

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122821\
 Data File : VN070335.D
 Acq On : 28 Dec 2021 19:36
 Operator : JC/MD
 Sample : M5198-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-01-VOC

Quant Time: Dec 28 20:31:05 2021
 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)

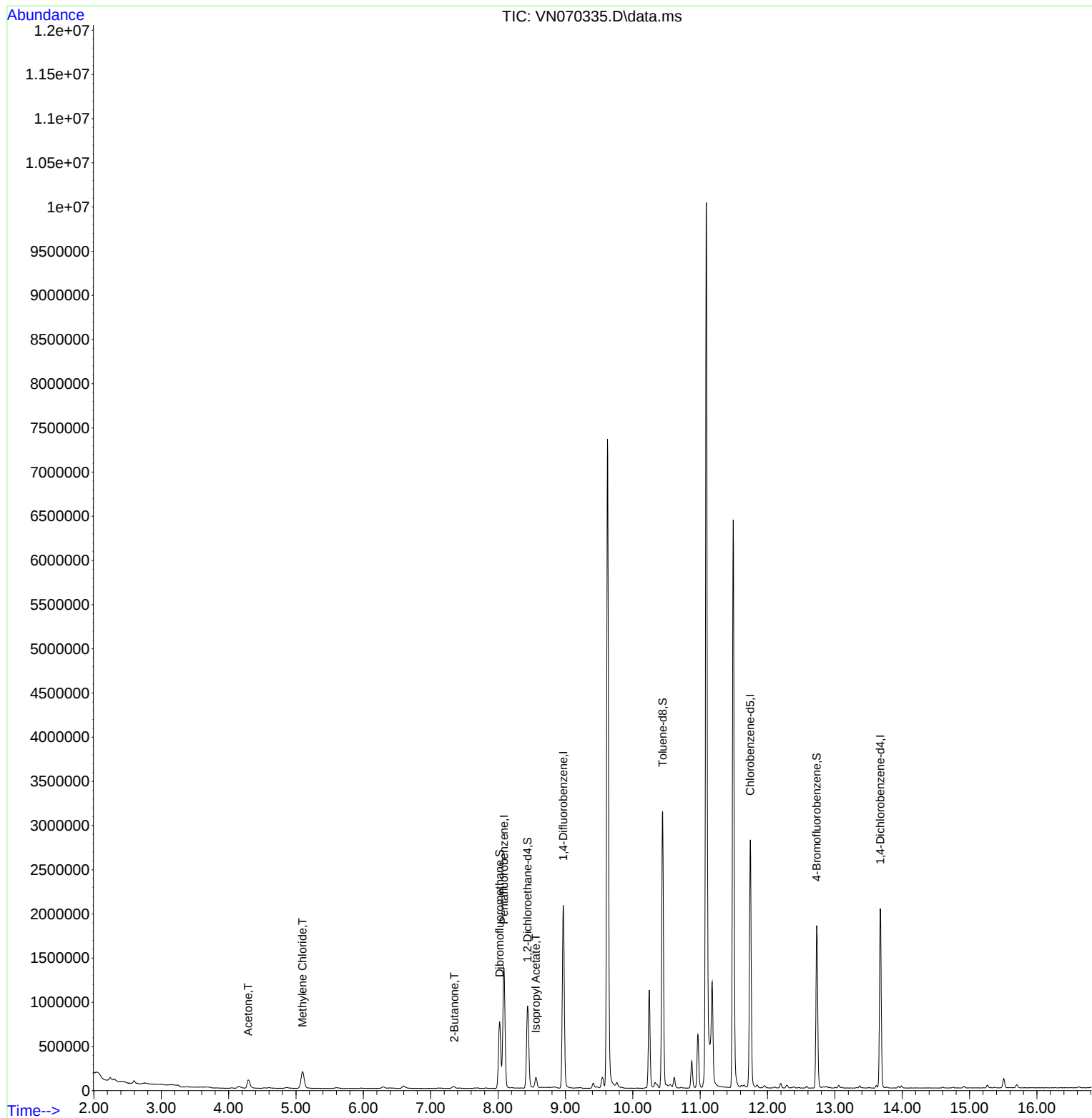
Internal Standards						
1) Pentafluorobenzene	8.088	168	1028976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1767881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1603805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	549296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	790847	53.455	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.900%	
35) Dibromofluoromethane	8.024	113	554556	51.844	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.680%	
50) Toluene-d8	10.443	98	2154271	49.301	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.600%	
62) 4-Bromofluorobenzene	12.731	95	673103	42.649	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 85.300%	
Target Compounds						
					Qvalue	
16) Acetone	4.291	43	188117	19.587	ug/l	97
20) Methylene Chloride	5.095	84	145015	10.913	ug/l	87
25) 2-Butanone	7.351	43	26186	2.165	ug/l	96
43) Isopropyl Acetate	8.560	43	142477	3.940	ug/l #	87

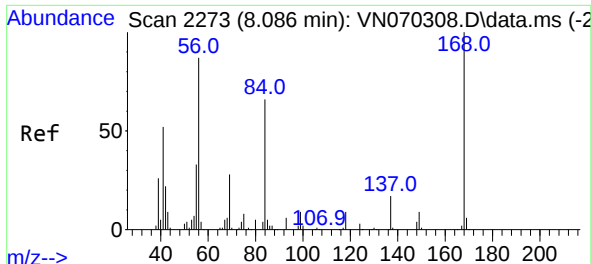
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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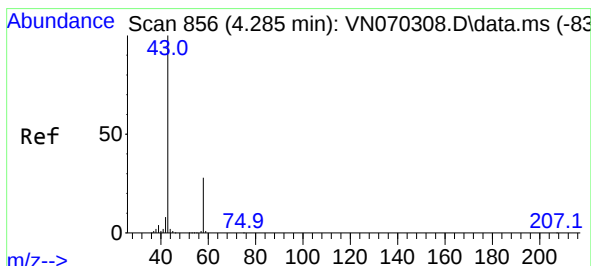
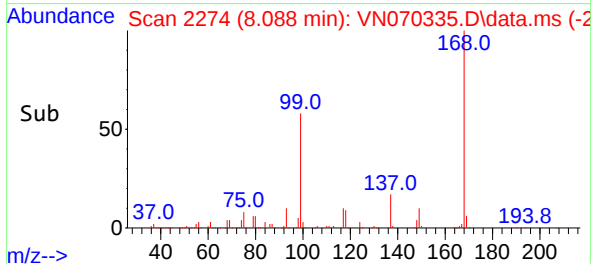
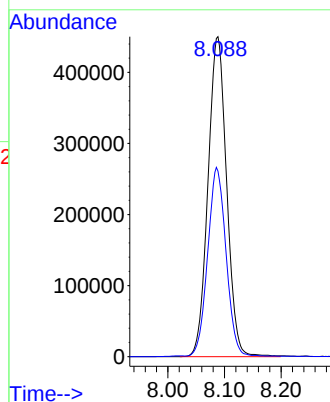
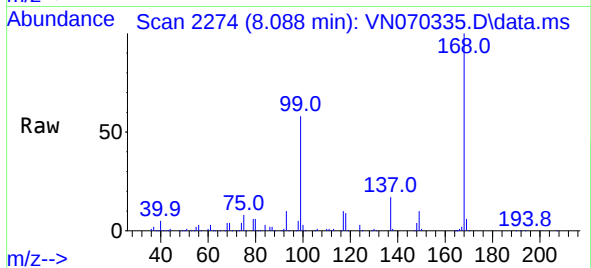




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

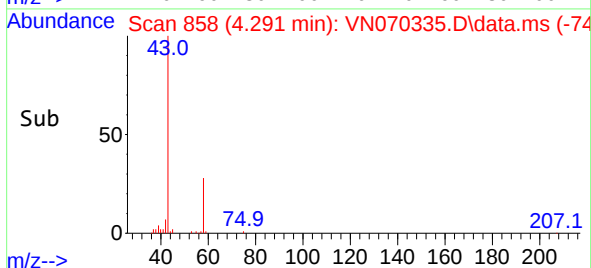
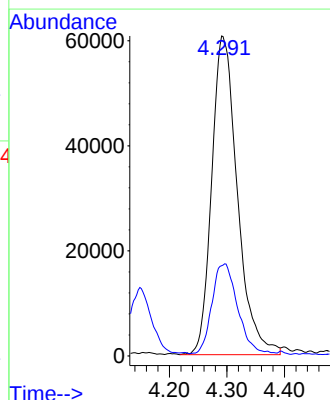
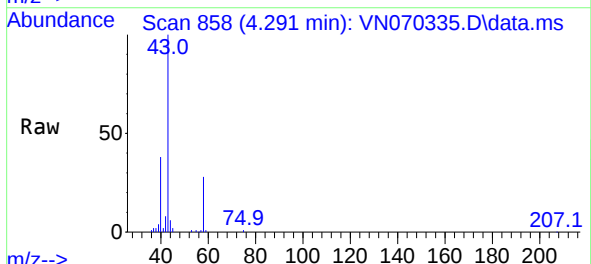
Instrument :
MSVOA_N
ClientSampleId :
TP-01-VOC

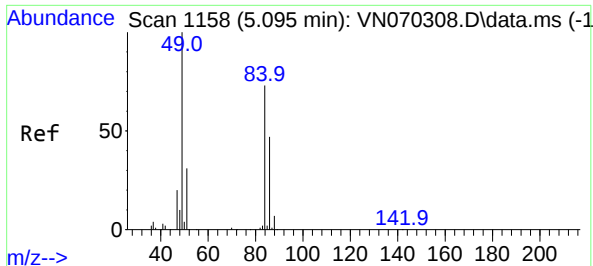
Tgt Ion:168 Resp: 1028976
Ion Ratio Lower Upper
168 100
99 57.9 41.3 61.9



#16
Acetone
Concen: 19.587 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 43 Resp: 188117
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7



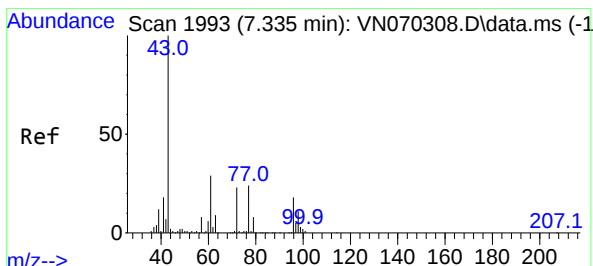
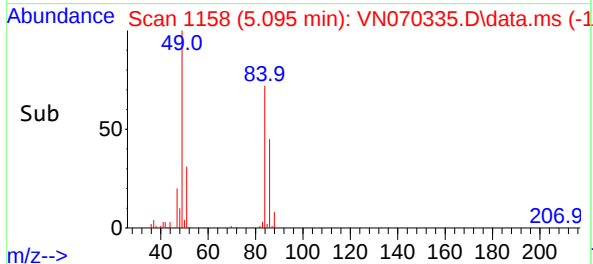
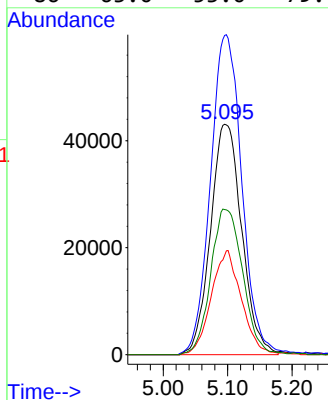
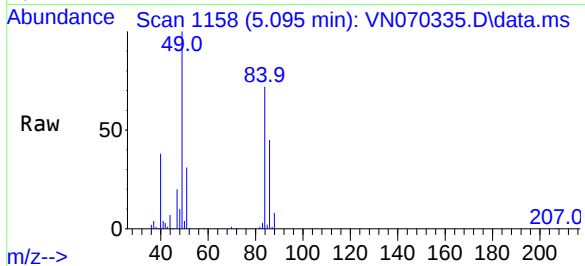


#20
Methylene Chloride
Concen: 10.913 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Instrument :
MSVOA_N
ClientSampleId :
TP-01-VOC

Tgt Ion: 84 Resp: 145015

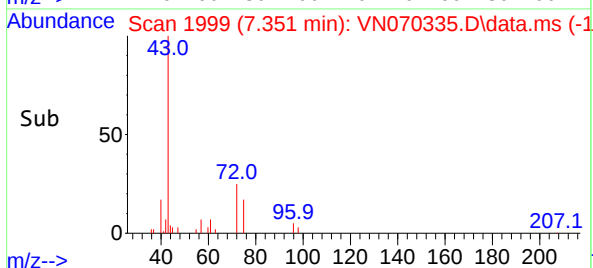
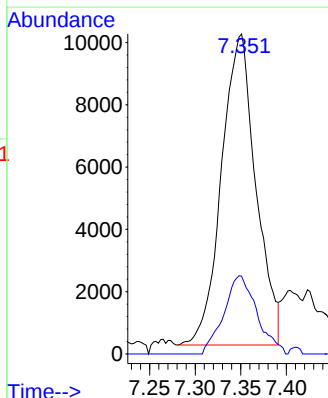
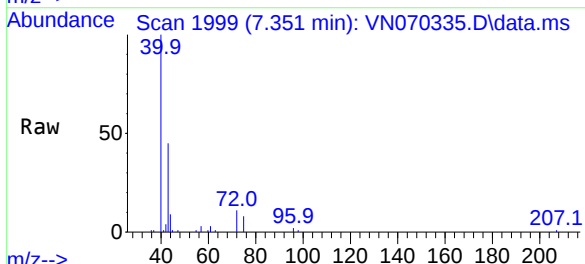
Ion	Ratio	Lower	Upper
84	100		
49	138.5	93.5	140.3
51	43.1	29.4	44.2
86	63.0	53.0	79.4

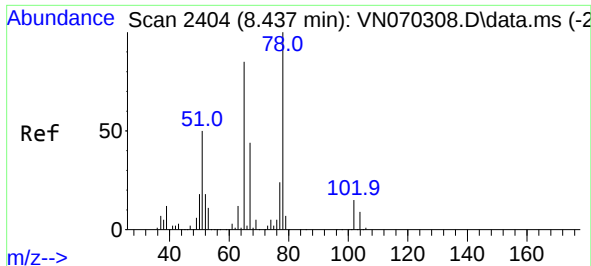


#25
2-Butanone
Concen: 2.165 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.016 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 43 Resp: 26186

Ion	Ratio	Lower	Upper
43	100		
72	25.0	21.7	32.5

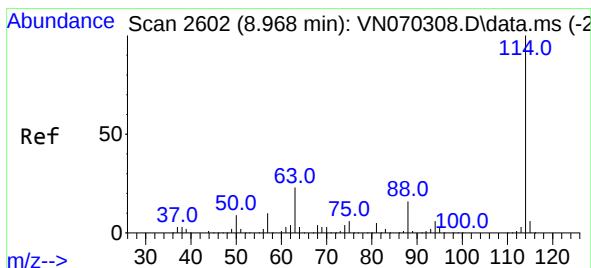
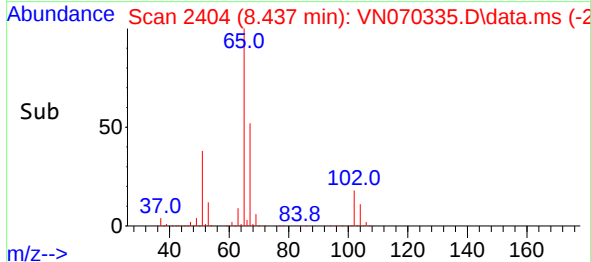
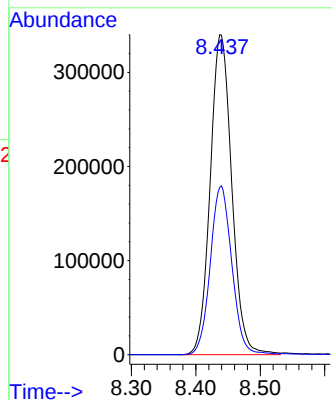
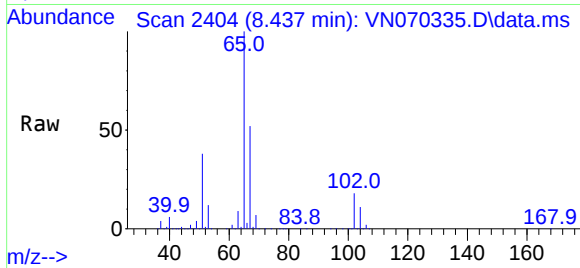




#33
1,2-Dichloroethane-d4
Concen: 53.455 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

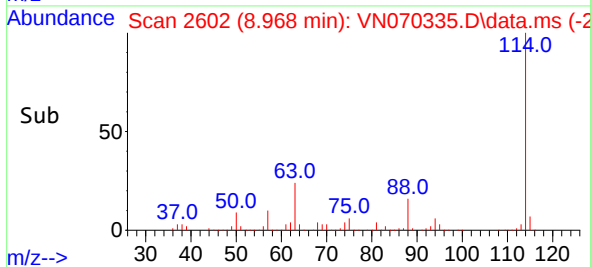
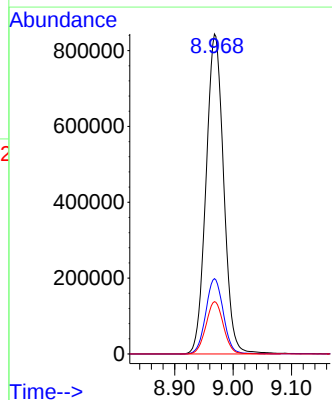
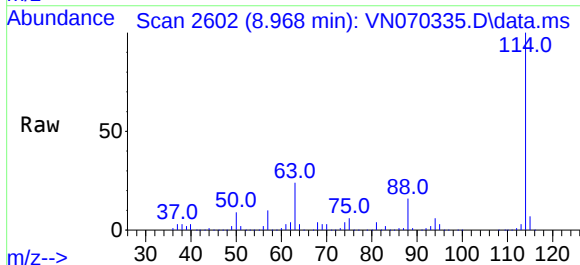
Instrument :
MSVOA_N
ClientSampleId :
TP-01-VOC

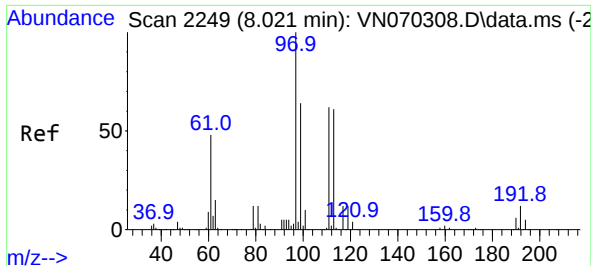
Tgt Ion: 65 Resp: 790847
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 114 Resp: 1767881
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.3 0.0 27.4

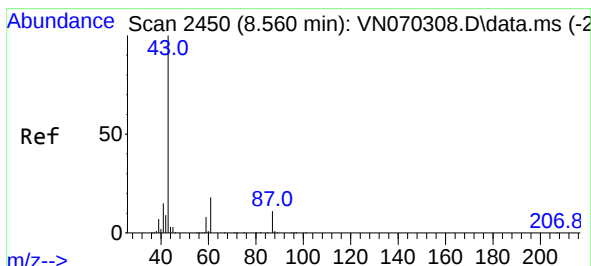
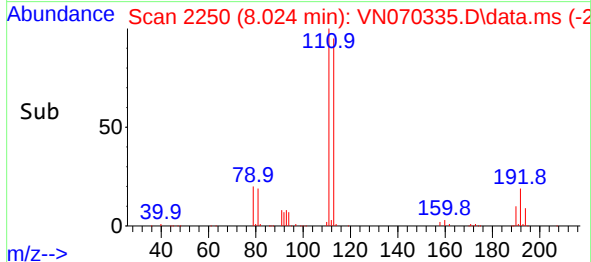
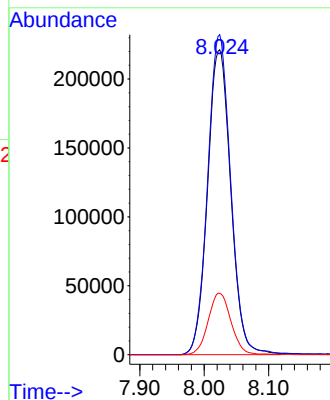
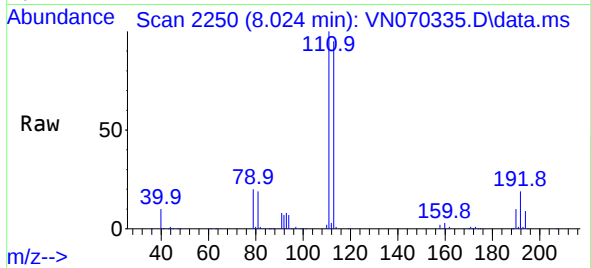




#35
Dibromofluoromethane
Concen: 51.844 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

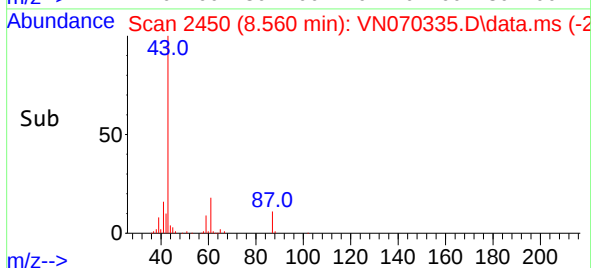
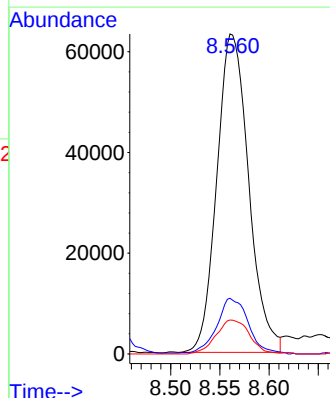
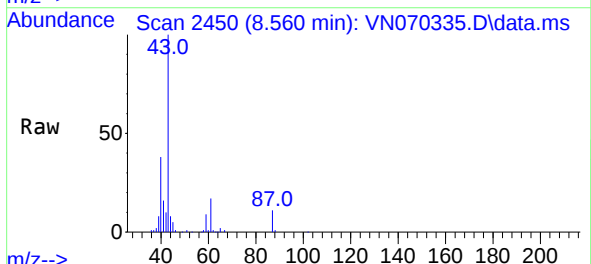
Instrument :
MSVOA_N
ClientSampleId :
TP-01-VOC

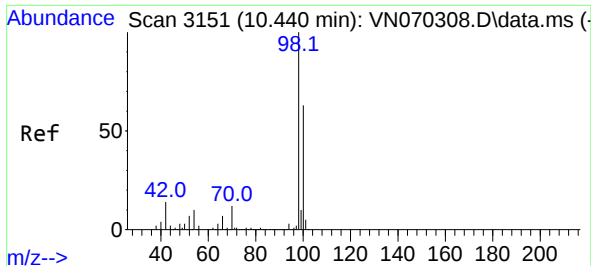
Tgt Ion:113 Resp: 554556
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 19.7 16.9 25.3



#43
Isopropyl Acetate
Concen: 3.940 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 43 Resp: 142477
Ion Ratio Lower Upper
43 100
61 17.5 20.4 30.6#
87 11.2 11.2 16.8

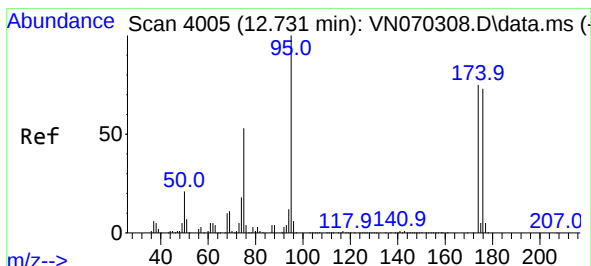
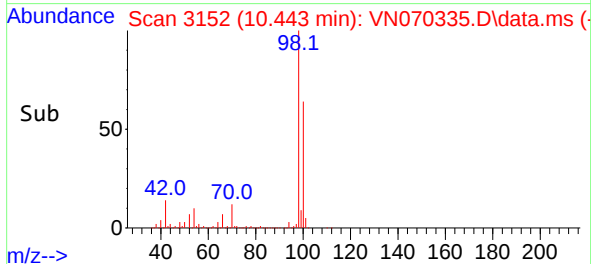
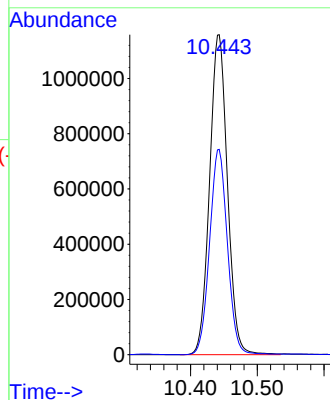
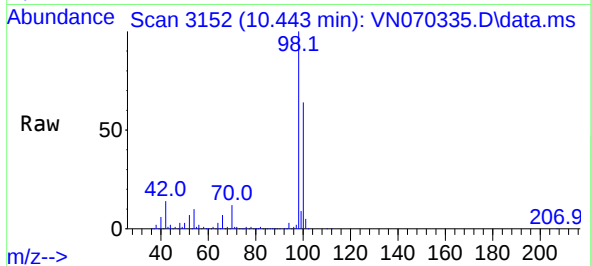




#50
Toluene-d8
Concen: 49.301 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

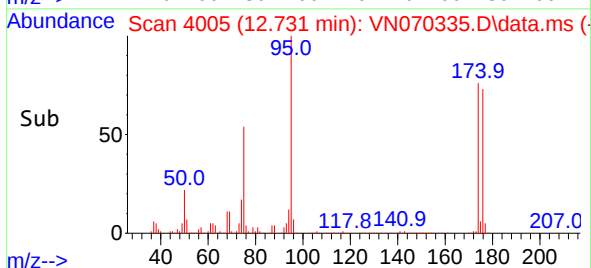
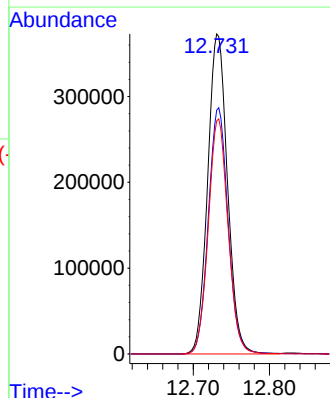
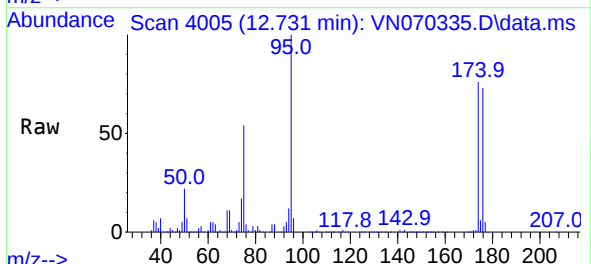
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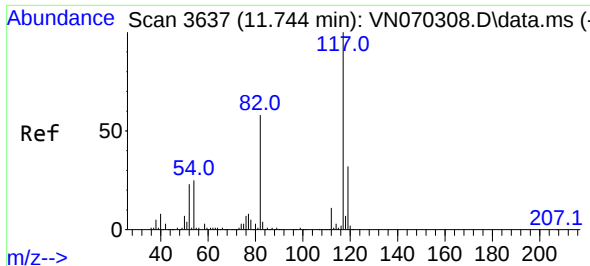
Tgt Ion: 98 Resp: 2154271
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 42.649 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 95 Resp: 673103
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.0 0.0 181.4

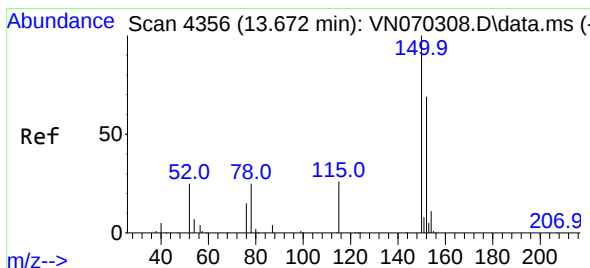
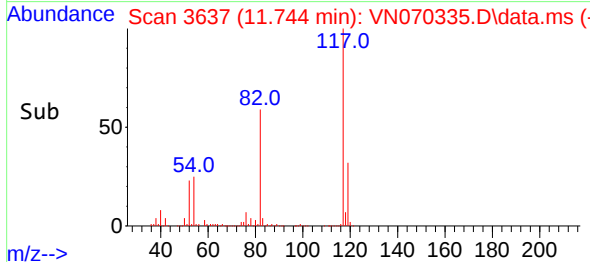
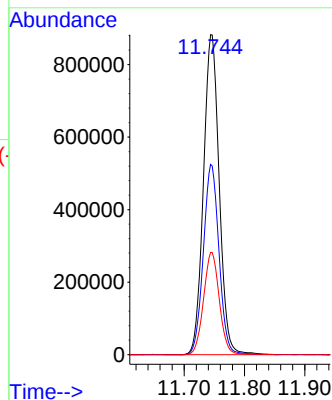
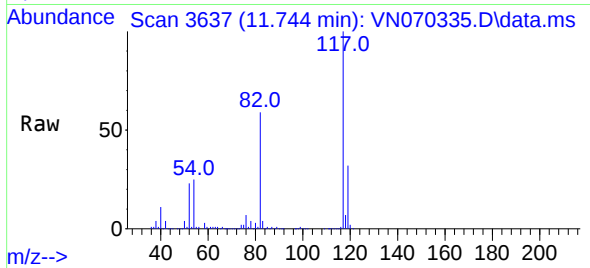




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 1603805
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion:152 Resp: 549296
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 158.9 0.0 344.4

