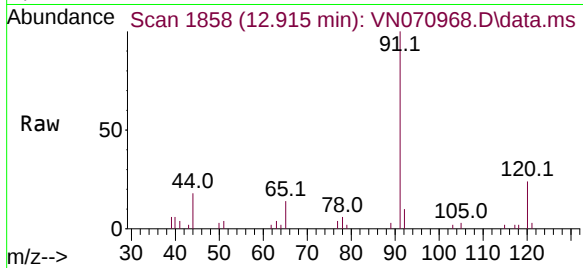




#78
n-propylbenzene
Concen: 0.353 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN070968.D
Acq: 16 Feb 2022 19:06

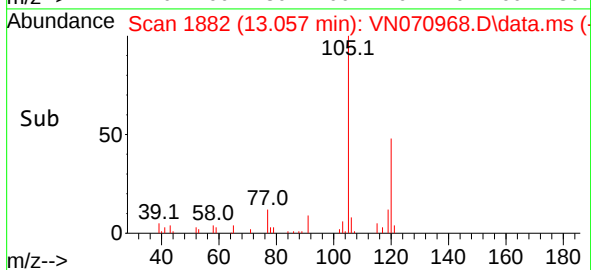
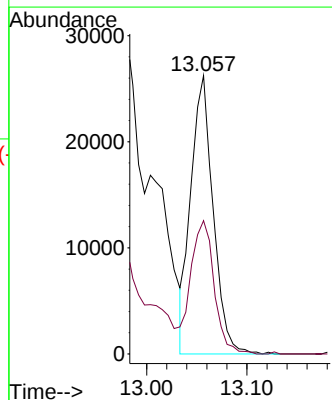
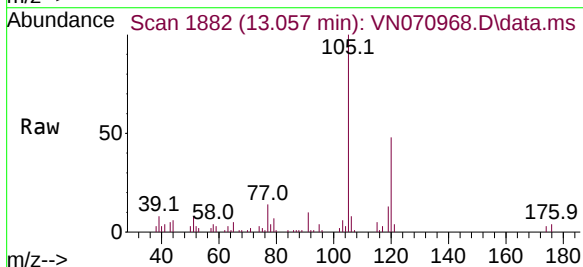
Instrument :
MSVOA_N
ClientSampleId :
MW-25R

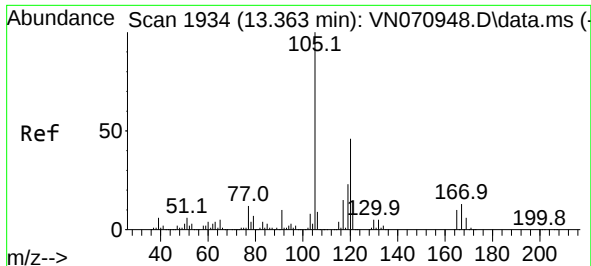
Tgt Ion: 91 Resp: 16283
Ion Ratio Lower Upper
91 100
120 24.5 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 1.218 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN070968.D
Acq: 16 Feb 2022 19:06

Tgt Ion: 105 Resp: 40473
Ion Ratio Lower Upper
105 100
120 52.0 24.6 73.6

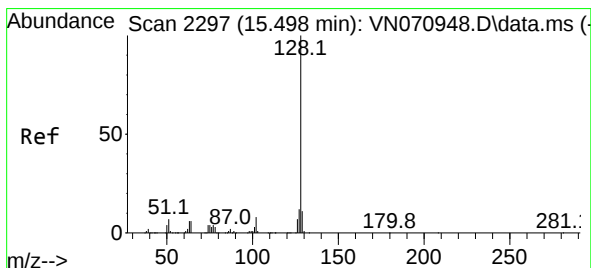
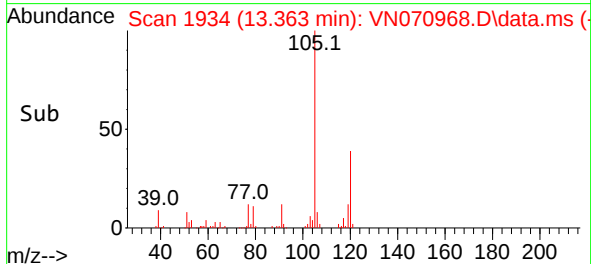
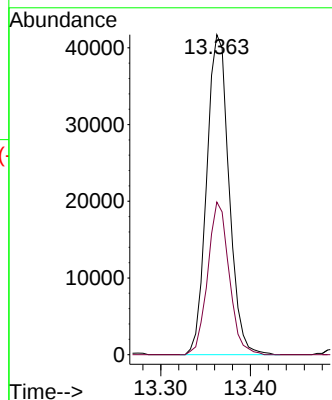
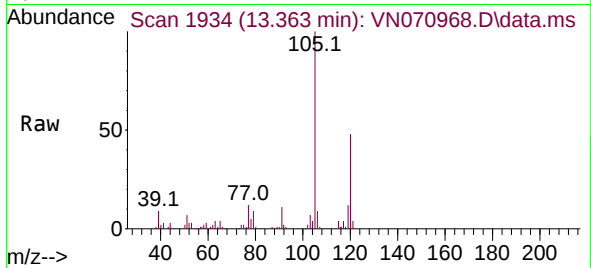




#84
1,2,4-Trimethylbenzene
Concen: 2.200 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN070968.D
Acq: 16 Feb 2022 19:06

Instrument :
MSVOA_N
ClientSampleId :
MW-25R

Tgt Ion:105 Resp: 71975
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.4



#95
Naphthalene
Concen: 8.990 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN070968.D
Acq: 16 Feb 2022 19:06

Tgt Ion:128 Resp: 101254
Ion Ratio Lower Upper
128 100
127 12.0 10.5 15.7
129 10.3 8.7 13.1

