

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070899.D
 Acq On : 2 Feb 2022 18:09
 Operator : JC/MD
 Sample : N1303-07ME
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CC-8ME

Quant Time: Feb 02 18:38:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

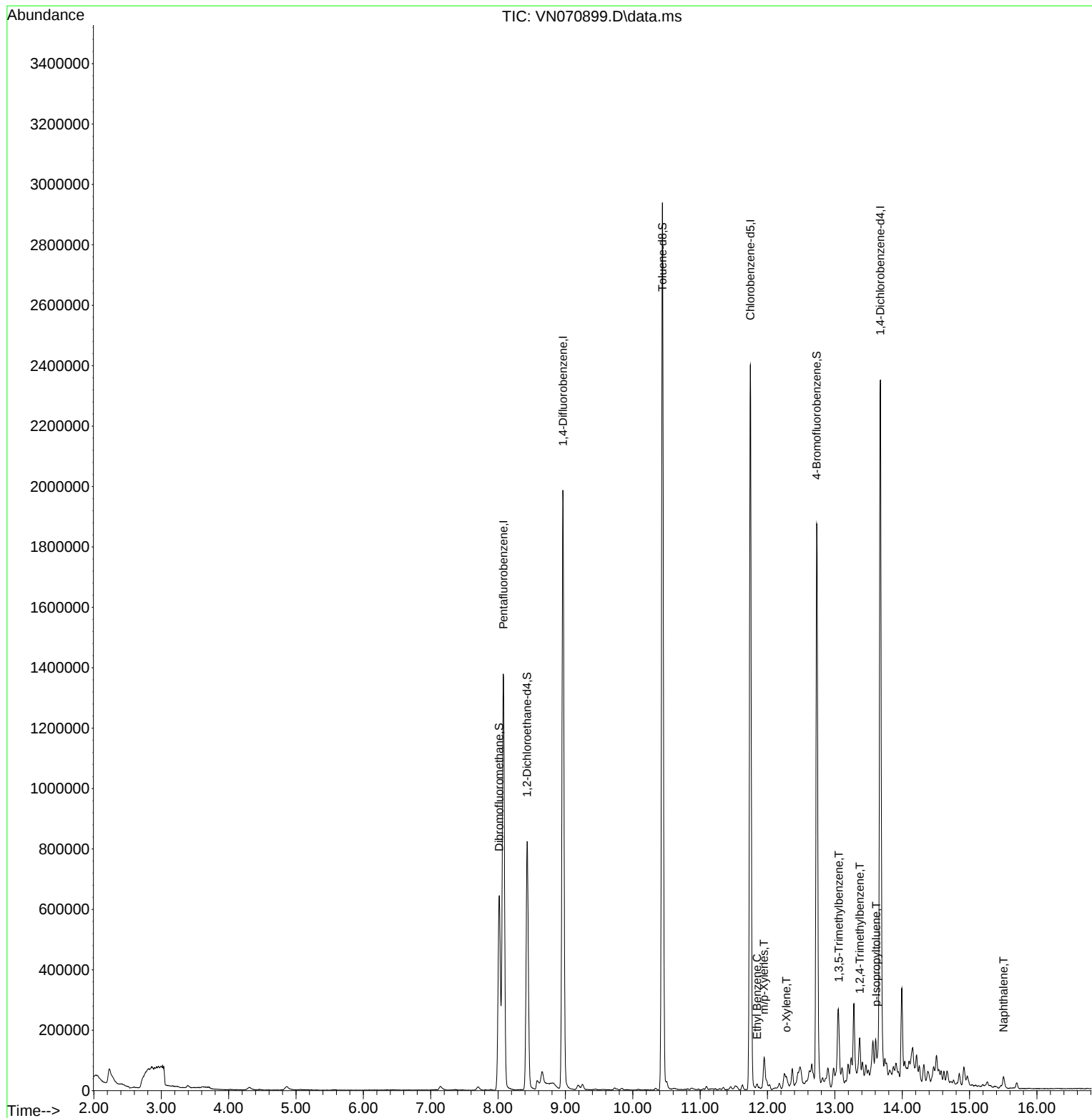
Internal Standards						
1) Pentafluorobenzene	8.077	168	1081008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1726242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1406885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	627878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.431	65	681590	46.580	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.160%		
35) Dibromofluoromethane	8.016	113	488782	47.266	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.540%		
50) Toluene-d8	10.440	98	2058986	48.493	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.980%		
62) 4-Bromofluorobenzene	12.731	95	680517	44.481	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.960%		
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.846	91	12534	0.234	ug/l	94
68) m/p-Xylenes	11.948	106	23643	1.189	ug/l	96
69) o-Xylene	12.280	106	6762	0.340	ug/l	87
80) 1,3,5-Trimethylbenzene	13.061	105	28700	0.646	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	82094	1.890	ug/l	96
86) p-Isopropyltoluene	13.616	119	11649	0.273	ug/l	92
95) Naphthalene	15.504	128	37432	4.601	ug/l	99

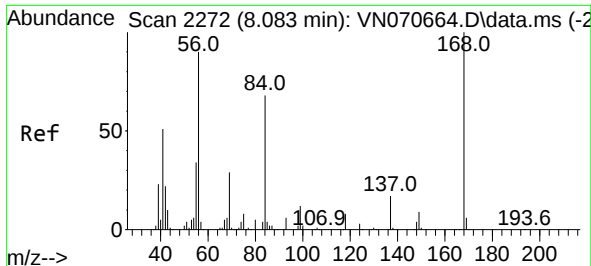
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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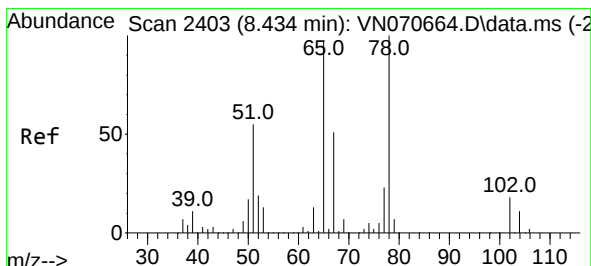
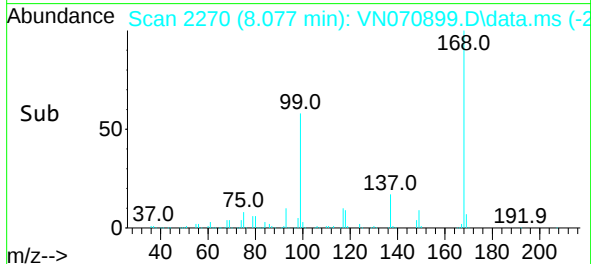
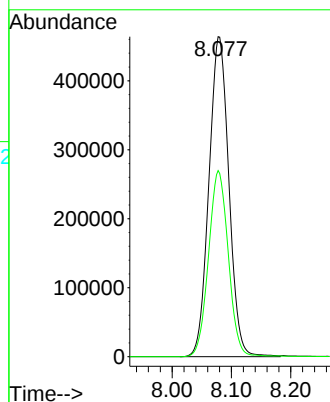
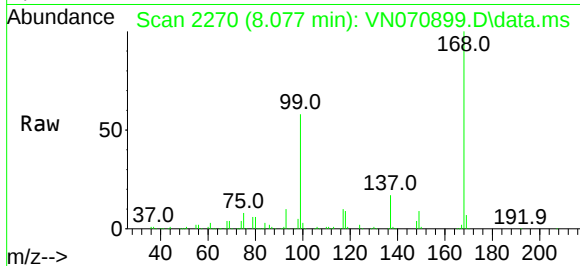




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.077 min Scan# 21
Delta R.T. -0.009 min
Lab File: VN070899.D
Acq: 2 Feb 2022 18:09

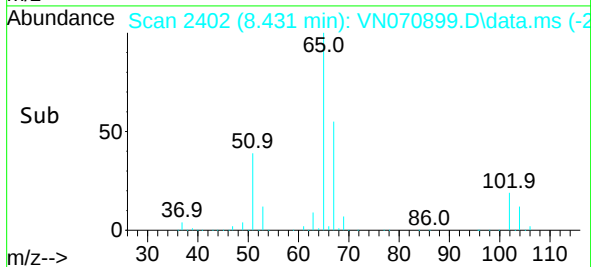
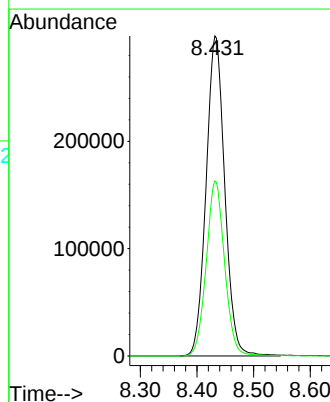
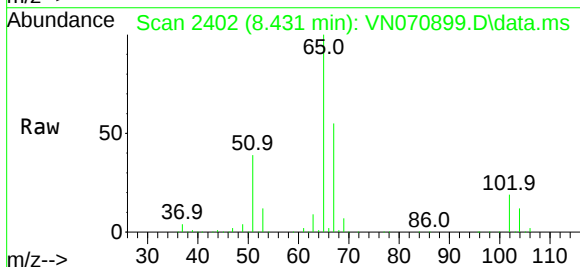
Instrument :
MSVOA_N
ClientSampleId :
CC-8ME

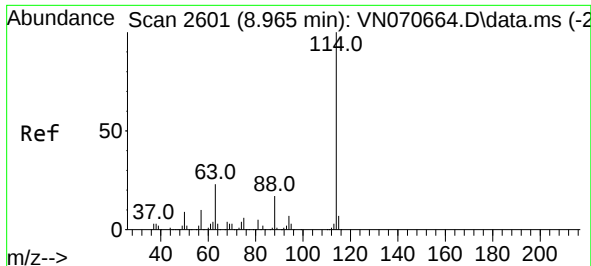
Tgt Ion:168 Resp: 1081008
Ion Ratio Lower Upper
168 100
99 58.2 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 46.580 ug/l
RT: 8.431 min Scan# 2402
Delta R.T. -0.006 min
Lab File: VN070899.D
Acq: 2 Feb 2022 18:09

Tgt Ion: 65 Resp: 681590
Ion Ratio Lower Upper
65 100
67 53.8 0.0 103.0

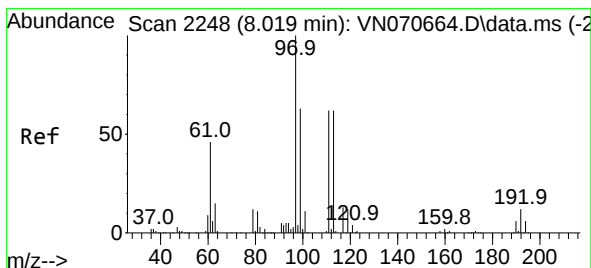
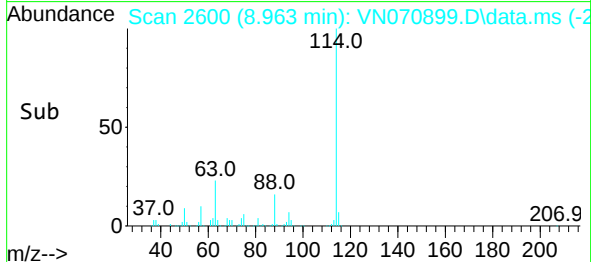
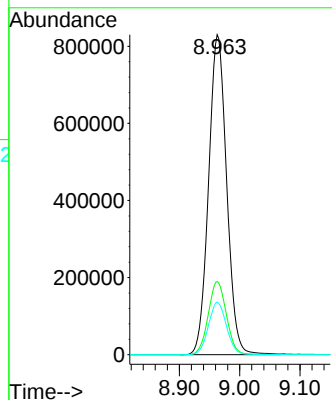
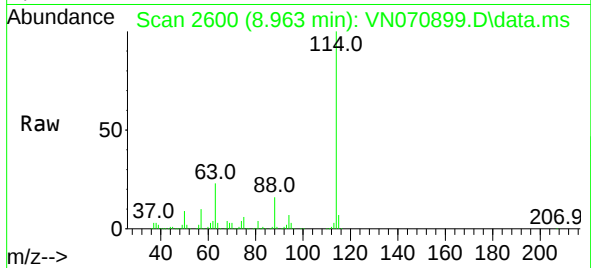




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070899.D
Acq: 2 Feb 2022 18:09

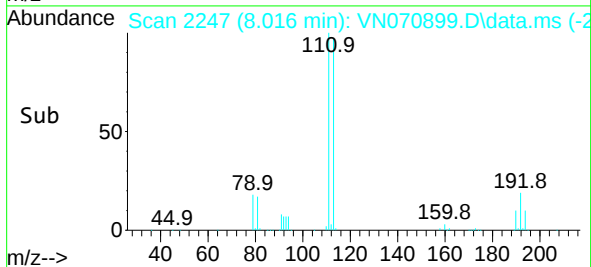
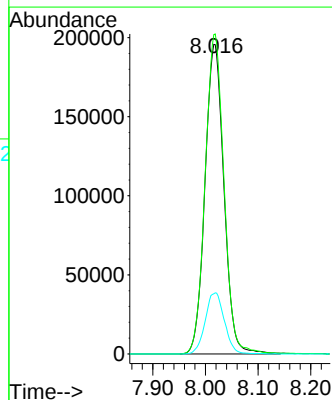
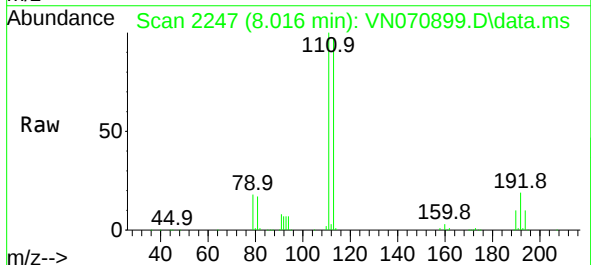
Instrument :
MSVOA_N
ClientSampleId :
CC-8ME

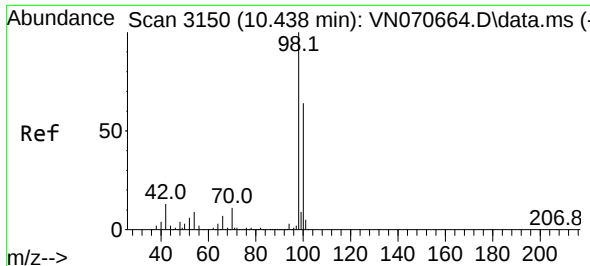
Tgt Ion:114 Resp: 1726242
Ion Ratio Lower Upper
114 100
63 22.9 0.0 37.8
88 16.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.266 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.006 min
Lab File: VN070899.D
Acq: 2 Feb 2022 18:09

Tgt Ion:113 Resp: 488782
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.9 16.9 25.3

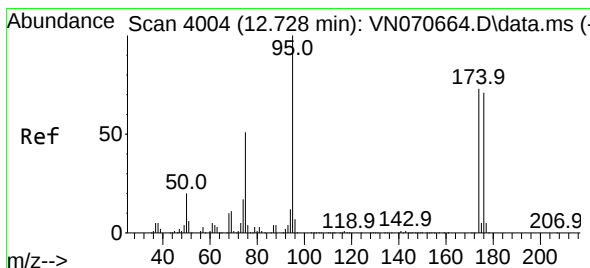
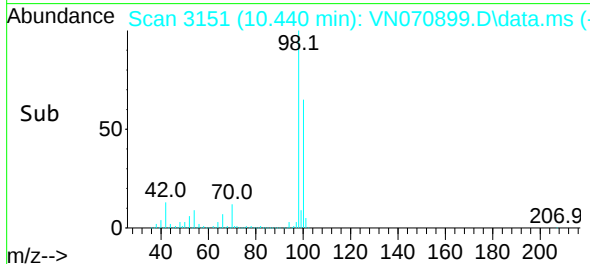
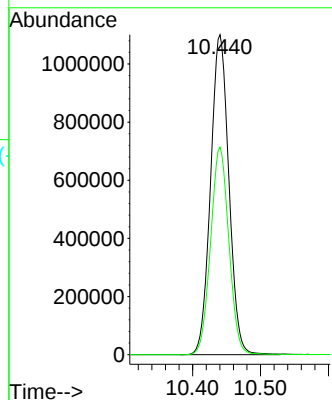
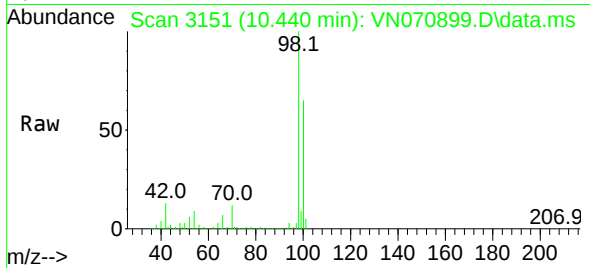




#50
Toluene-d8
Concen: 48.493 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VN070899.D
Acq: 2 Feb 2022 18:09

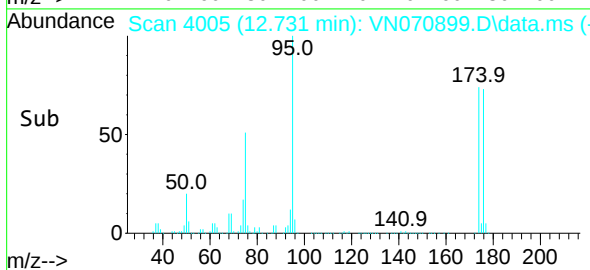
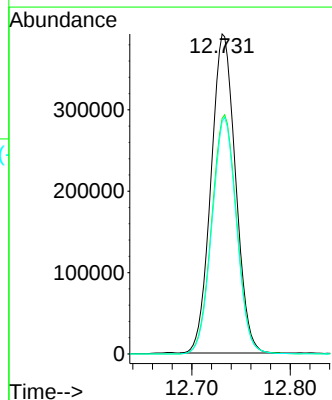
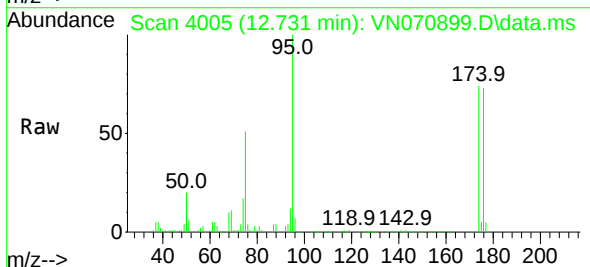
Instrument :
MSVOA_N
ClientSampleId :
CC-8ME

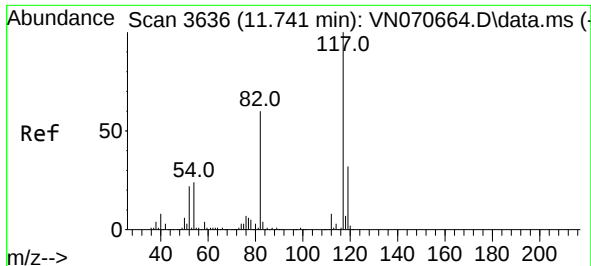
Tgt Ion: 98 Resp: 2058986
Ion Ratio Lower Upper
98 100
100 64.8 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 44.481 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070899.D
Acq: 2 Feb 2022 18:09

Tgt Ion: 95 Resp: 680517
Ion Ratio Lower Upper
95 100
174 76.6 0.0 187.2
176 74.2 0.0 181.4



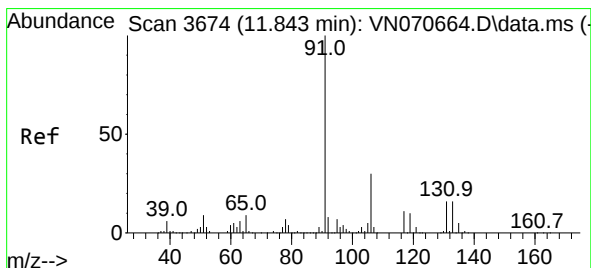
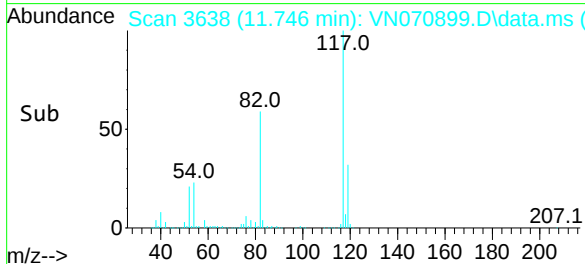
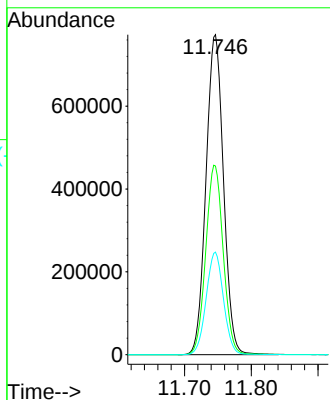
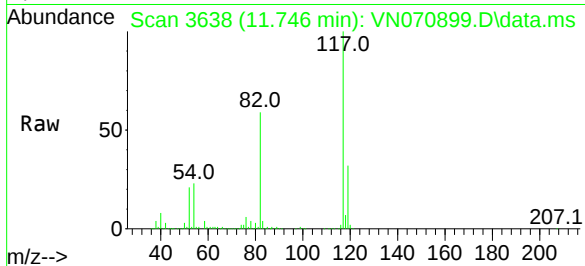


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3636
Delta R.T. 0.002 min
Lab File: VN070899.D
Acq: 2 Feb 2022 18:09

Instrument :
MSVOA_N
ClientSampleId :
CC-8ME

Tgt Ion:117 Resp: 1406885

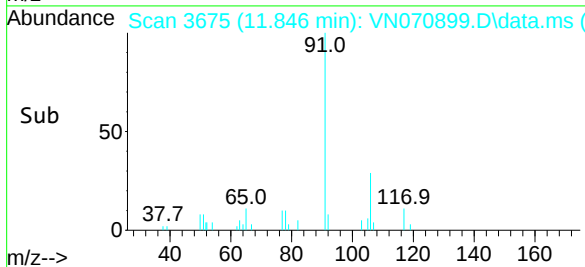
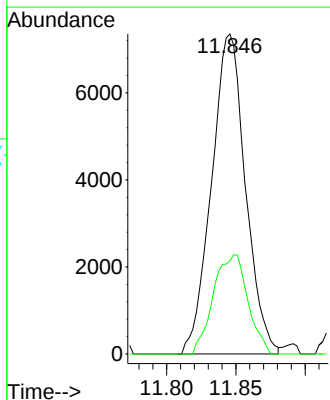
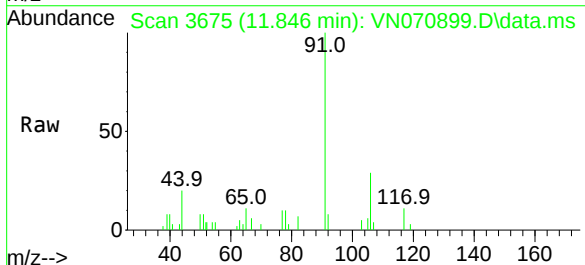
Ion	Ratio	Lower	Upper
117	100		
82	59.0	42.4	63.6
119	32.1	25.4	38.2

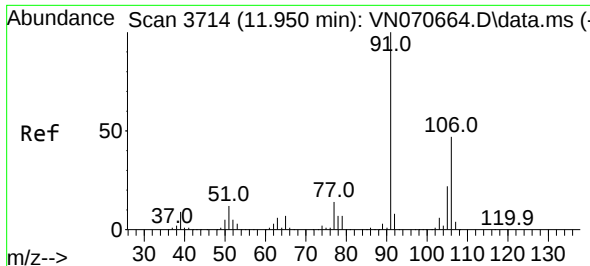


#67
Ethyl Benzene
Concen: 0.234 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.002 min
Lab File: VN070899.D
Acq: 2 Feb 2022 18:09

Tgt Ion: 91 Resp: 12534

Ion	Ratio	Lower	Upper
91	100		
106	29.0	25.7	38.5

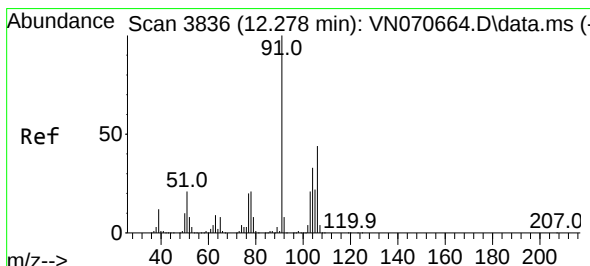
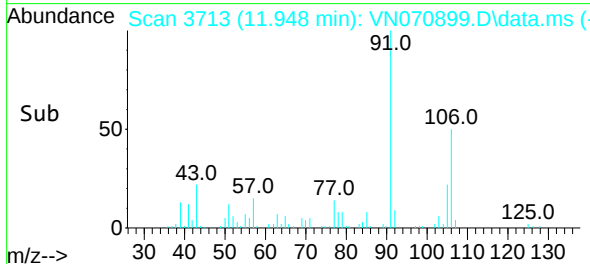
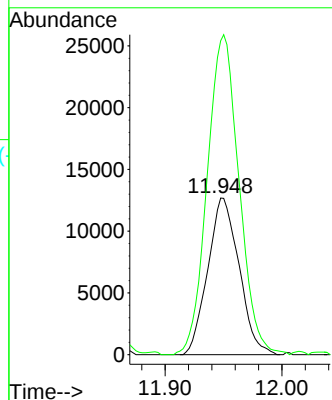
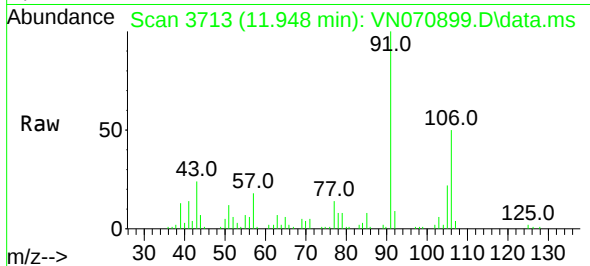




#68
m/p-Xylenes
Concen: 1.189 ug/l
RT: 11.948 min Scan# 3714
Delta R.T. -0.006 min
Lab File: VN070899.D
Acq: 2 Feb 2022 18:09

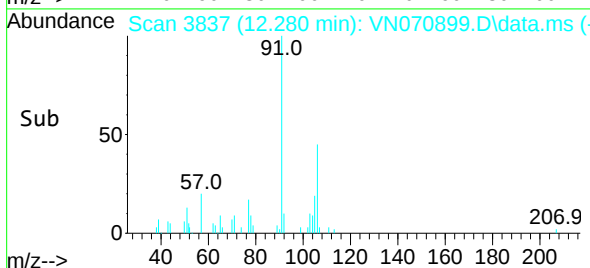
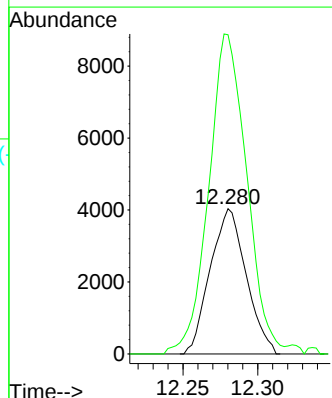
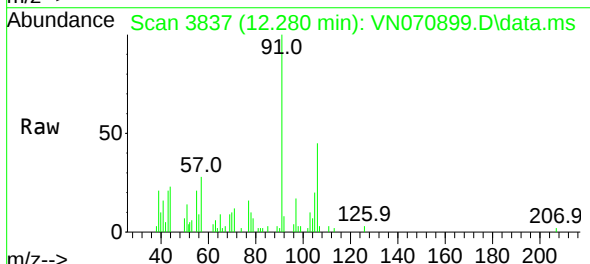
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ClientSampleId :
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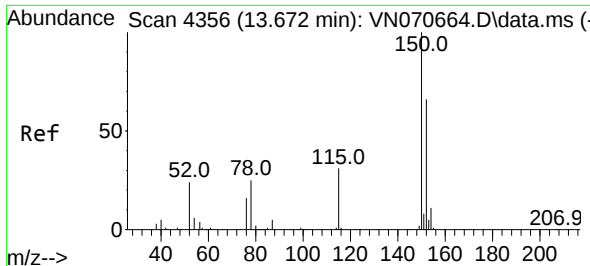
Tgt Ion:106 Resp: 23643
Ion Ratio Lower Upper
106 100
91 207.5 160.6 240.8



#69
o-Xylene
Concen: 0.340 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.000 min
Lab File: VN070899.D
Acq: 2 Feb 2022 18:09

Tgt Ion:106 Resp: 6762
Ion Ratio Lower Upper
106 100
91 232.0 105.8 317.3

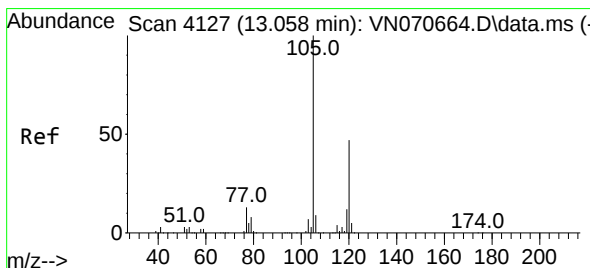
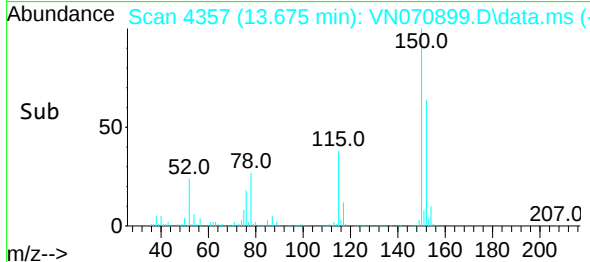
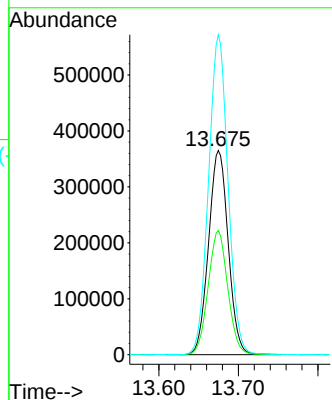
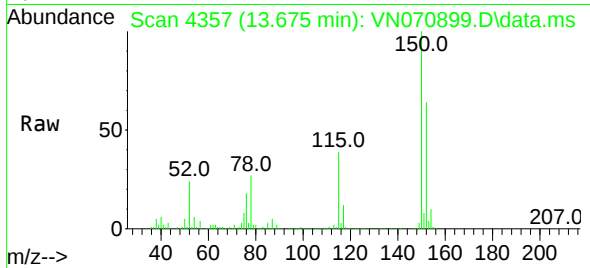




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.002 min
 Lab File: VN070899.D
 Acq: 2 Feb 2022 18:09

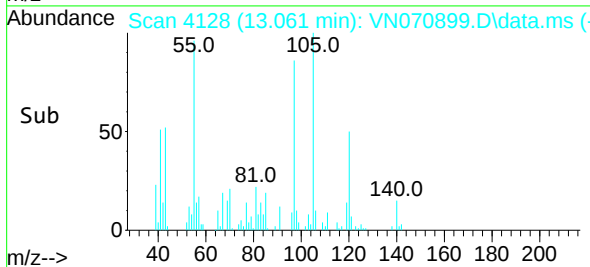
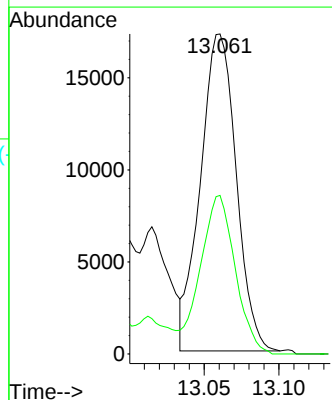
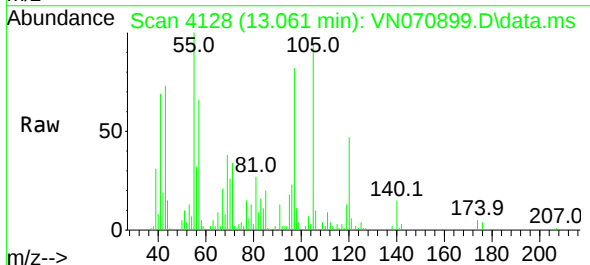
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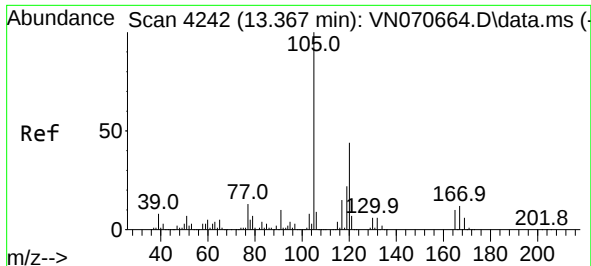
Tgt Ion:152 Resp: 627878
 Ion Ratio Lower Upper
 152 100
 115 60.3 27.5 82.5
 150 154.8 0.0 344.4



#80
 1,3,5-Trimethylbenzene
 Concen: 0.646 ug/l
 RT: 13.061 min Scan# 4128
 Delta R.T. 0.002 min
 Lab File: VN070899.D
 Acq: 2 Feb 2022 18:09

Tgt Ion:105 Resp: 28700
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.6 73.6

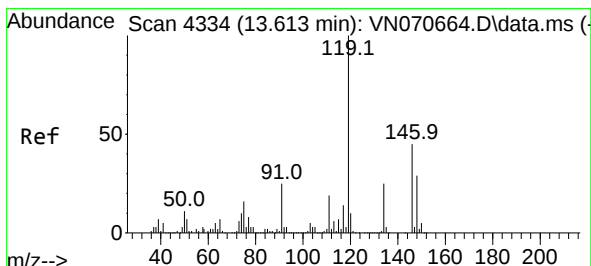
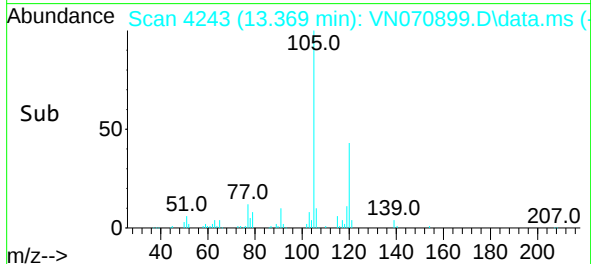
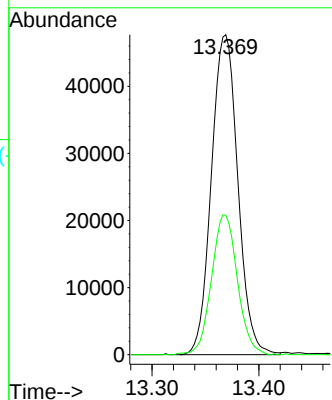
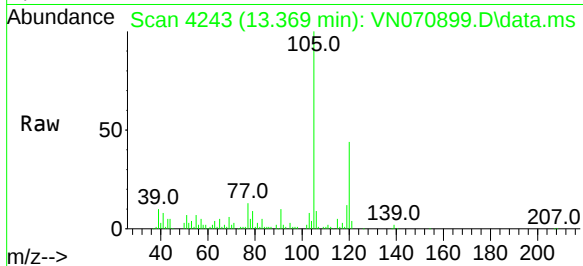




#84
1,2,4-Trimethylbenzene
Concen: 1.890 ug/l
RT: 13.369 min Scan# 41
Delta R.T. 0.002 min
Lab File: VN070899.D
Acq: 2 Feb 2022 18:09

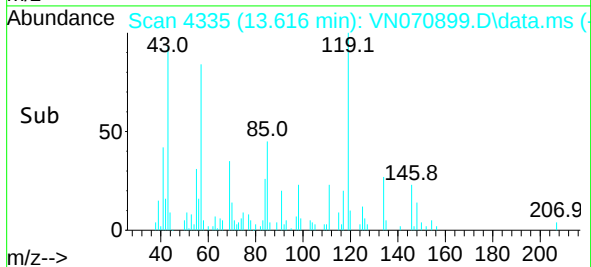
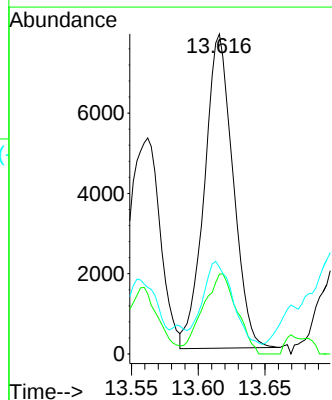
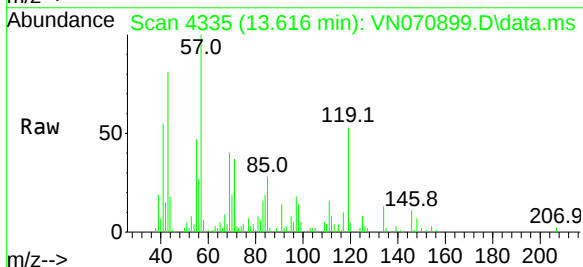
Instrument :
MSVOA_N
ClientSampleId :
CC-8ME

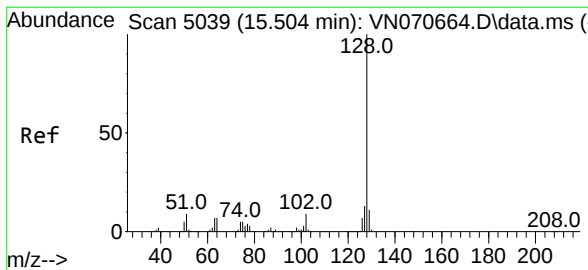
Tgt Ion:105 Resp: 82094
Ion Ratio Lower Upper
105 100
120 42.8 22.8 68.4



#86
p-Isopropyltoluene
Concen: 0.273 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.002 min
Lab File: VN070899.D
Acq: 2 Feb 2022 18:09

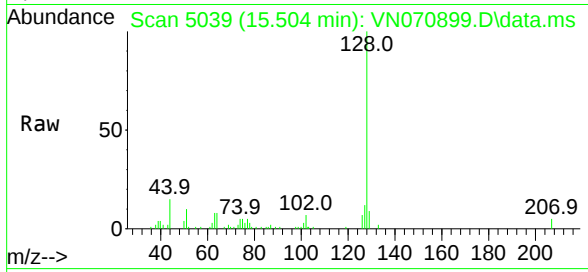
Tgt Ion:119 Resp: 11649
Ion Ratio Lower Upper
119 100
134 30.3 13.6 40.7
91 27.4 11.4 34.1





#95
Naphthalene
Concen: 4.601 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070899.D
Acq: 2 Feb 2022 18:09

Instrument :
MSVOA_N
ClientSampleId :
CC-8ME



Tgt Ion:128 Resp: 37432

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.5	8.7	13.1

