

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070446.D
 Acq On : 3 Jan 2022 18:58
 Operator : JC/MD
 Sample : M5338-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1

Quant Time: Jan 04 01:37:01 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)

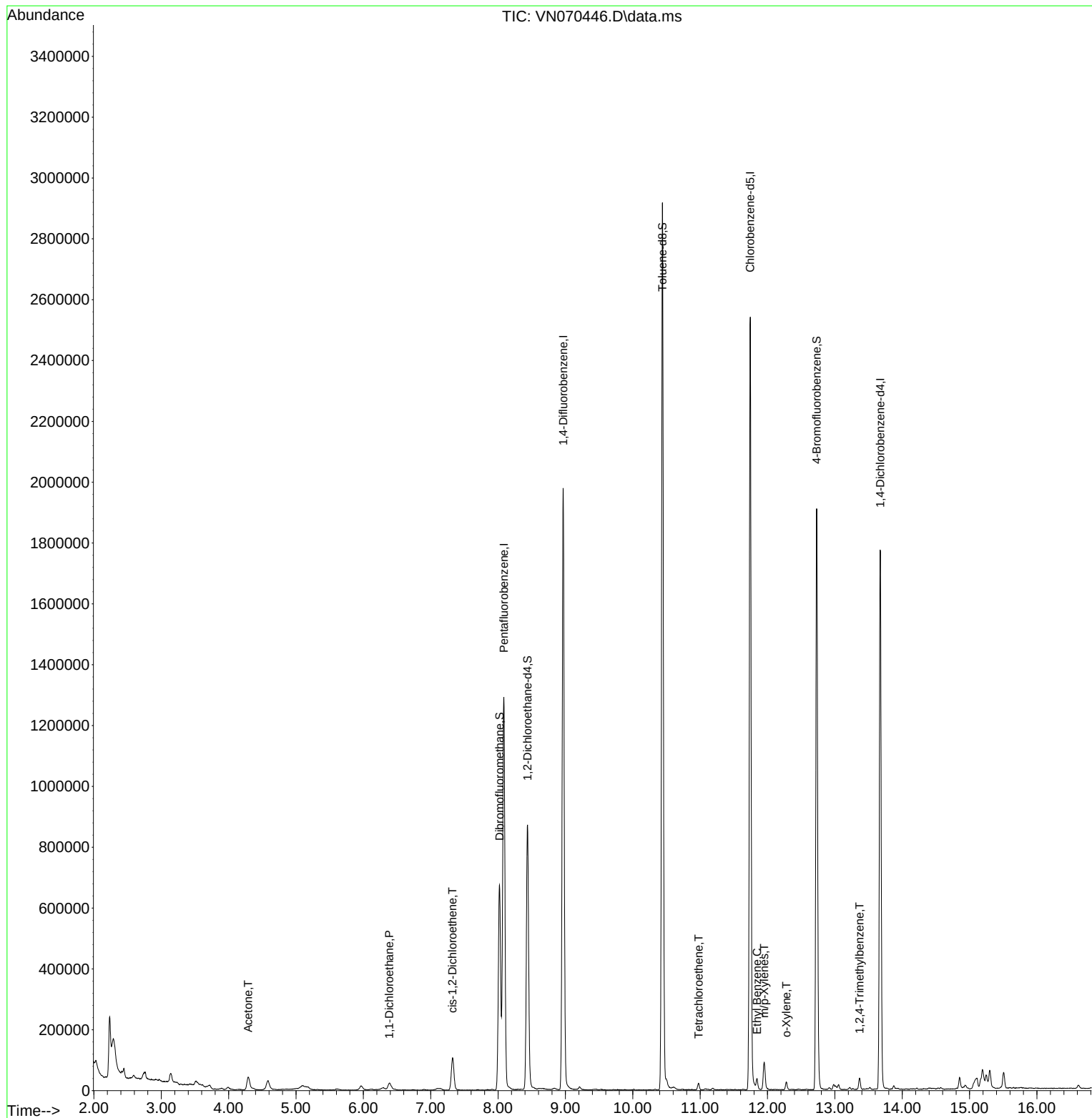
Internal Standards						
1) Pentafluorobenzene	8.086	168	1001647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1692513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1461367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	494040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	731346	50.782	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.560%			
35) Dibromofluoromethane	8.021	113	507068	49.516	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.040%			
50) Toluene-d8	10.440	98	2013854	48.140	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.280%			
62) 4-Bromofluorobenzene	12.731	95	706459	46.756	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.520%			
Target Compounds					Qvalue	
16) Acetone	4.291	43	76614	8.195	ug/l	100
24) 1,1-Dichloroethane	6.385	63	28517	1.221	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	61166	4.746	ug/l	95
64) Tetrachloroethene	10.977	164	4830	0.456	ug/l	88
67) Ethyl Benzene	11.843	91	23985	0.422	ug/l	99
68) m/p-Xylenes	11.950	106	31499	1.523	ug/l	98
69) o-Xylene	12.280	106	6923	0.337	ug/l	89
84) 1,2,4-Trimethylbenzene	13.366	105	21386	0.604	ug/l	98

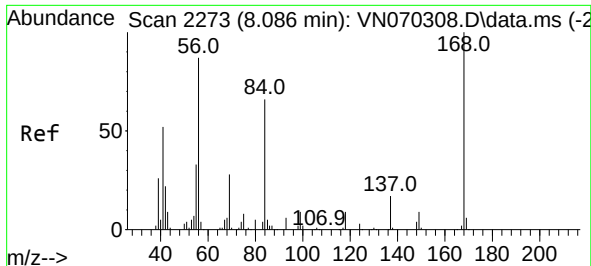
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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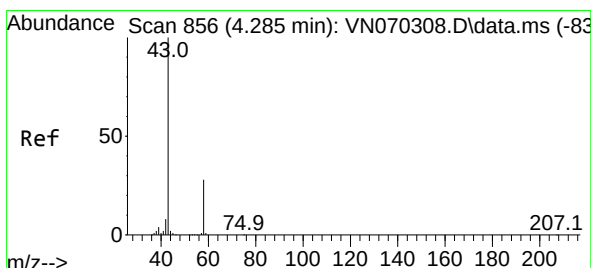
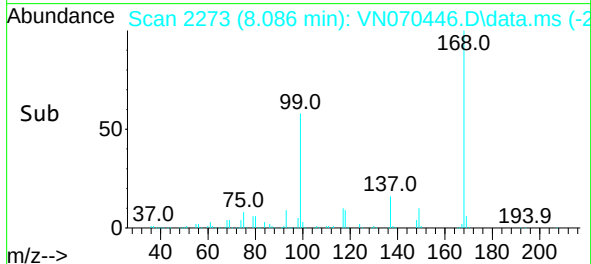
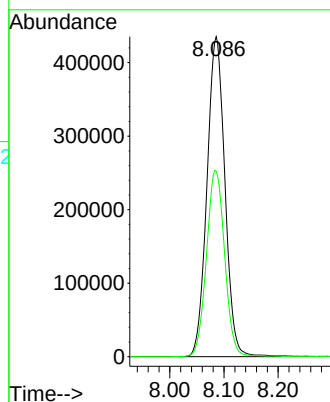
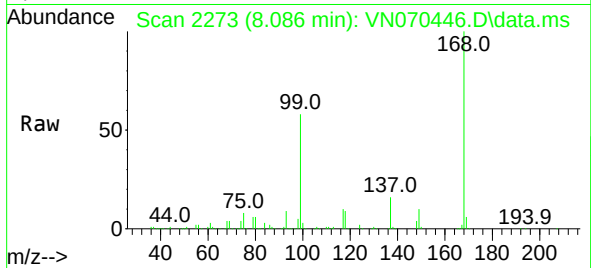




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070446.D
Acq: 3 Jan 2022 18:58

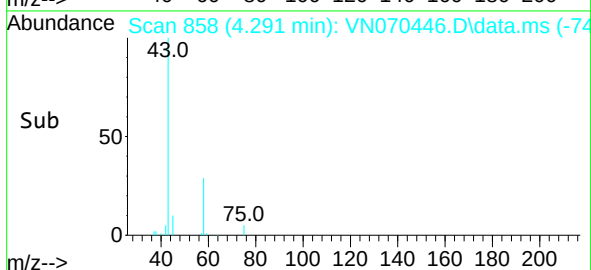
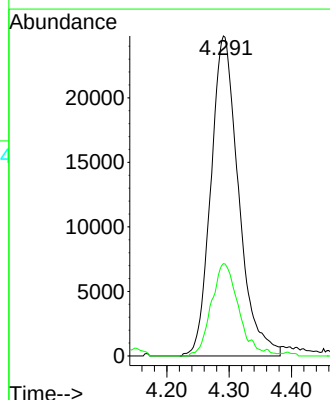
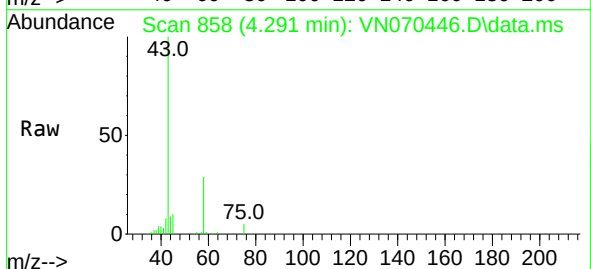
Instrument :
MSVOA_N
ClientSampleId :
TW-1

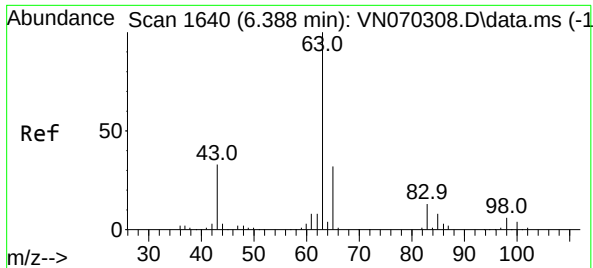
Tgt Ion:168 Resp: 1001647
Ion Ratio Lower Upper
168 100
99 57.9 41.3 61.9



#16
Acetone
Concen: 8.195 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070446.D
Acq: 3 Jan 2022 18:58

Tgt Ion: 43 Resp: 76614
Ion Ratio Lower Upper
43 100
58 28.8 23.1 34.7

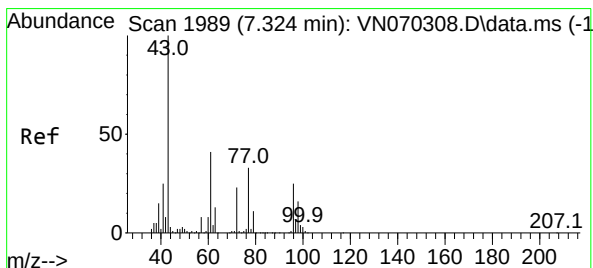
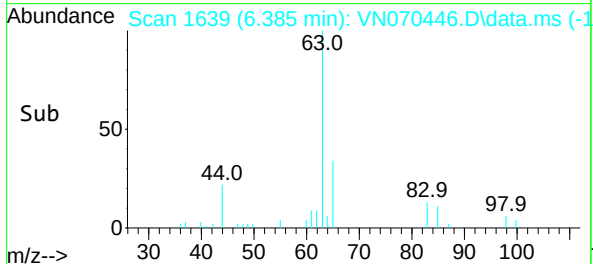
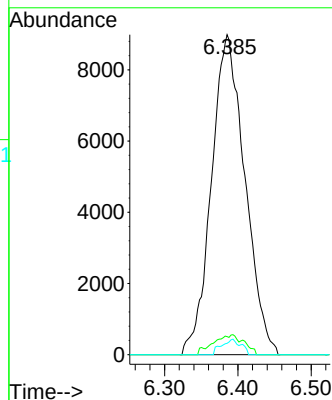
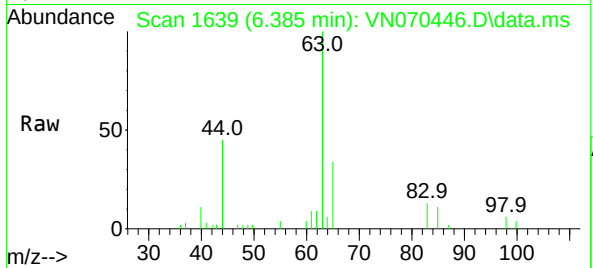




#24
1,1-Dichloroethane
Concen: 1.221 ug/l
RT: 6.385 min Scan# 1
Delta R.T. -0.003 min
Lab File: VN070446.D
Acq: 3 Jan 2022 18:58

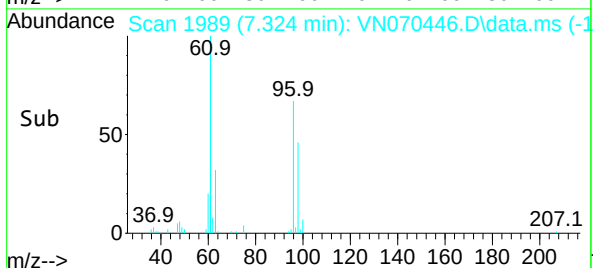
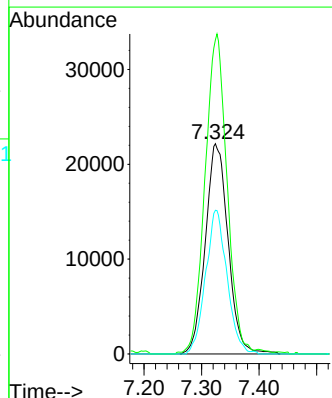
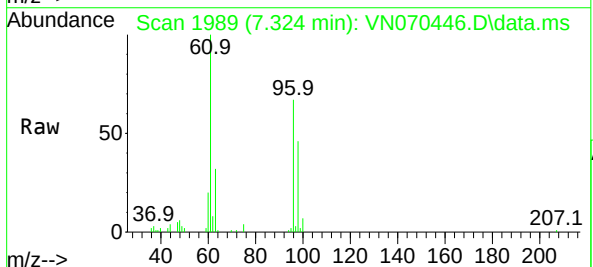
Instrument :
MSVOA_N
ClientSampleId :
TW-1

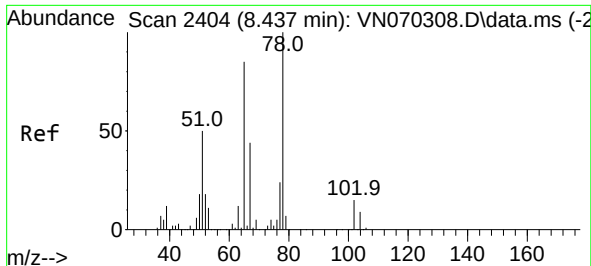
Tgt Ion: 63 Resp: 28517
Ion Ratio Lower Upper
63 100
98 5.7 3.3 9.9
100 3.5 2.1 6.5



#27
cis-1,2-Dichloroethene
Concen: 4.746 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN070446.D
Acq: 3 Jan 2022 18:58

Tgt Ion: 96 Resp: 61166
Ion Ratio Lower Upper
96 100
61 146.4 0.0 275.0
98 64.1 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 50.782 ug/l

RT: 8.437 min Scan# 24

Delta R.T. -0.000 min

Lab File: VN070446.D

Acq: 3 Jan 2022 18:58

Instrument :

MSVOA_N

ClientSampleId :

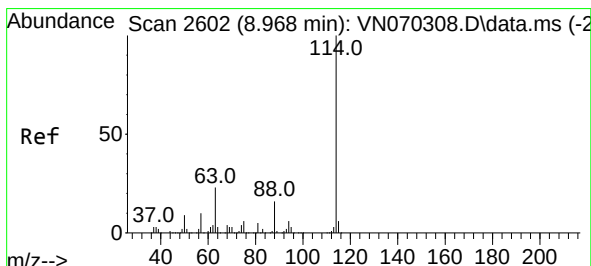
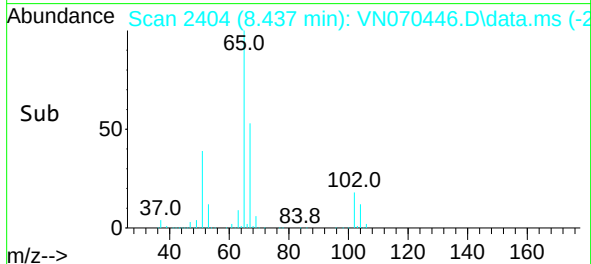
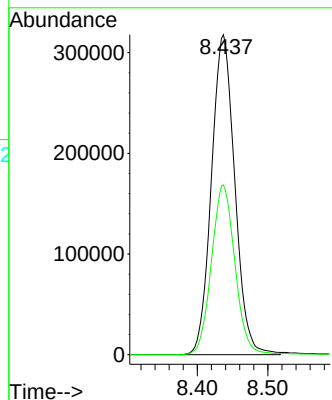
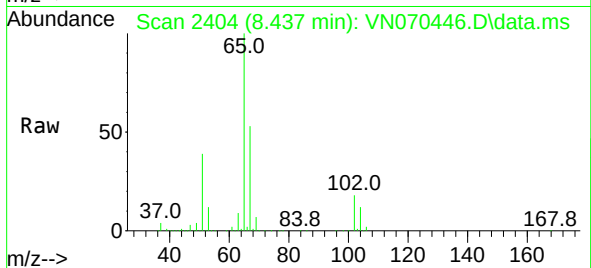
TW-1

Tgt Ion: 65 Resp: 731346

Ion Ratio Lower Upper

65 100

67 53.2 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: VN070446.D

Acq: 3 Jan 2022 18:58

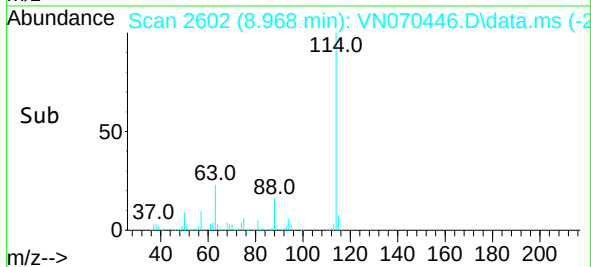
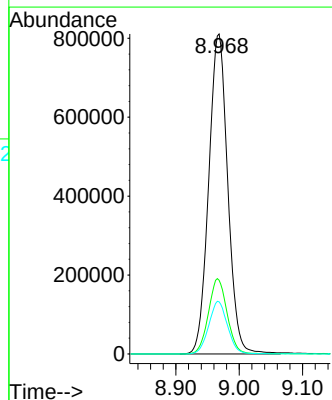
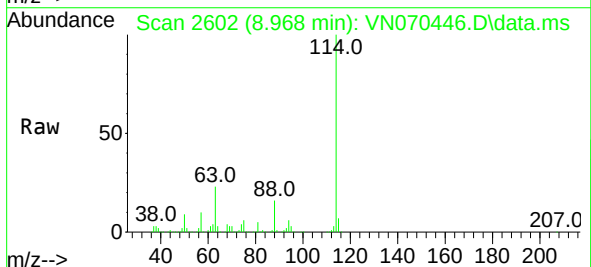
Tgt Ion:114 Resp: 1692513

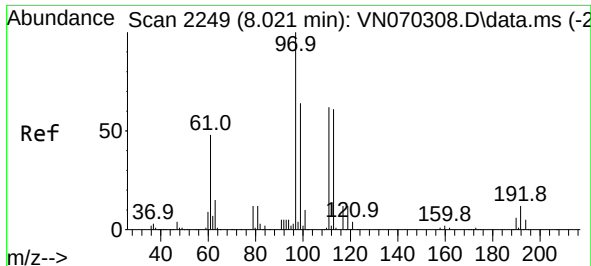
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

88 16.3 0.0 27.4

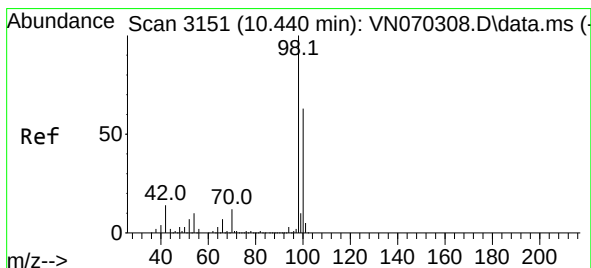
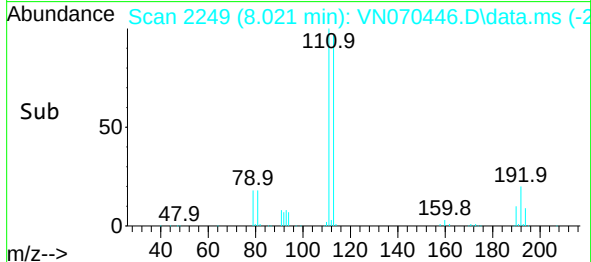
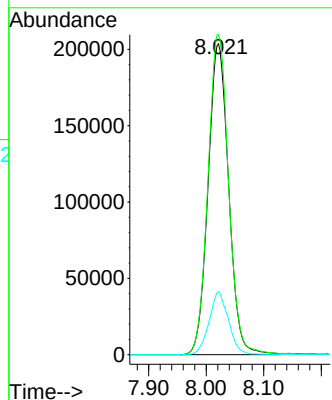
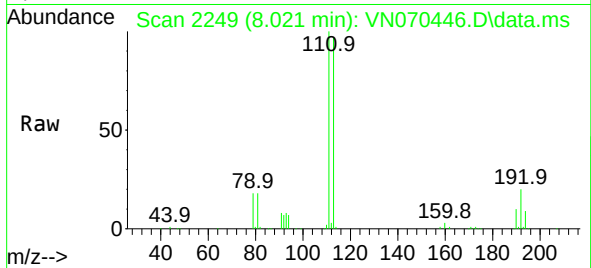




#35
Dibromofluoromethane
Concen: 49.516 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070446.D
Acq: 3 Jan 2022 18:58

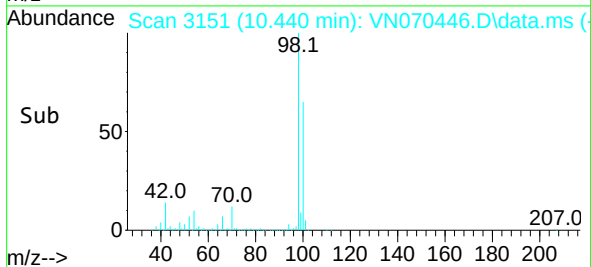
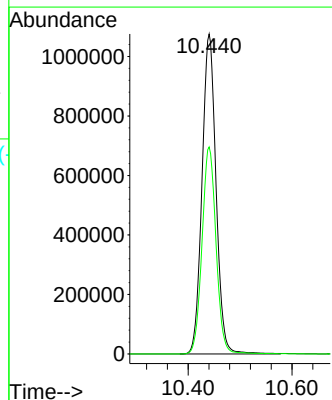
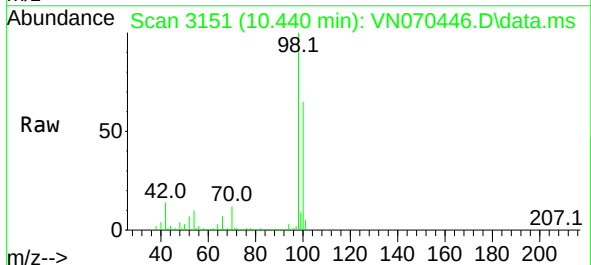
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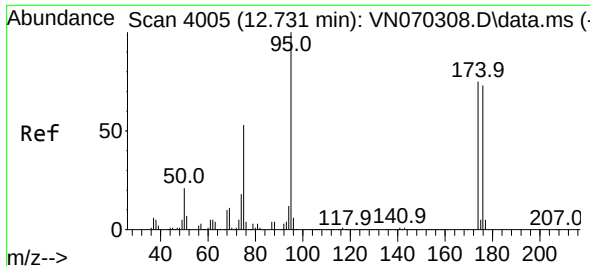
Tgt Ion:113 Resp: 507068
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 48.140 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070446.D
Acq: 3 Jan 2022 18:58

Tgt Ion: 98 Resp: 2013854
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6

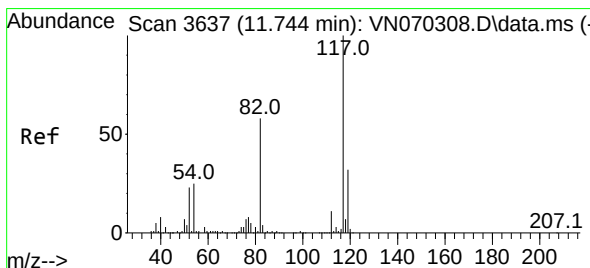
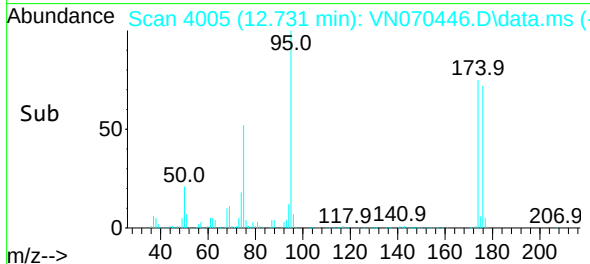
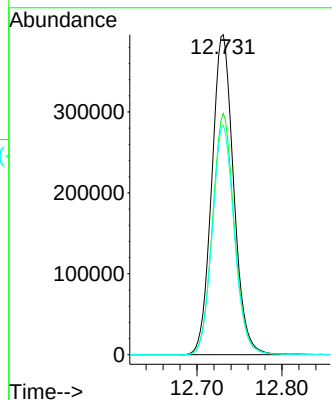
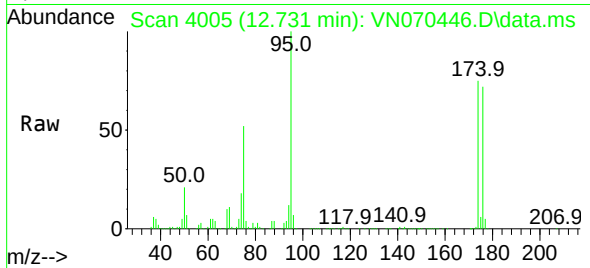




#62
4-Bromofluorobenzene
Concen: 46.756 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070446.D
Acq: 3 Jan 2022 18:58

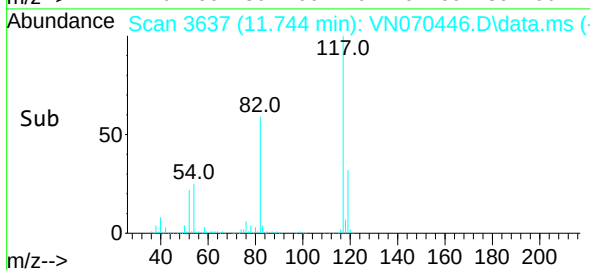
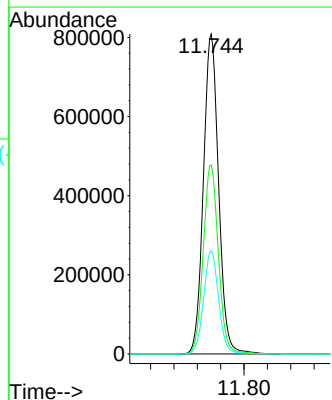
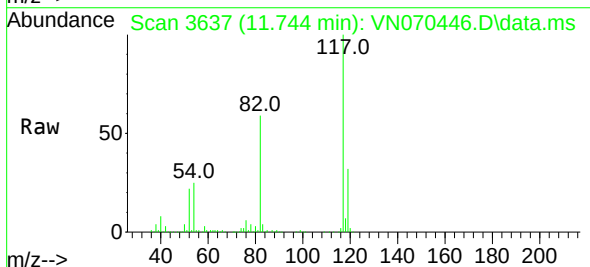
Instrument :
MSVOA_N
ClientSampleId :
TW-1

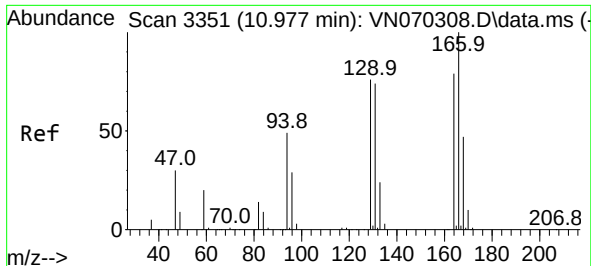
Tgt Ion: 95 Resp: 706459
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 72.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070446.D
Acq: 3 Jan 2022 18:58

Tgt Ion: 117 Resp: 1461367
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 32.2 25.4 38.2

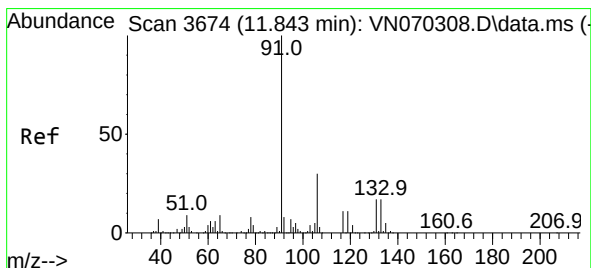
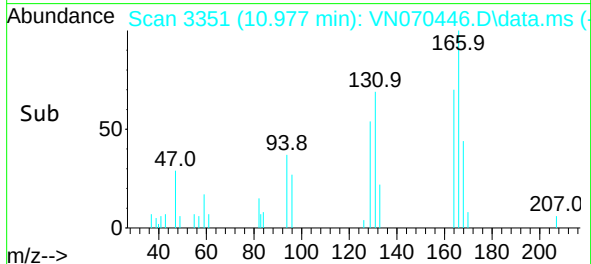
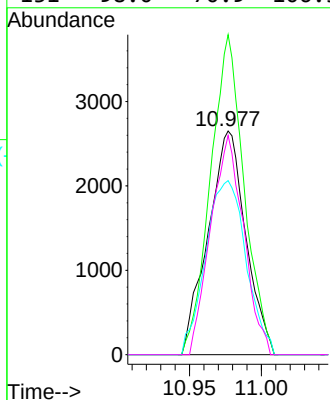
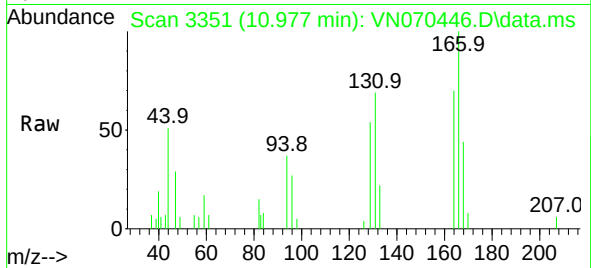




#64
Tetrachloroethene
Concen: 0.456 ug/l
RT: 10.977 min Scan# 314
Delta R.T. -0.000 min
Lab File: VN070446.D
Acq: 3 Jan 2022 18:58

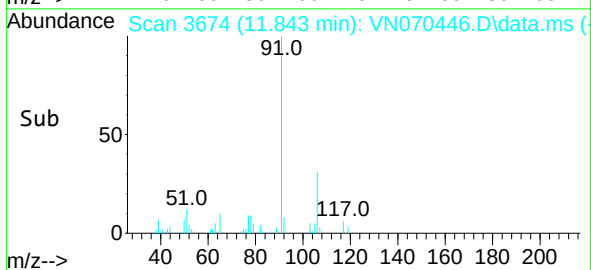
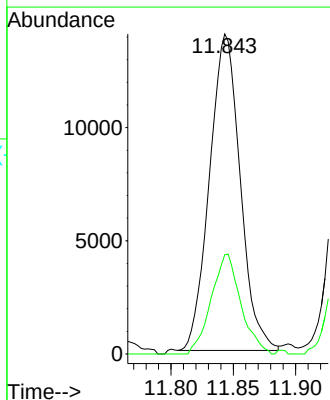
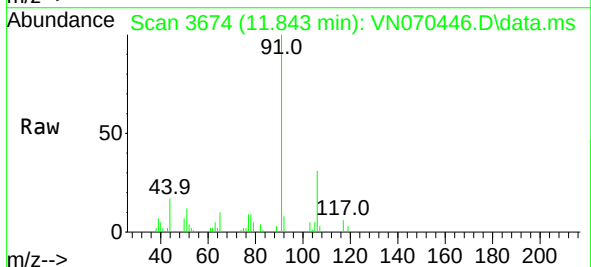
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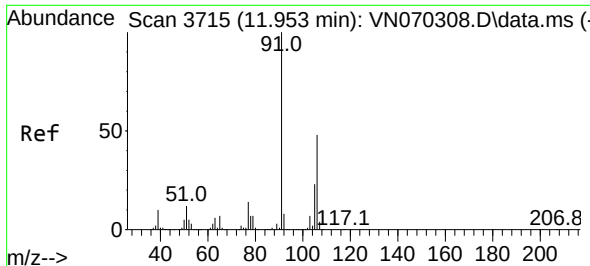
Tgt Ion:164	Resp:	4830	
Ion	Ratio	Lower	Upper
164	100		
166	143.1	101.9	152.9
129	77.8	72.0	108.0
131	98.0	70.9	106.3



#67
Ethyl Benzene
Concen: 0.422 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070446.D
Acq: 3 Jan 2022 18:58

Tgt Ion: 91	Resp:	23985	
Ion Ratio	Lower	Upper	
91 100			
106 31.4	25.7	38.5	

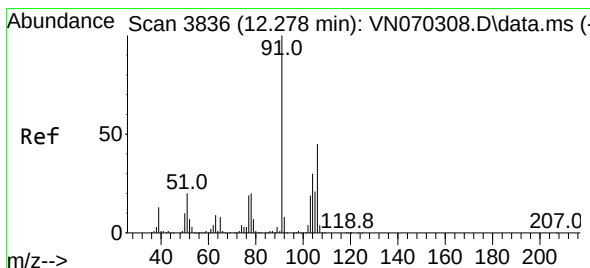
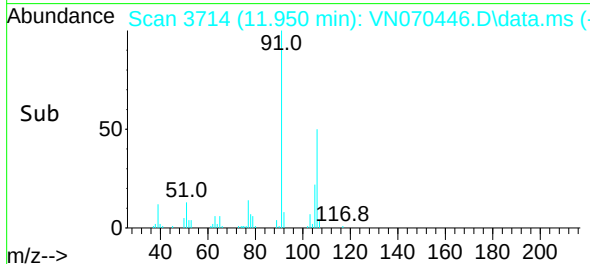
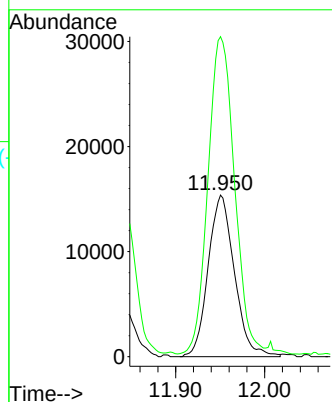
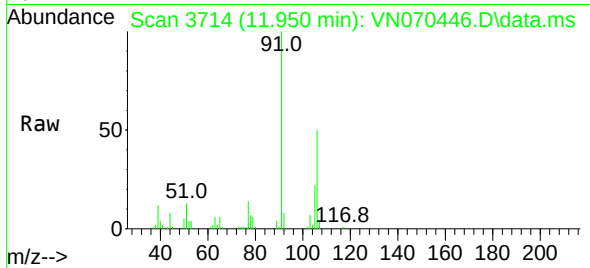




#68
m/p-Xylenes
Concen: 1.523 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070446.D
Acq: 3 Jan 2022 18:58

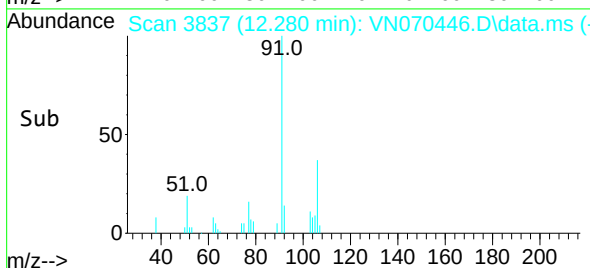
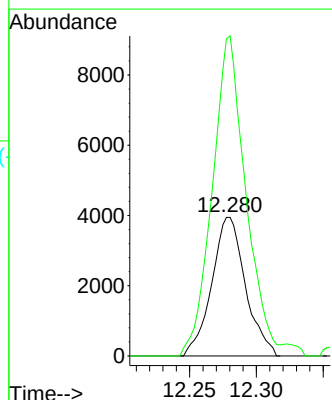
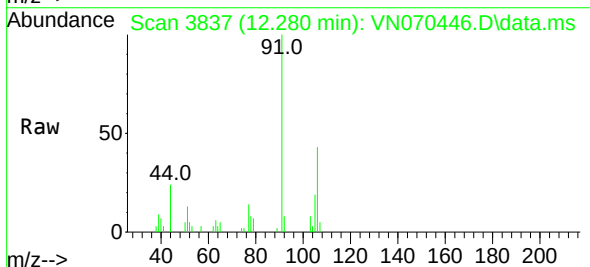
Instrument :
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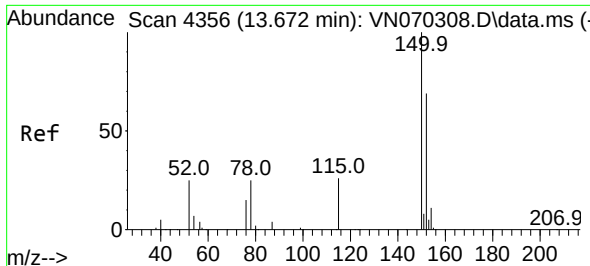
Tgt Ion:106 Resp: 31499
Ion Ratio Lower Upper
106 100
91 198.0 160.6 240.8



#69
o-Xylene
Concen: 0.337 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070446.D
Acq: 3 Jan 2022 18:58

Tgt Ion:106 Resp: 6923
Ion Ratio Lower Upper
106 100
91 228.7 105.8 317.3

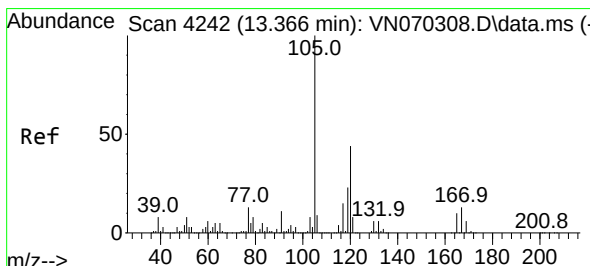
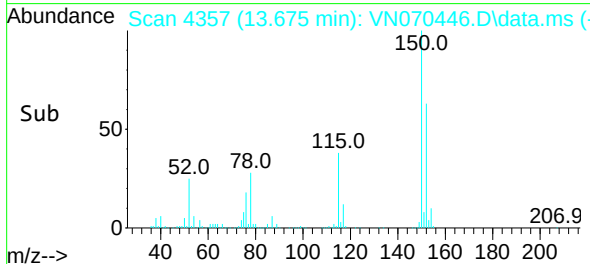
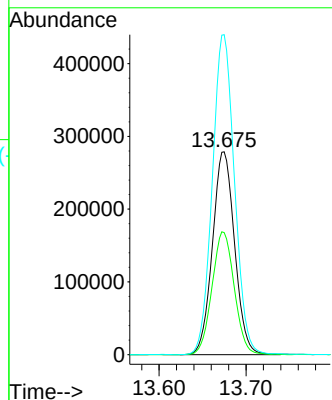
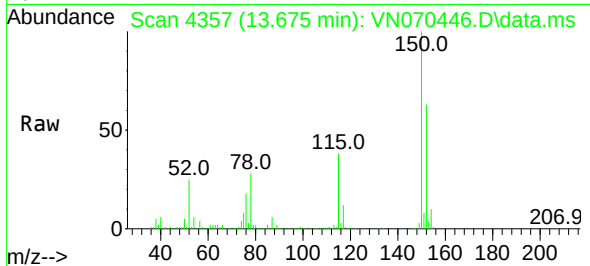




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070446.D
 Acq: 3 Jan 2022 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1

Tgt Ion:152 Resp: 494040
 Ion Ratio Lower Upper
 152 100
 115 60.9 27.5 82.5
 150 158.2 0.0 344.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.604 ug/l
 RT: 13.366 min Scan# 4242
 Delta R.T. 0.000 min
 Lab File: VN070446.D
 Acq: 3 Jan 2022 18:58

Tgt Ion:105 Resp: 21386
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.8 68.4

