

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011022\
 Data File : VN070548.D
 Acq On : 10 Jan 2022 17:19
 Operator : JC/MD
 Sample : M5251-06DL2 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-101RDL2

Quant Time: Jan 11 01:03:15 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)

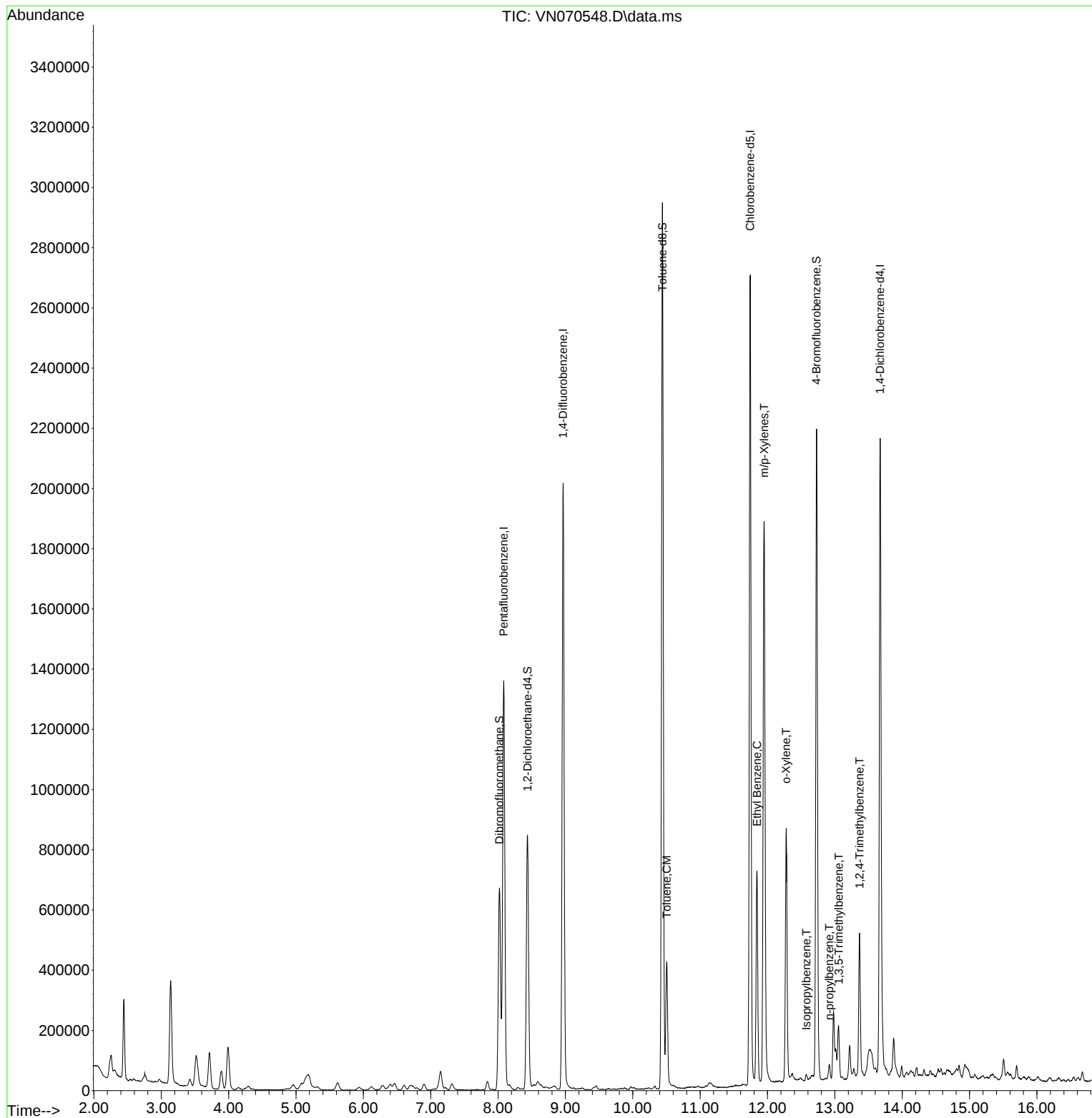
Internal Standards						
1) Pentafluorobenzene	8.083	168	1036822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1752534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1552935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	589525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	711414	47.722	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.440%
35) Dibromofluoromethane	8.019	113	503563	47.489	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.980%
50) Toluene-d8	10.440	98	2074564	47.892	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.728	95	801335	51.219	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.440%
Target Compounds						
					Qvalue	
52) Toluene	10.505	92	179571	5.517	ug/l	97
67) Ethyl Benzene	11.843	91	535229	8.866	ug/l	96
68) m/p-Xylenes	11.950	106	611484	27.826	ug/l	92
69) o-Xylene	12.278	106	228987	10.476	ug/l	90
73) Isopropylbenzene	12.578	105	14518	0.265	ug/l	98
78) n-propylbenzene	12.919	91	43363	0.715	ug/l	97
80) 1,3,5-Trimethylbenzene	13.058	105	71261	1.624	ug/l	98
84) 1,2,4-Trimethylbenzene	13.367	105	274792	6.505	ug/l	99

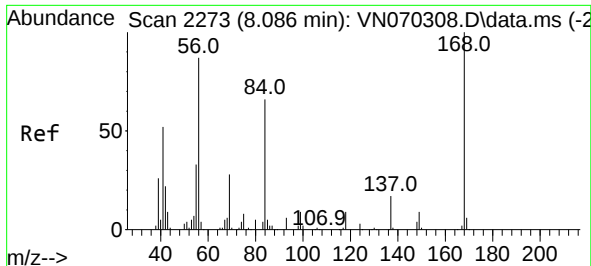
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

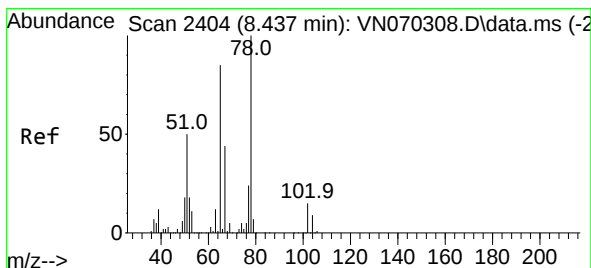
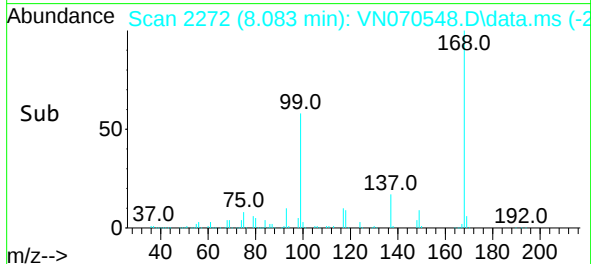
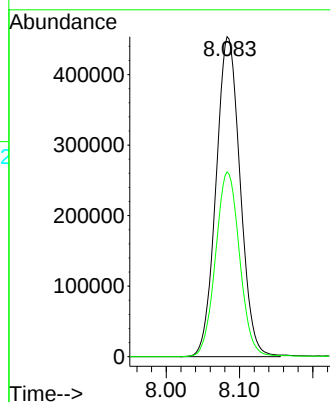
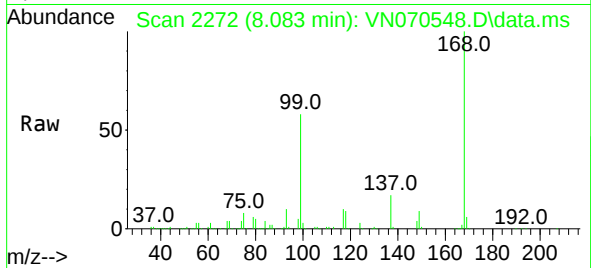




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070548.D
Acq: 10 Jan 2022 17:19

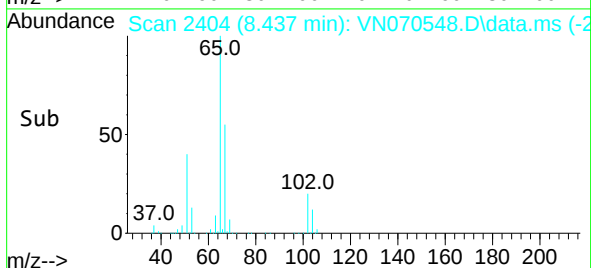
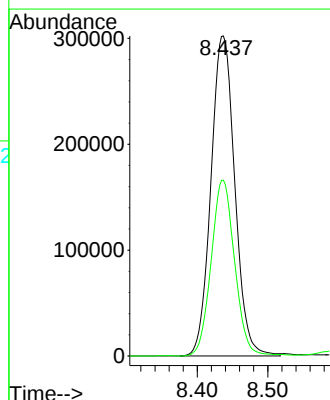
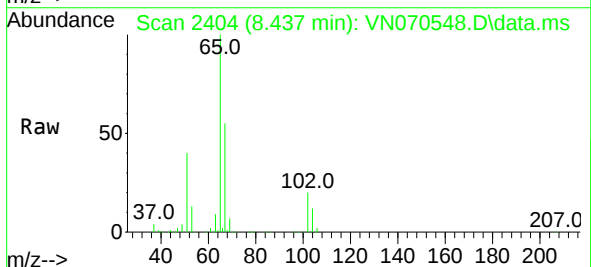
Instrument :
MSVOA_N
ClientSampleId :
MW-101RDL2

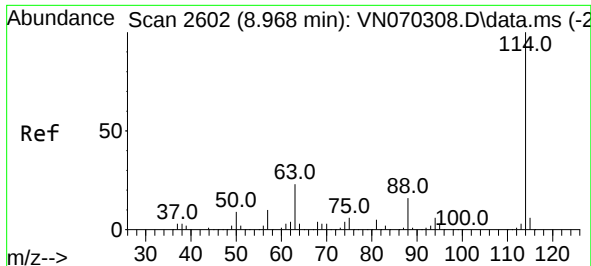
Tgt Ion:168 Resp: 1036822
Ion Ratio Lower Upper
168 100
99 57.8 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 47.722 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070548.D
Acq: 10 Jan 2022 17:19

Tgt Ion: 65 Resp: 711414
Ion Ratio Lower Upper
65 100
67 54.1 0.0 103.0

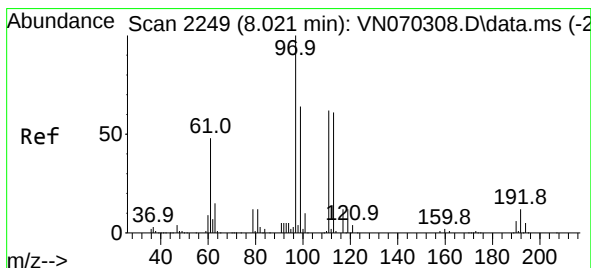
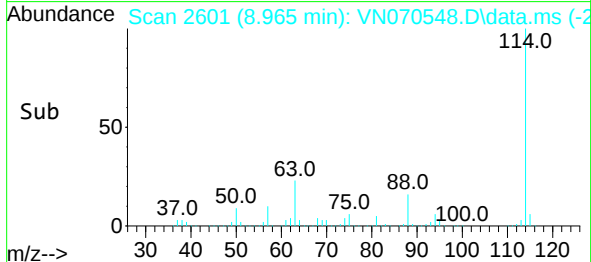
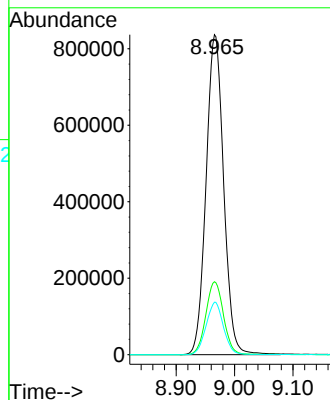
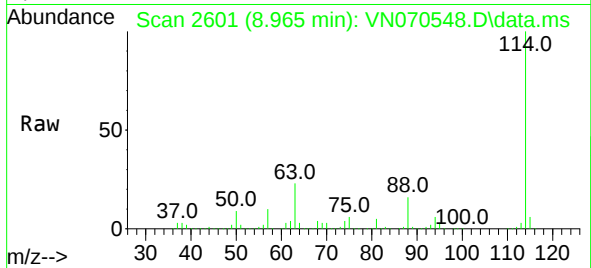




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070548.D
Acq: 10 Jan 2022 17:19

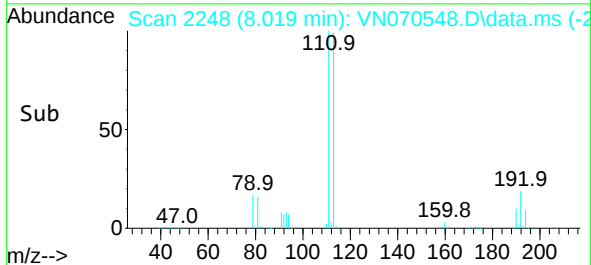
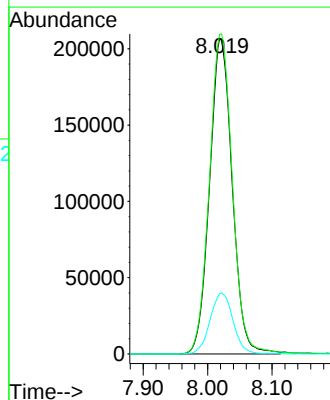
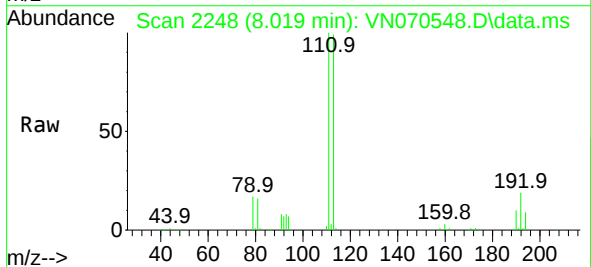
Instrument :
MSVOA_N
ClientSampleId :
MW-101RDL2

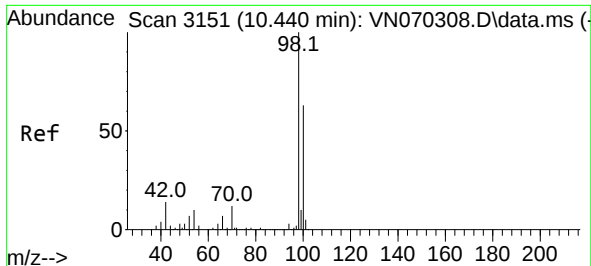
Tgt Ion:114 Resp: 1752534
Ion Ratio Lower Upper
114 100
63 22.8 0.0 37.8
88 16.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.489 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.002 min
Lab File: VN070548.D
Acq: 10 Jan 2022 17:19

Tgt Ion:113 Resp: 503563
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.6 16.9 25.3

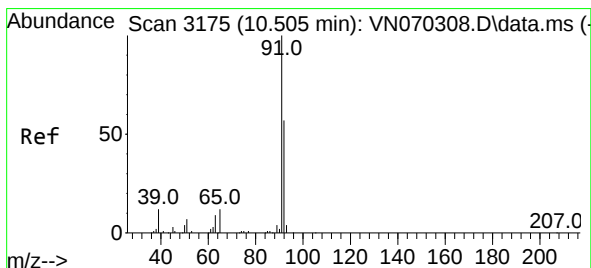
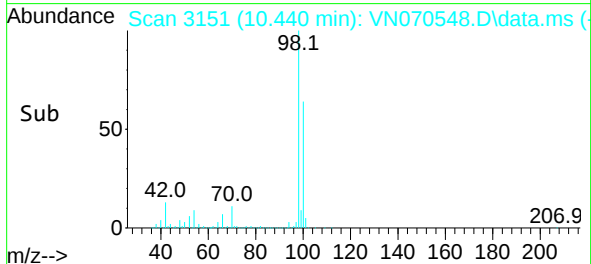
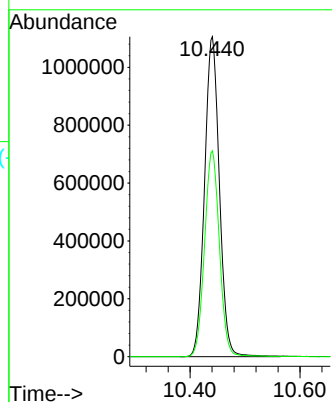
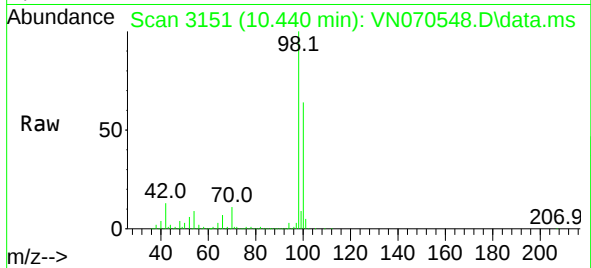




#50
Toluene-d8
Concen: 47.892 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070548.D
Acq: 10 Jan 2022 17:19

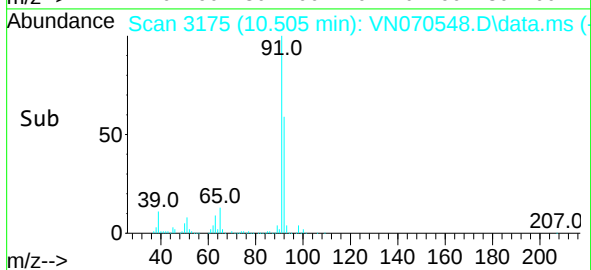
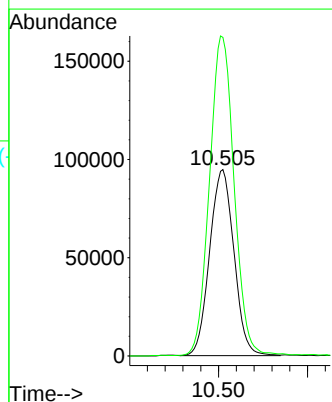
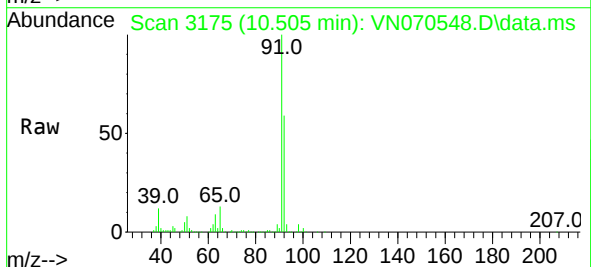
Instrument :
MSVOA_N
ClientSampleId :
MW-101RDL2

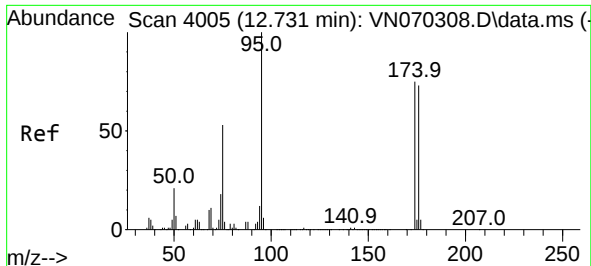
Tgt Ion: 98 Resp: 2074564
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#52
Toluene
Concen: 5.517 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070548.D
Acq: 10 Jan 2022 17:19

Tgt Ion: 92 Resp: 179571
Ion Ratio Lower Upper
92 100
91 173.8 142.0 213.0

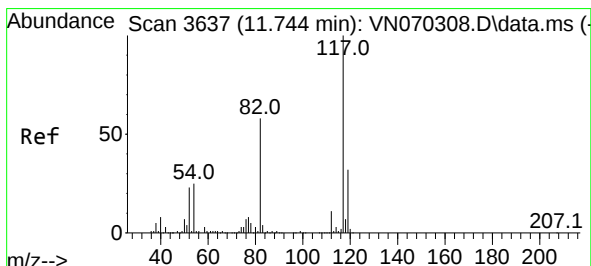
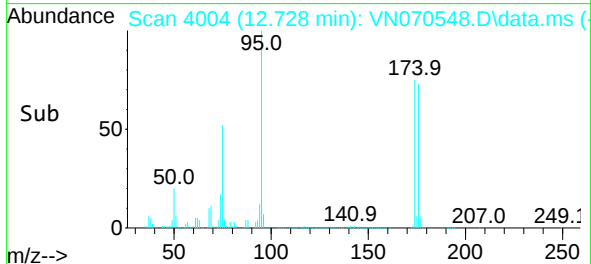
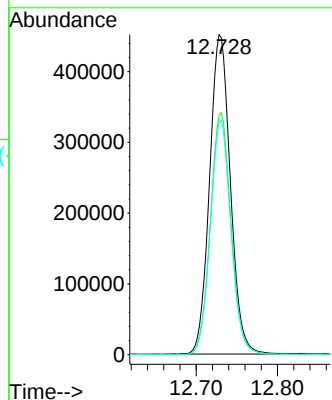
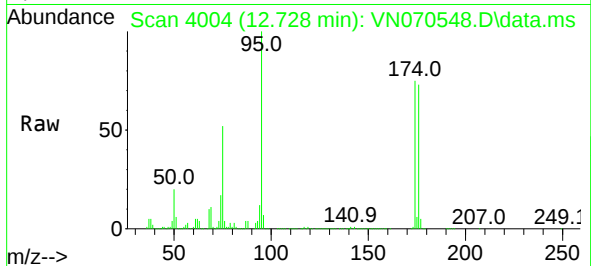




#62
4-Bromofluorobenzene
Concen: 51.219 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070548.D
Acq: 10 Jan 2022 17:19

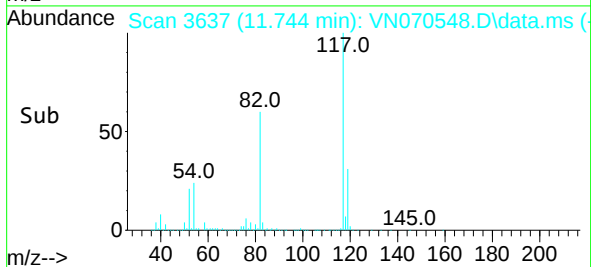
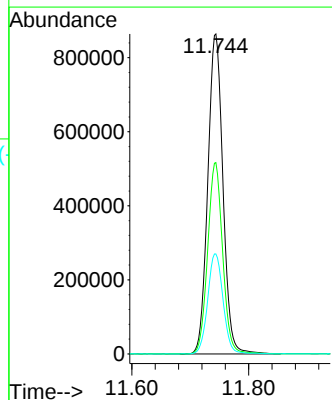
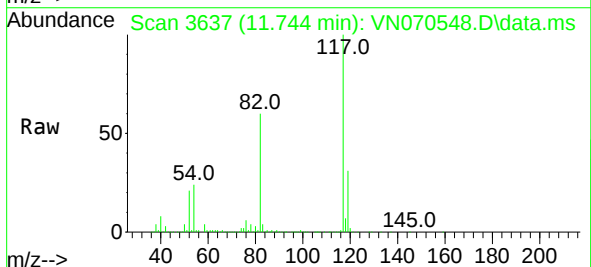
Instrument :
MSVOA_N
ClientSampleId :
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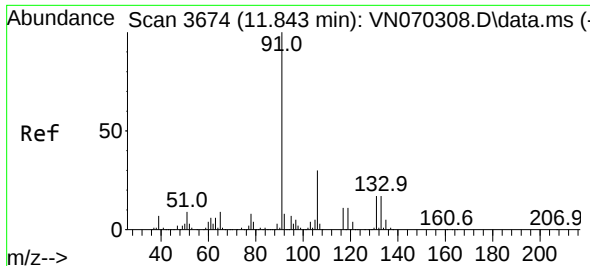
Tgt Ion: 95 Resp: 801335
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 73.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070548.D
Acq: 10 Jan 2022 17:19

Tgt Ion: 117 Resp: 1552935
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.2 25.4 38.2

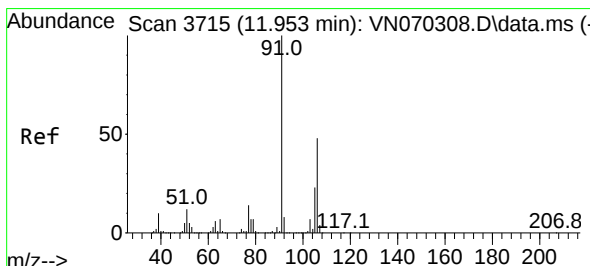
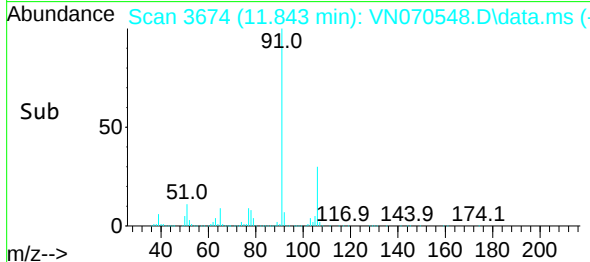
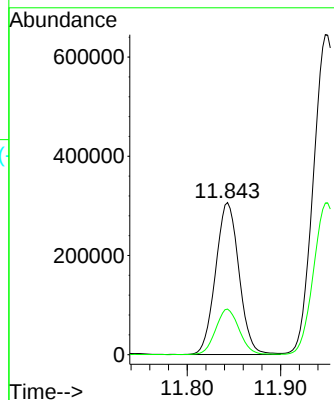
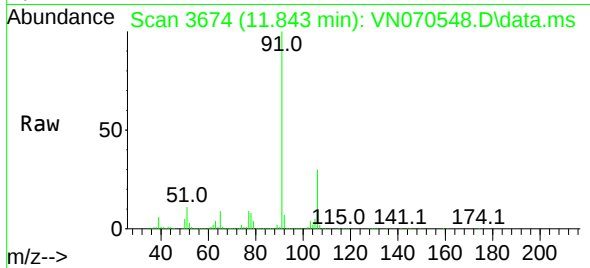




#67
Ethyl Benzene
Concen: 8.866 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070548.D
Acq: 10 Jan 2022 17:19

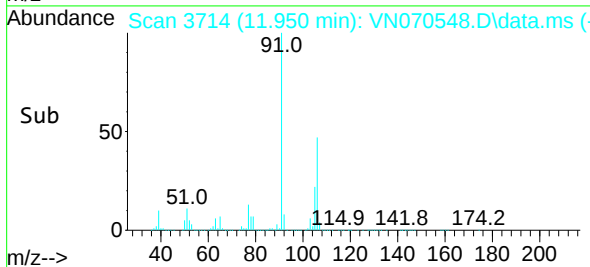
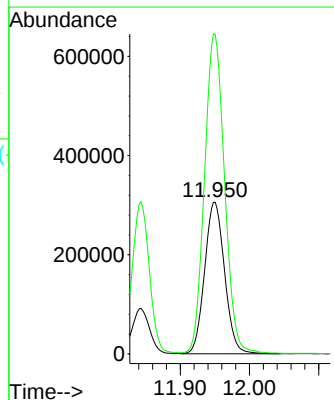
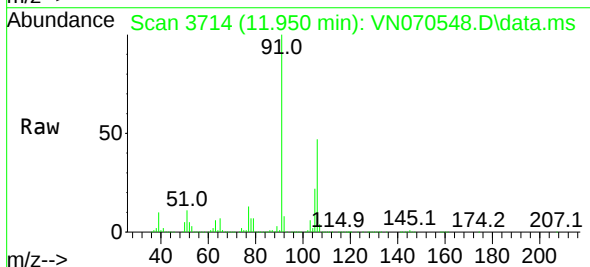
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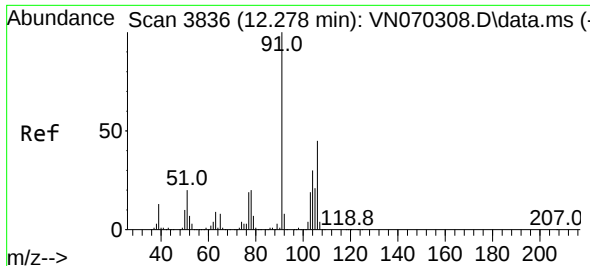
Tgt Ion: 91 Resp: 535229
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5



#68
m/p-Xylenes
Concen: 27.826 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070548.D
Acq: 10 Jan 2022 17:19

Tgt Ion: 106 Resp: 611484
Ion Ratio Lower Upper
106 100
91 212.1 160.6 240.8

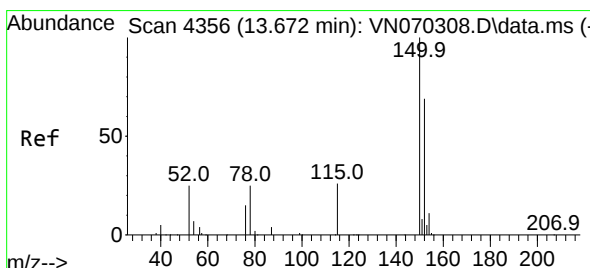
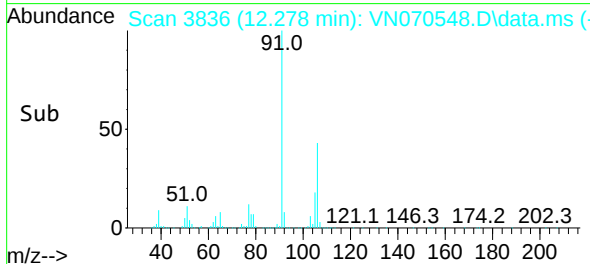
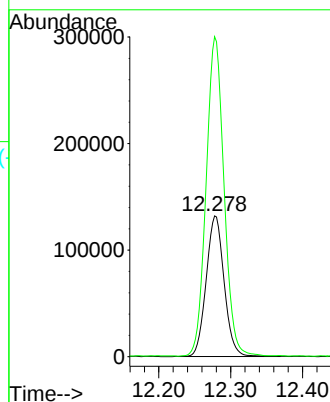
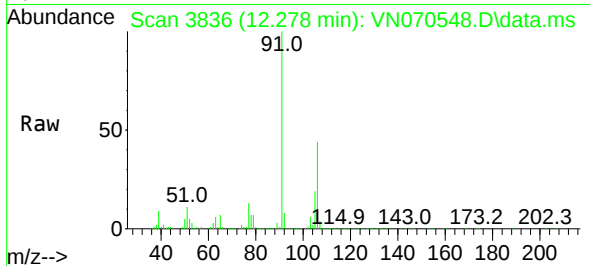




#69
o-Xylene
Concen: 10.476 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070548.D
Acq: 10 Jan 2022 17:19

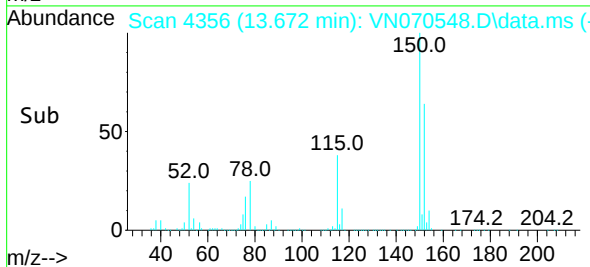
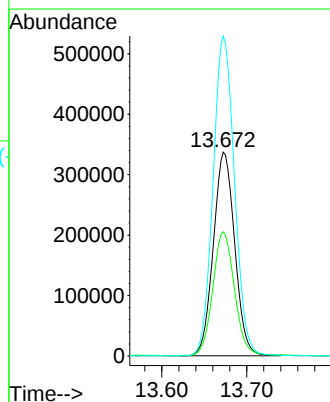
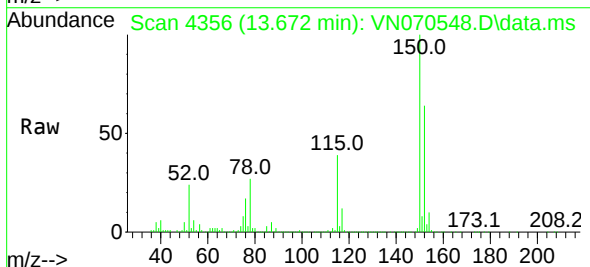
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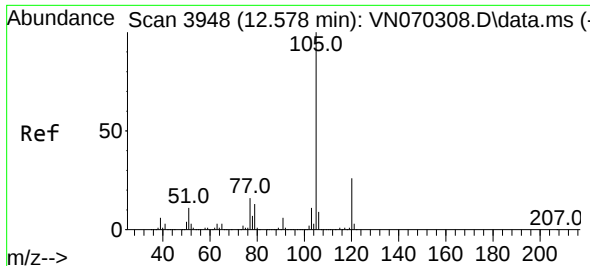
Tgt Ion:106 Resp: 228987
Ion Ratio Lower Upper
106 100
91 226.7 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070548.D
Acq: 10 Jan 2022 17:19

Tgt Ion:152 Resp: 589525
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 157.2 0.0 344.4

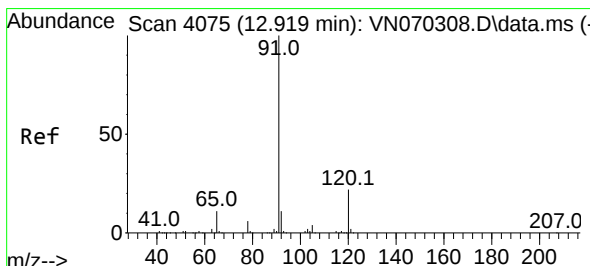
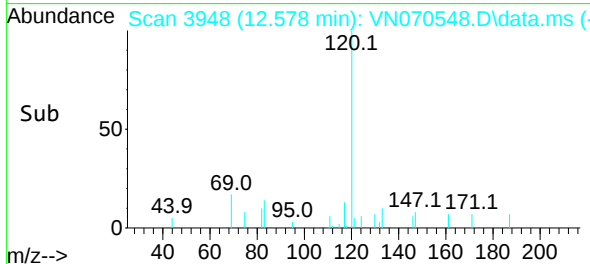
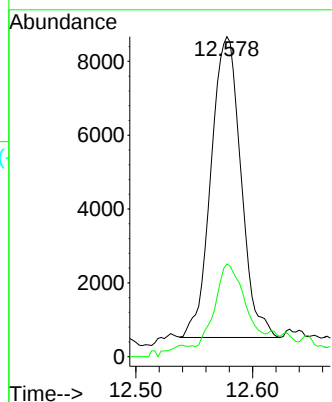
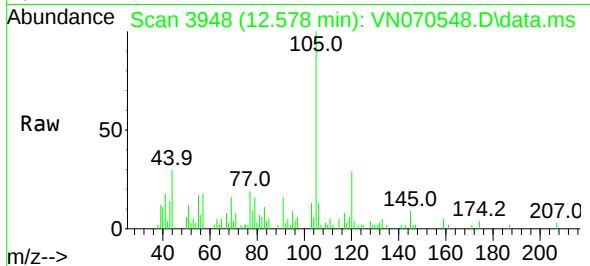




#73
Isopropylbenzene
Concen: 0.265 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN070548.D
Acq: 10 Jan 2022 17:19

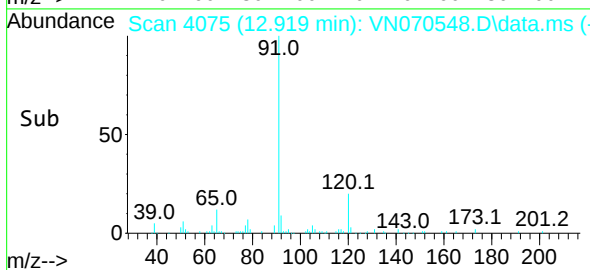
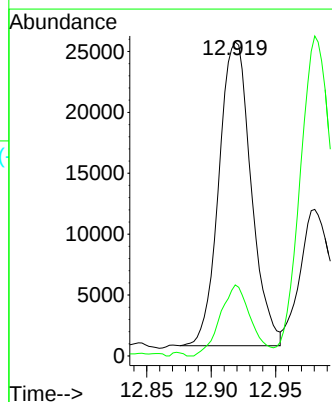
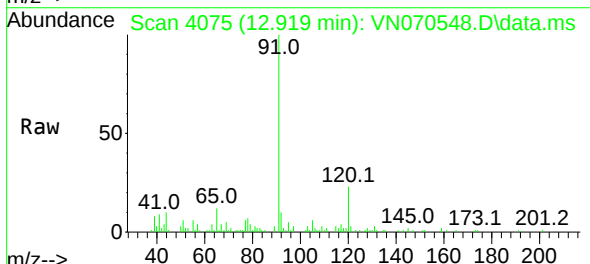
Instrument :
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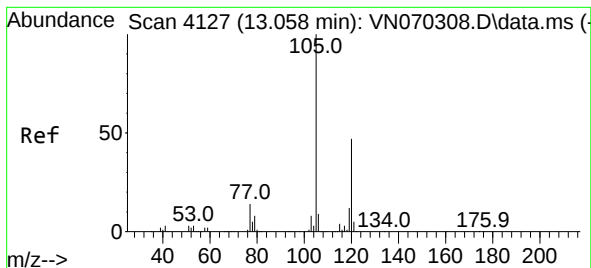
Tgt Ion:105 Resp: 14518
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.1



#78
n-propylbenzene
Concen: 0.715 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070548.D
Acq: 10 Jan 2022 17:19

Tgt Ion: 91 Resp: 43363
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.9





#80

1,3,5-Trimethylbenzene

Concen: 1.624 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. 0.000 min

Lab File: VN070548.D

Acq: 10 Jan 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

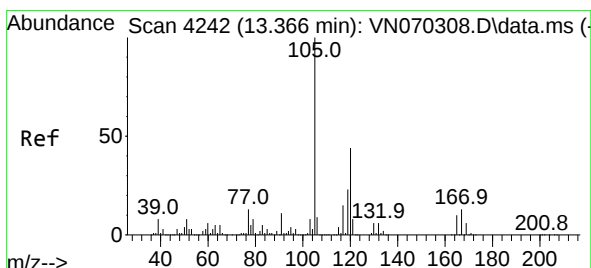
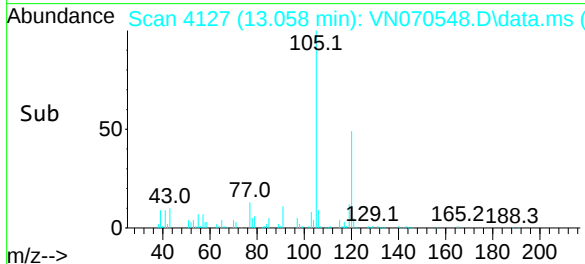
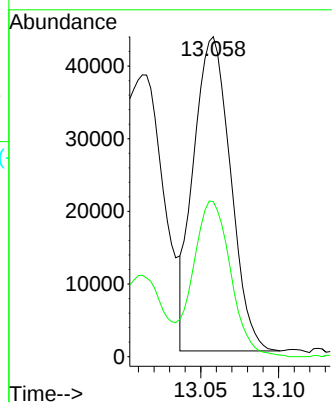
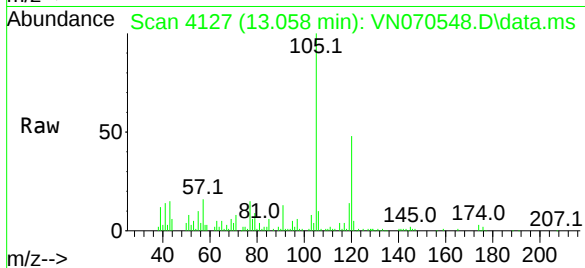
MW-101RDL2

Tgt Ion:105 Resp: 71261

Ion Ratio Lower Upper

105 100

120 50.3 24.6 73.6



#84

1,2,4-Trimethylbenzene

Concen: 6.505 ug/l

RT: 13.367 min Scan# 4242

Delta R.T. 0.001 min

Lab File: VN070548.D

Acq: 10 Jan 2022 17:19

Tgt Ion:105 Resp: 274792

Ion Ratio Lower Upper

105 100

120 44.9 22.8 68.4

