

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068894.D
 Acq On : 13 Oct 2021 13:42
 Operator : JC/MD
 Sample : M4142-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2087

Quant Time: Oct 14 06:41:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

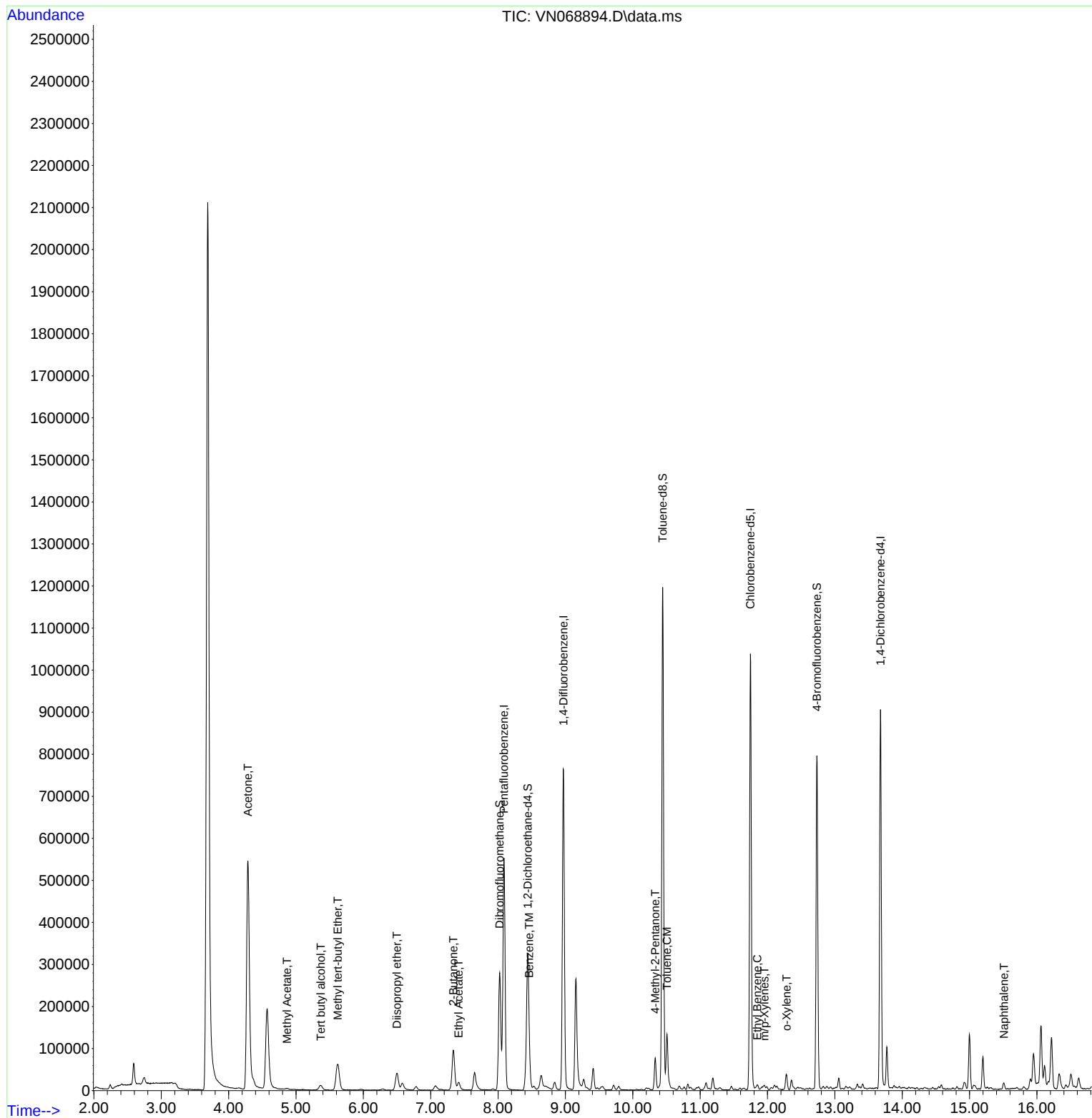
Internal Standards						
1) Pentafluorobenzene	8.088	168	429078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	695356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	621722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	242982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	250944	44.36	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.72%
35) Dibromofluoromethane	8.024	113	207584	51.31	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.62%
50) Toluene-d8	10.443	98	846494	52.29	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.58%
62) 4-Bromofluorobenzene	12.734	95	289758	47.44	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.88%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.369	59	23197	22.44	ug/l #	88
16) Acetone	4.285	43	1041828	493.48	ug/l	99
18) Methyl Acetate	4.867	43	4746	0.59	ug/l	93
19) Methyl tert-butyl Ether	5.621	73	111731	7.24	ug/l	99
22) Diisopropyl ether	6.498	45	52668	3.41	ug/l	93
25) 2-Butanone	7.335	43	156341	48.97	ug/l	99
37) Ethyl Acetate	7.415	43	23602	3.85	ug/l #	97
40) Benzene	8.461	78	55585	3.07	ug/l	100
51) 4-Methyl-2-Pentanone	10.333	43	52539	8.37	ug/l	98
52) Toluene	10.508	92	55968	4.81	ug/l	98
67) Ethyl Benzene	11.849	91	5928	0.27	ug/l	92
68) m/p-Xylenes	11.956	106	2301	0.28	ug/l	99
69) o-Xylene	12.283	106	6553	0.79	ug/l	100
95) Naphthalene	15.509	128	15028	5.04	ug/l	98

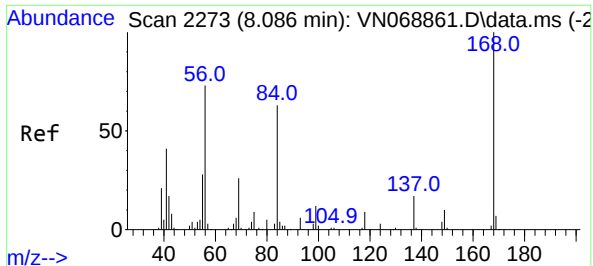
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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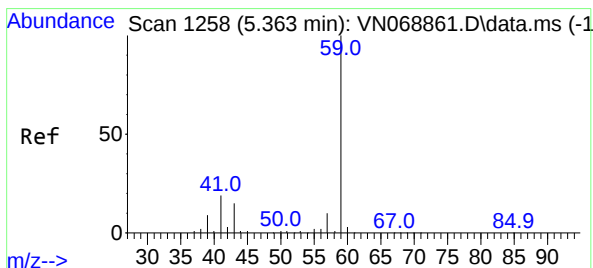
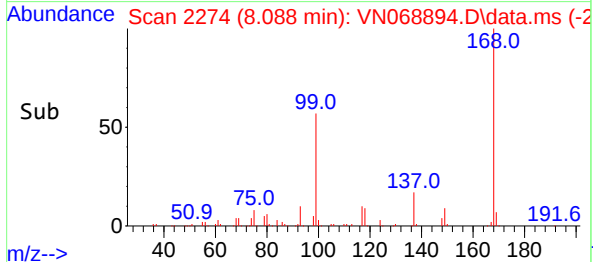
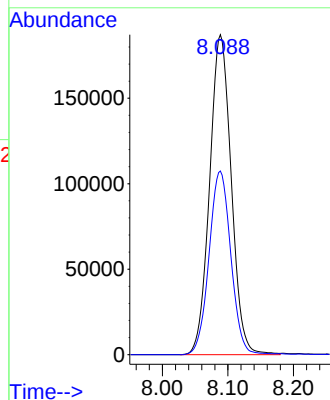
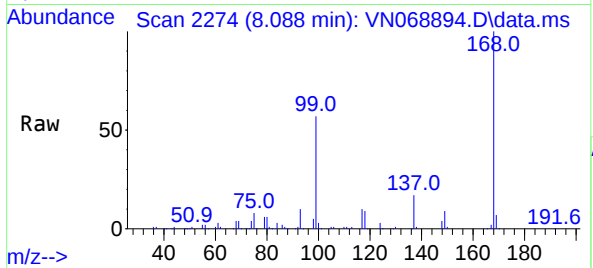




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

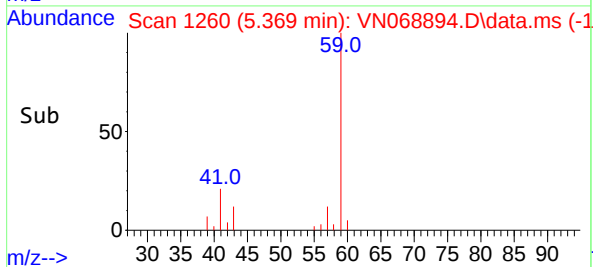
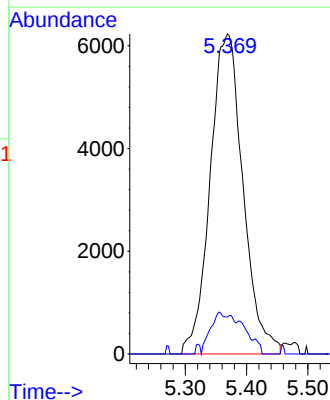
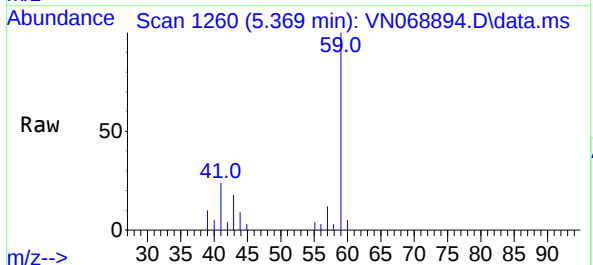
Instrument :
MSVOA_N
ClientSampled :
2087

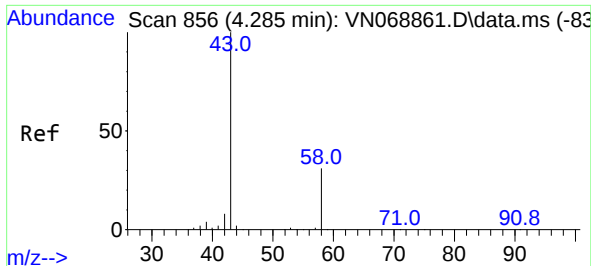
Tgt Ion:168 Resp: 429078
Ion Ratio Lower Upper
168 100
99 57.4 48.9 73.3



#11
Tert butyl alcohol
Concen: 22.44 ug/l
RT: 5.369 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

Tgt Ion: 59 Resp: 23197
Ion Ratio Lower Upper
59 100
57 6.0 8.3 12.5#

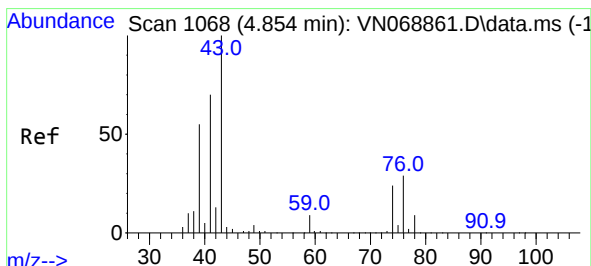
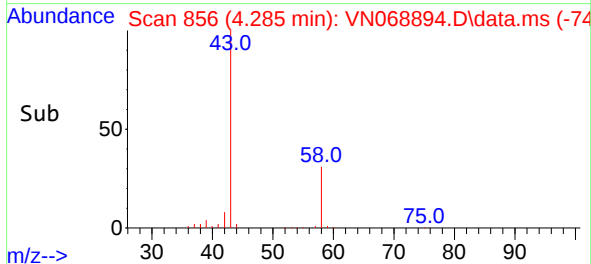
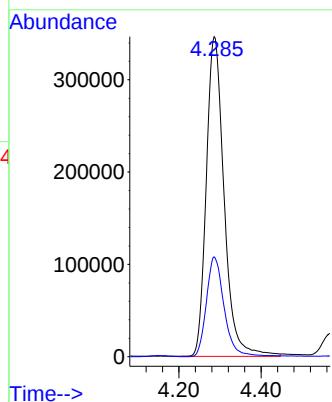
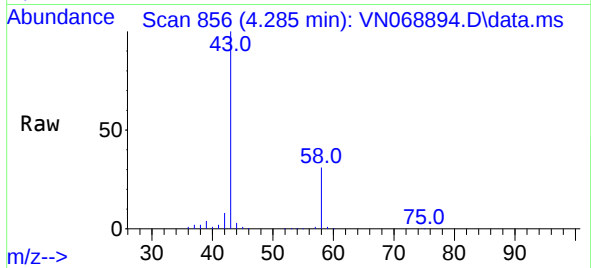




#16
Acetone
Concen: 493.48 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

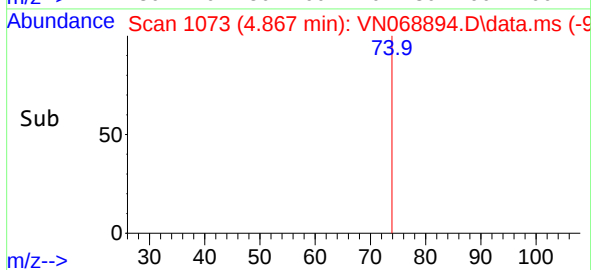
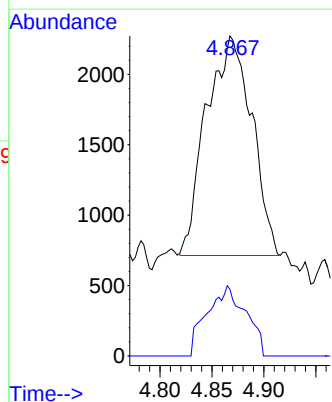
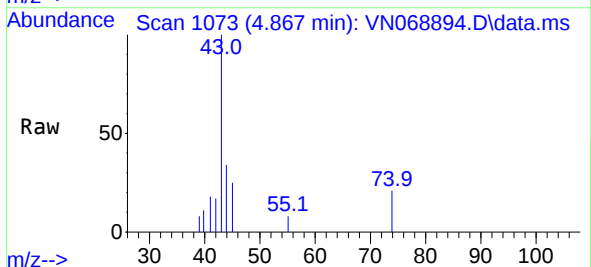
Instrument :
MSVOA_N
ClientSampled :
2087

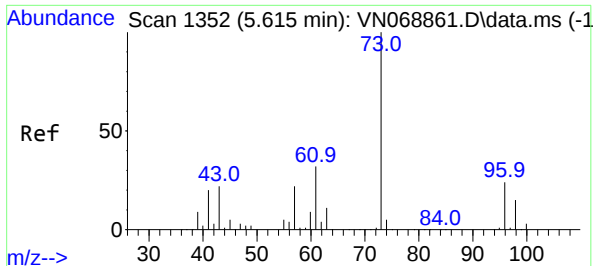
Tgt Ion: 43 Resp: 1041828
Ion Ratio Lower Upper
43 100
58 31.3 24.5 36.7



#18
Methyl Acetate
Concen: 0.59 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.014 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

Tgt Ion: 43 Resp: 4746
Ion Ratio Lower Upper
43 100
74 27.2 18.9 28.3



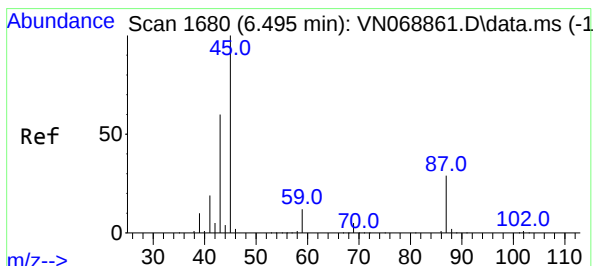
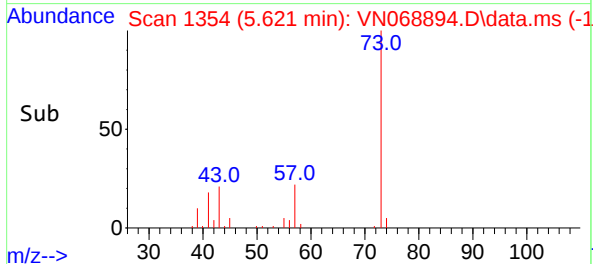
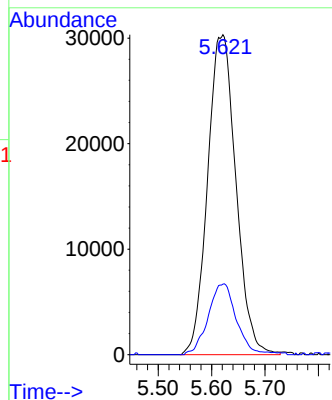
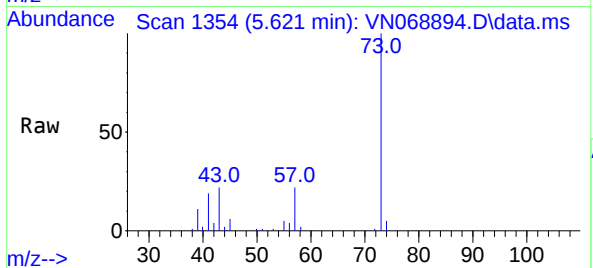


#19

Methyl tert-butyl Ether
Concen: 7.24 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

Instrument :
MSVOA_N
ClientSampled :
2087

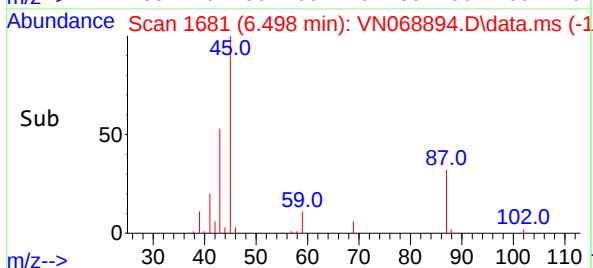
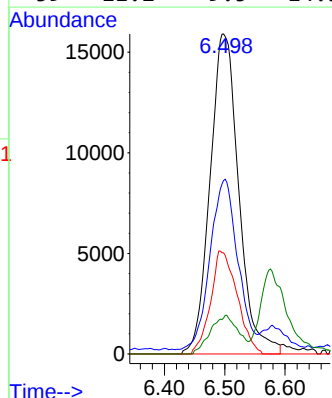
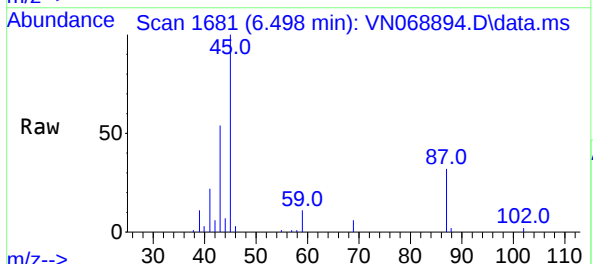
Tgt Ion: 73 Resp: 111731
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

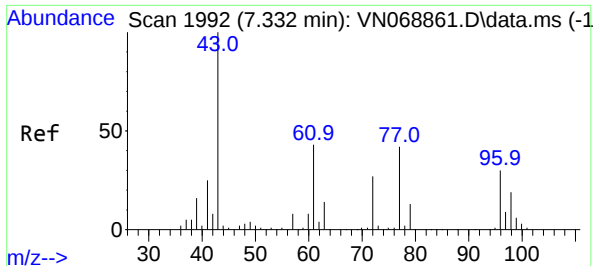


#22

Diisopropyl ether
Concen: 3.41 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

Tgt Ion: 45 Resp: 52668
Ion Ratio Lower Upper
45 100
43 52.8 48.0 72.0
87 31.6 23.4 35.0
59 11.2 9.5 14.3

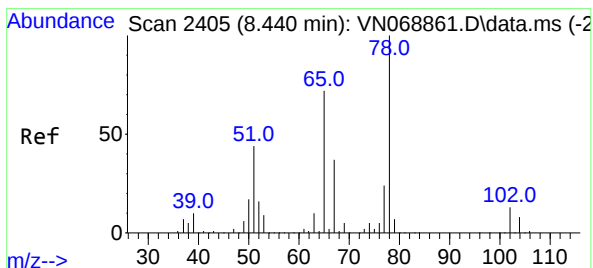
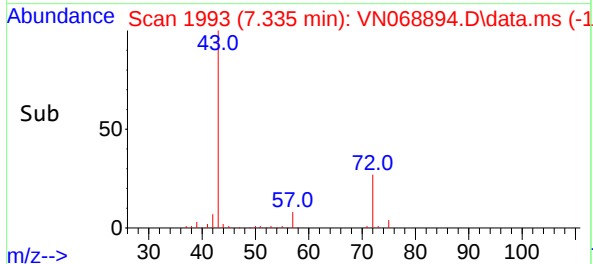
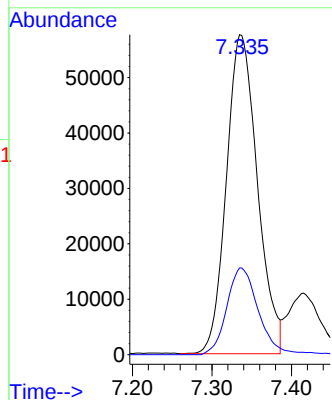
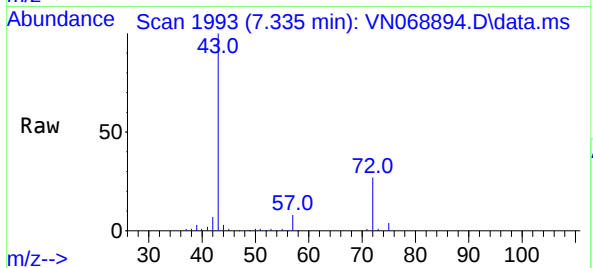




#25
2-Butanone
Concen: 48.97 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.003 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

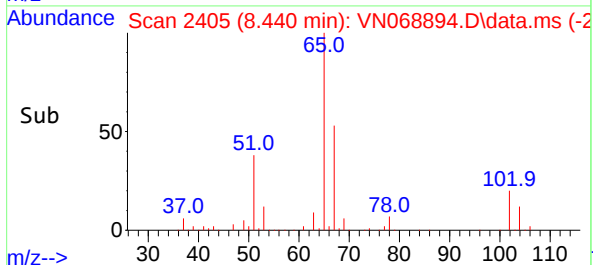
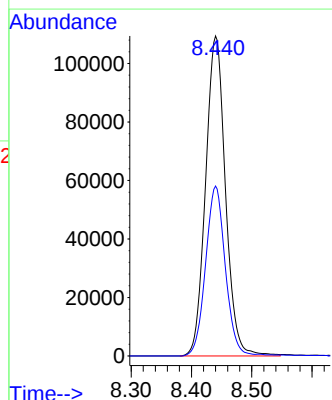
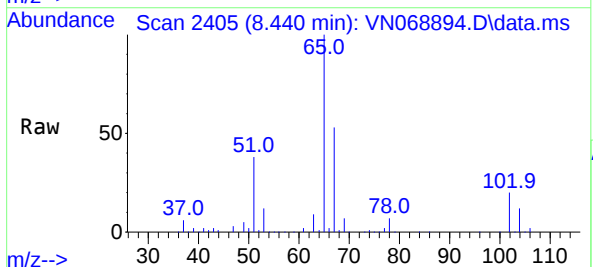
Instrument :
MSVOA_N
ClientSampled :
2087

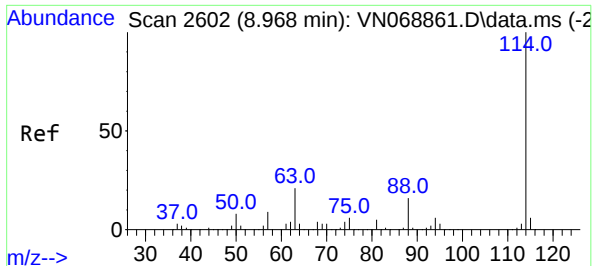
Tgt Ion: 43 Resp: 156341
Ion Ratio Lower Upper
43 100
72 27.2 21.2 31.8



#33
1,2-Dichloroethane-d4
Concen: 44.36 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

Tgt Ion: 65 Resp: 250944
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.8



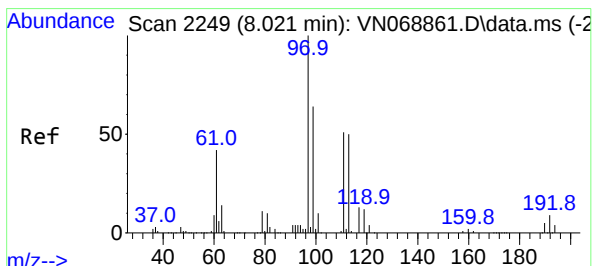
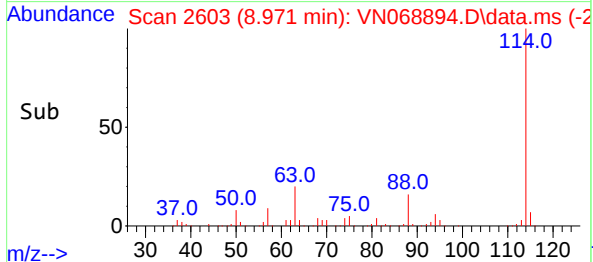
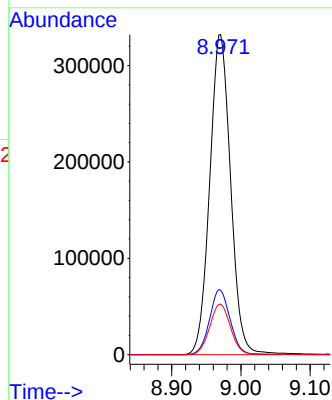
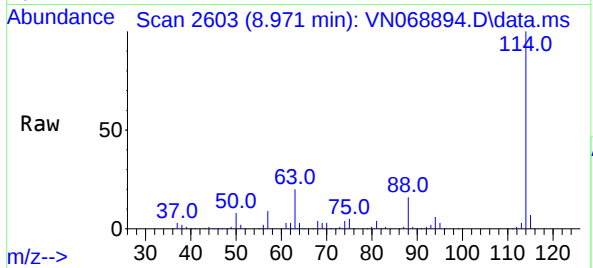


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

Instrument :
MSVOA_N
ClientSampled :
2087

Tgt Ion:114 Resp: 695356

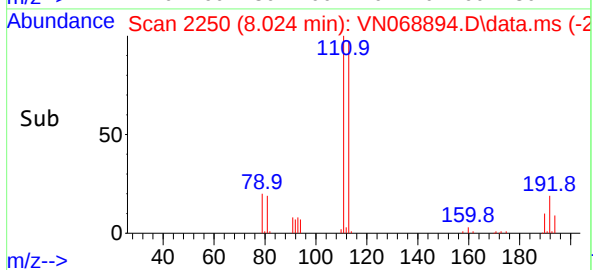
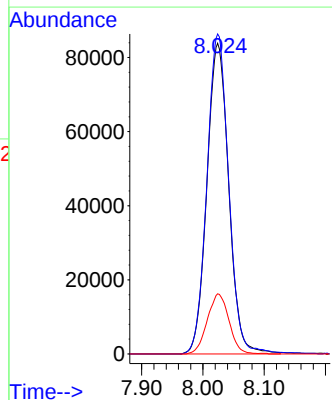
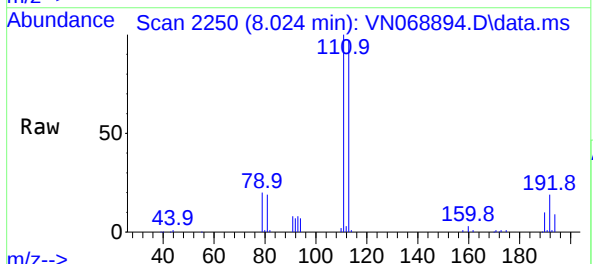
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.6
88	15.8	0.0	32.0

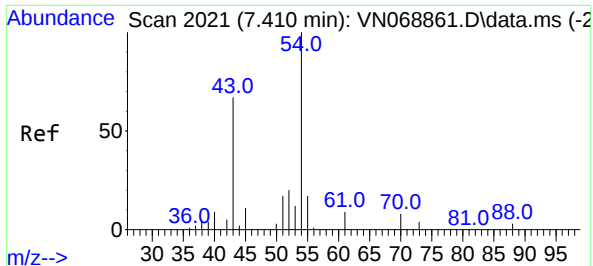


#35
Dibromofluoromethane
Concen: 51.31 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

Tgt Ion:113 Resp: 207584

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.2	124.8
192	19.2	15.0	22.4

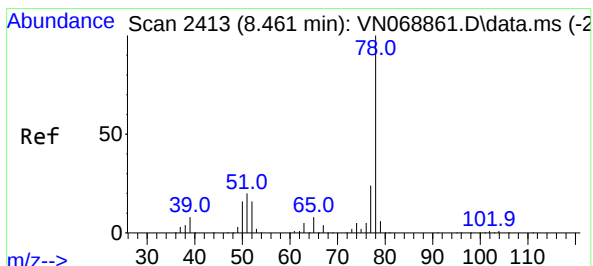
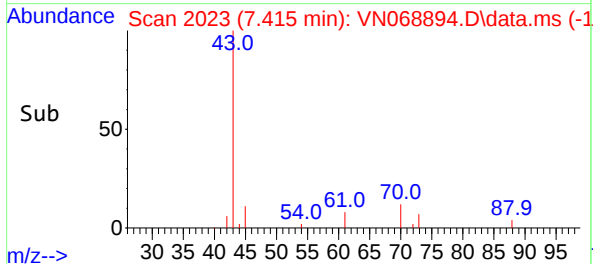
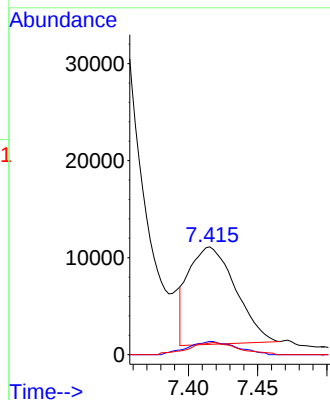
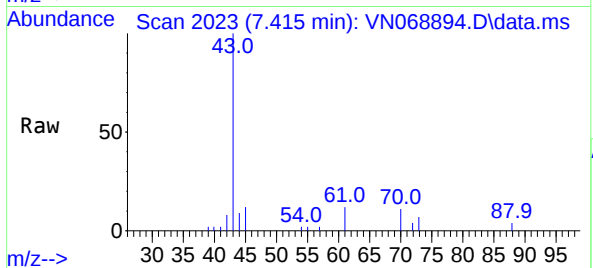




#37
Ethyl Acetate
Concen: 3.85 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.006 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

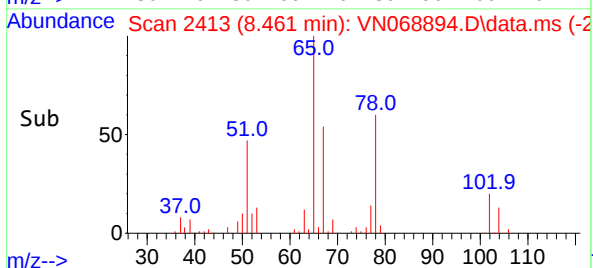
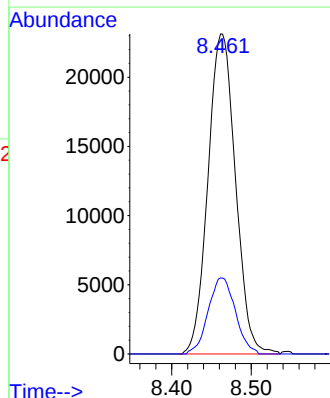
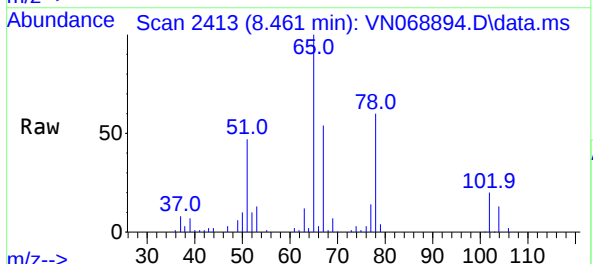
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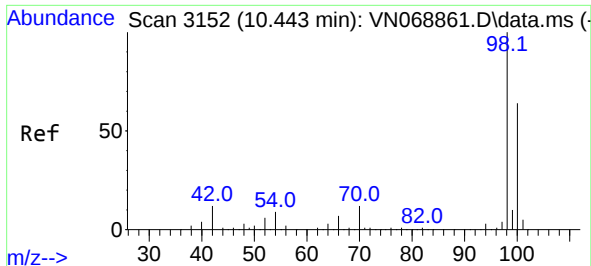
Tgt Ion:	43	Resp:	23602
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.2	16.8
70	13.1	8.4	12.6



#40
Benzene
Concen: 3.07 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

Tgt Ion:	78	Resp:	55585
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7

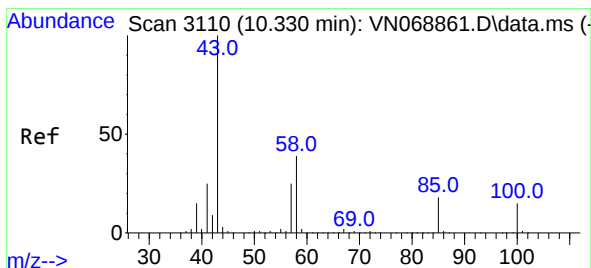
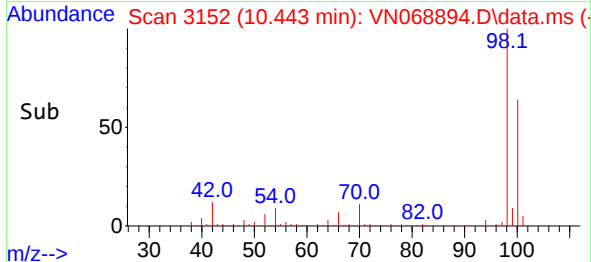
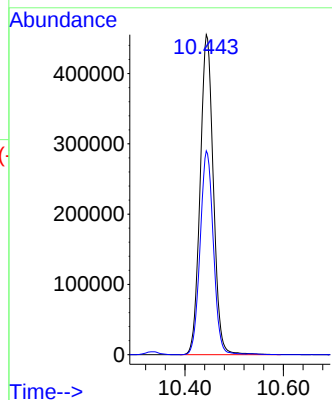
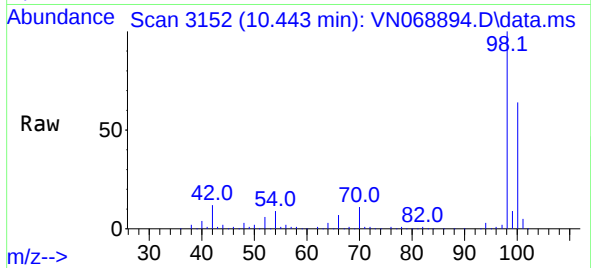




#50
Toluene-d8
Concen: 52.29 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

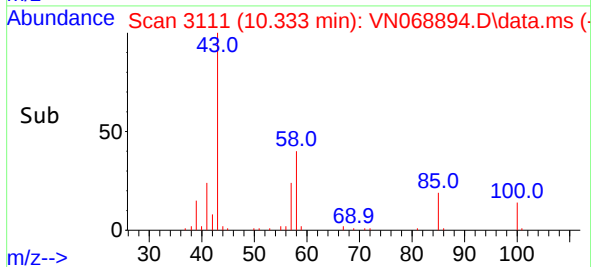
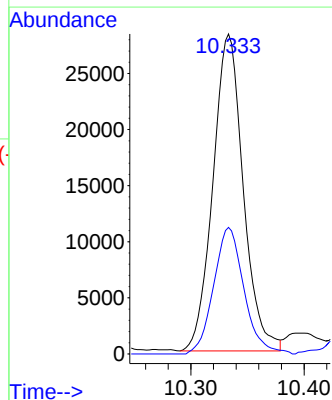
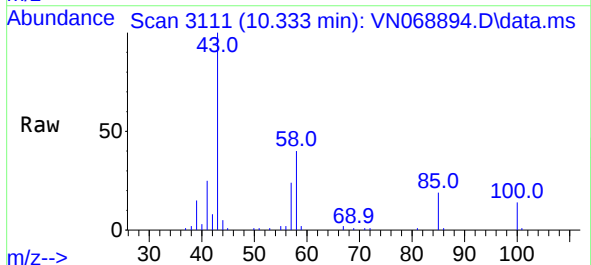
Instrument :
MSVOA_N
ClientSampled :
2087

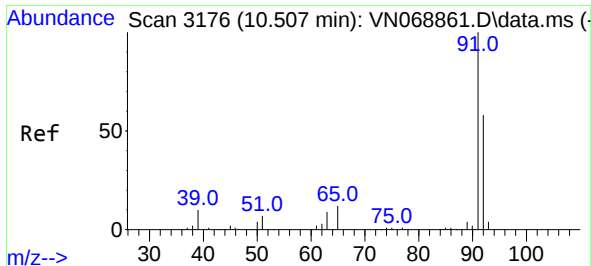
Tgt Ion: 98 Resp: 846494
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 8.37 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

Tgt Ion: 43 Resp: 52539
Ion Ratio Lower Upper
43 100
58 39.9 31.0 46.4

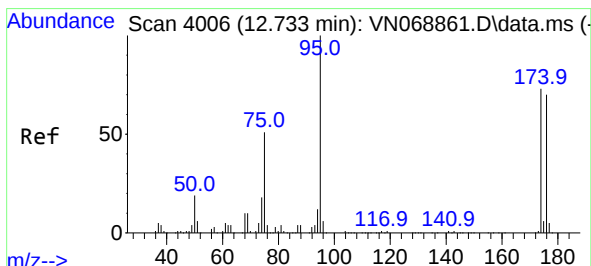
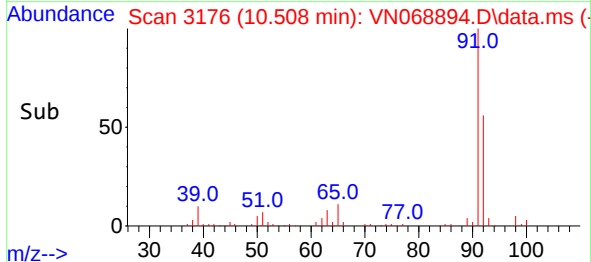
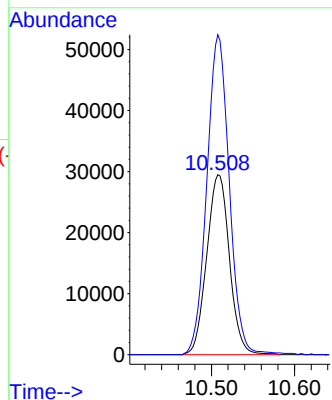
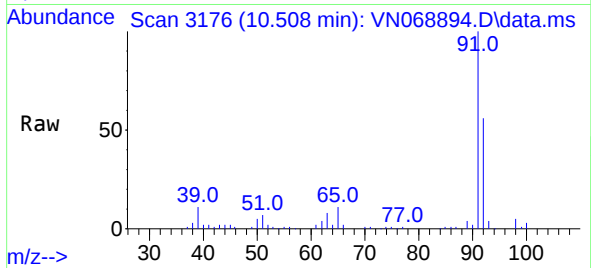




#52
Toluene
Concen: 4.81 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

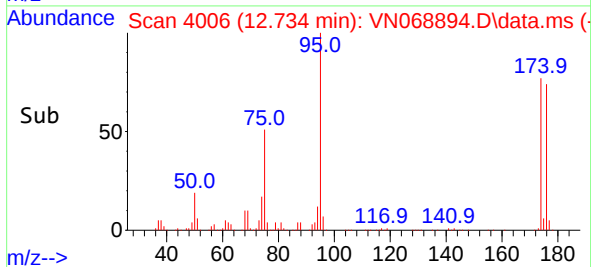
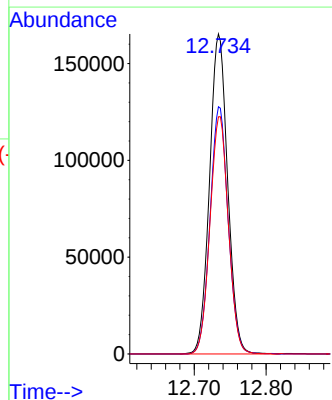
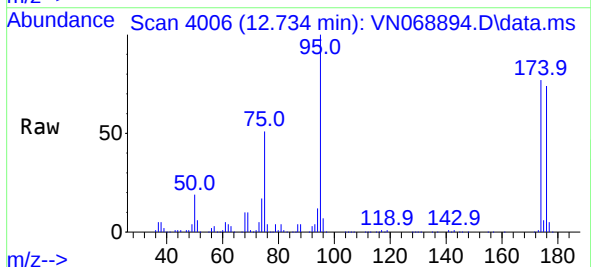
Instrument :
MSVOA_N
ClientSampled :
2087

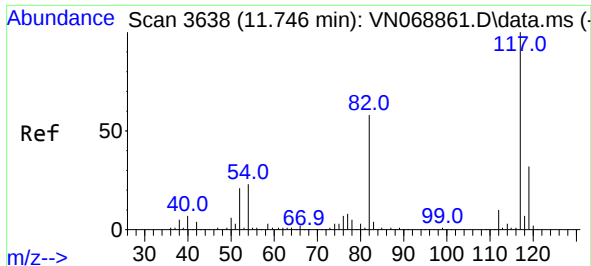
Tgt Ion: 92 Resp: 55968
Ion Ratio Lower Upper
92 100
91 175.7 138.5 207.7



#62
4-Bromofluorobenzene
Concen: 47.44 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

Tgt Ion: 95 Resp: 289758
Ion Ratio Lower Upper
95 100
174 77.1 0.0 144.8
176 75.0 0.0 140.0

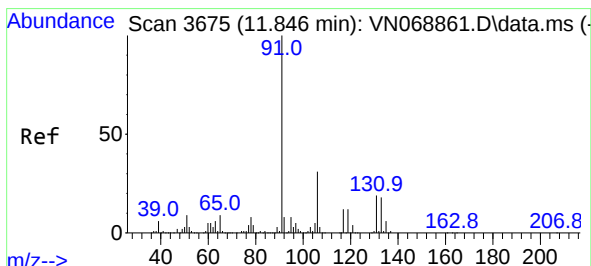
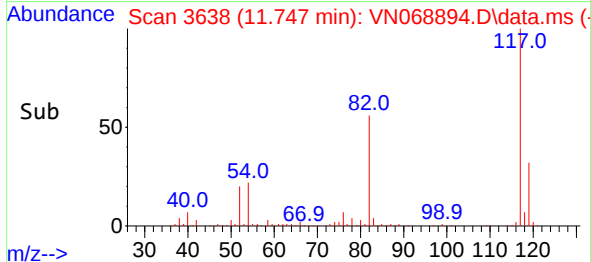
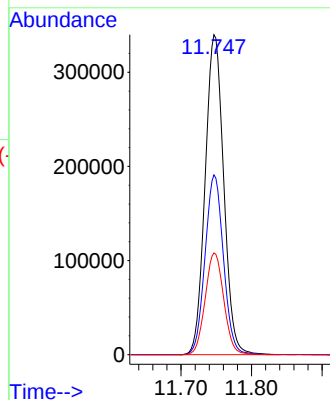
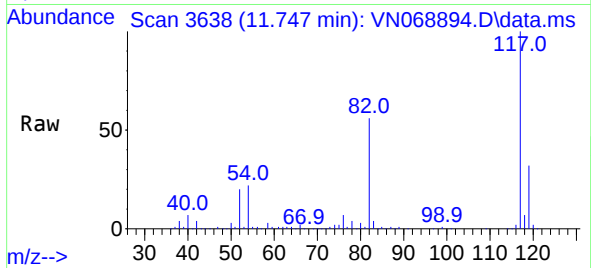




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

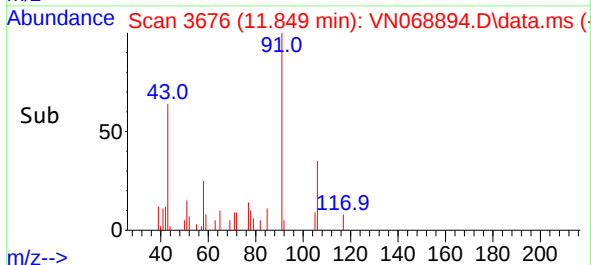
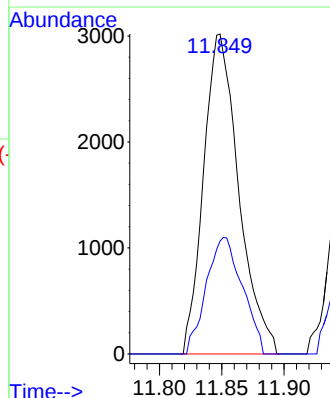
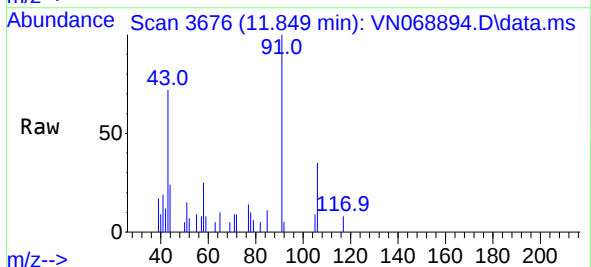
Instrument :
MSVOA_N
ClientSampled :
2087

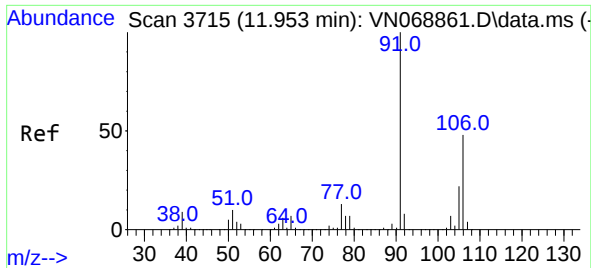
Tgt Ion:117 Resp: 621722
Ion Ratio Lower Upper
117 100
82 56.2 46.4 69.6
119 31.8 26.0 39.0



#67
Ethyl Benzene
Concen: 0.27 ug/l
RT: 11.849 min Scan# 3676
Delta R.T. 0.003 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

Tgt Ion: 91 Resp: 5928
Ion Ratio Lower Upper
91 100
106 35.2 24.8 37.2

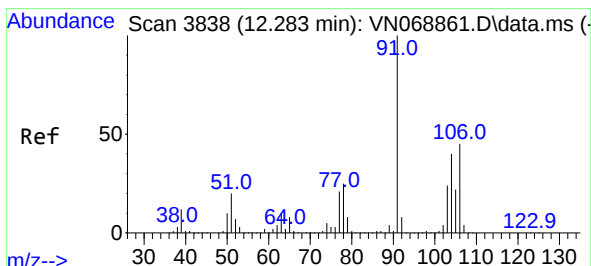
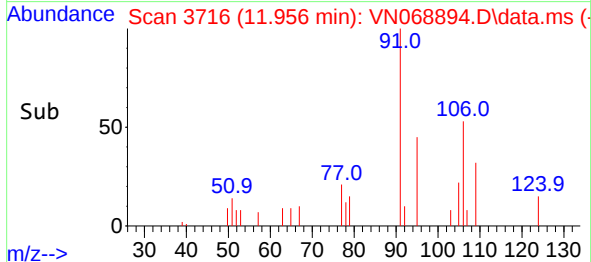
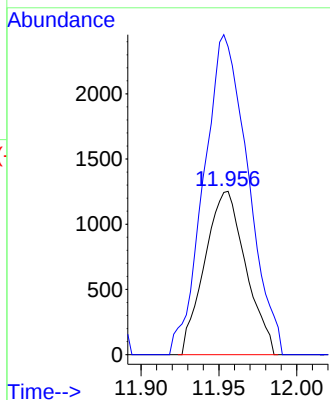
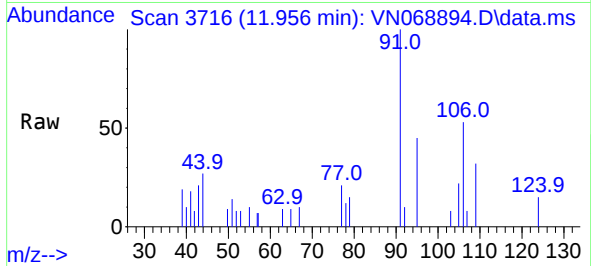




#68
m/p-Xylenes
Concen: 0.28 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

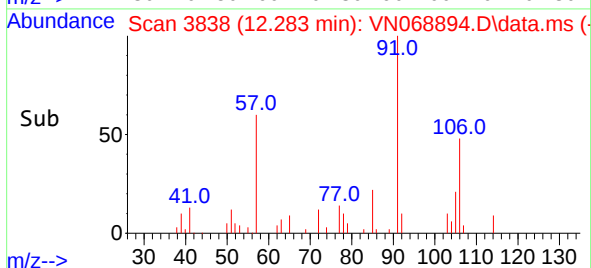
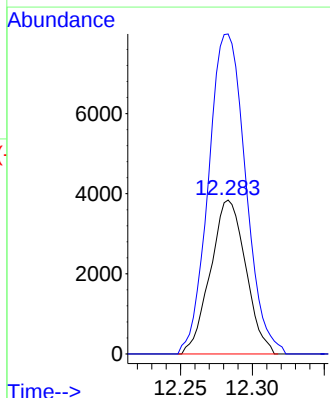
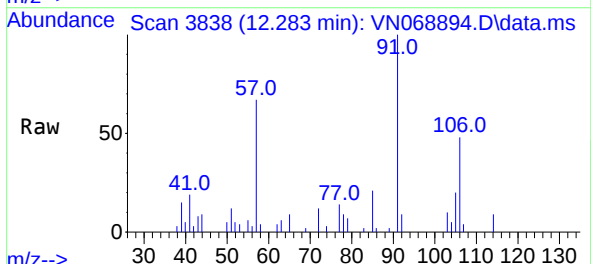
Instrument :
MSVOA_N
ClientSampled :
2087

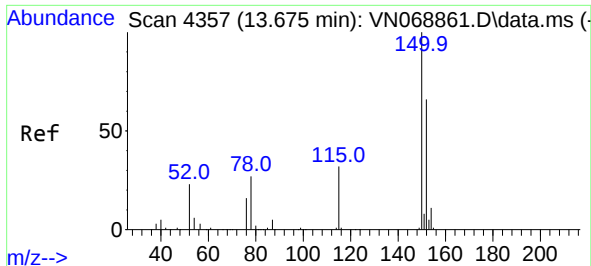
Tgt Ion:106 Resp: 2301
Ion Ratio Lower Upper
106 100
91 210.6 166.8 250.2



#69
o-Xylene
Concen: 0.79 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

Tgt Ion:106 Resp: 6553
Ion Ratio Lower Upper
106 100
91 218.8 109.6 328.6

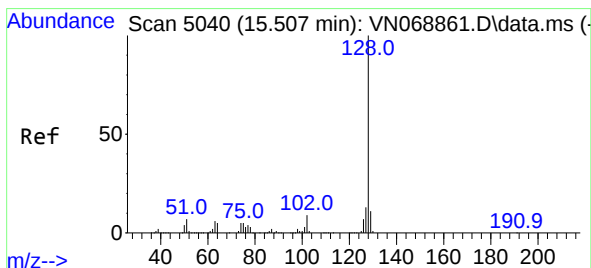
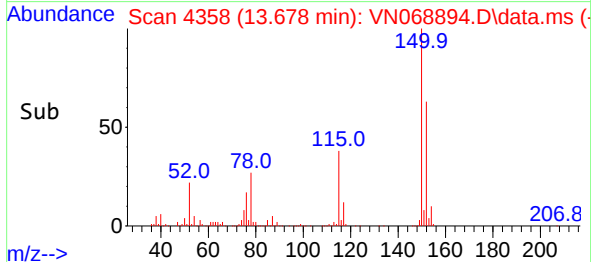
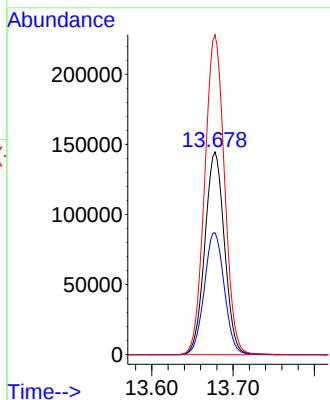
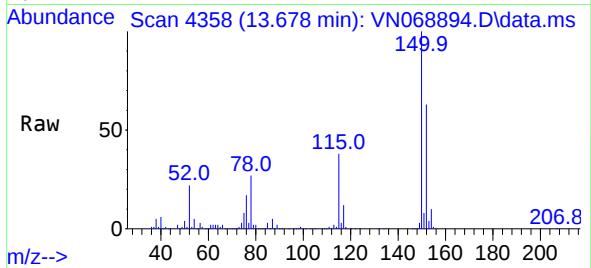




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

Instrument :
MSVOA_N
ClientSampled :
2087

Tgt Ion:152 Resp: 242982
Ion Ratio Lower Upper
152 100
115 61.4 31.4 94.3
150 159.3 0.0 351.0



#95
Naphthalene
Concen: 5.04 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068894.D
Acq: 13 Oct 2021 13:42

Tgt Ion:128 Resp: 15028
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 12.1 8.9 13.3

