

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068893.D
 Acq On : 13 Oct 2021 13:16
 Operator : JC/MD
 Sample : M4142-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2186-2187

Quant Time: Oct 14 06:41:25 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)

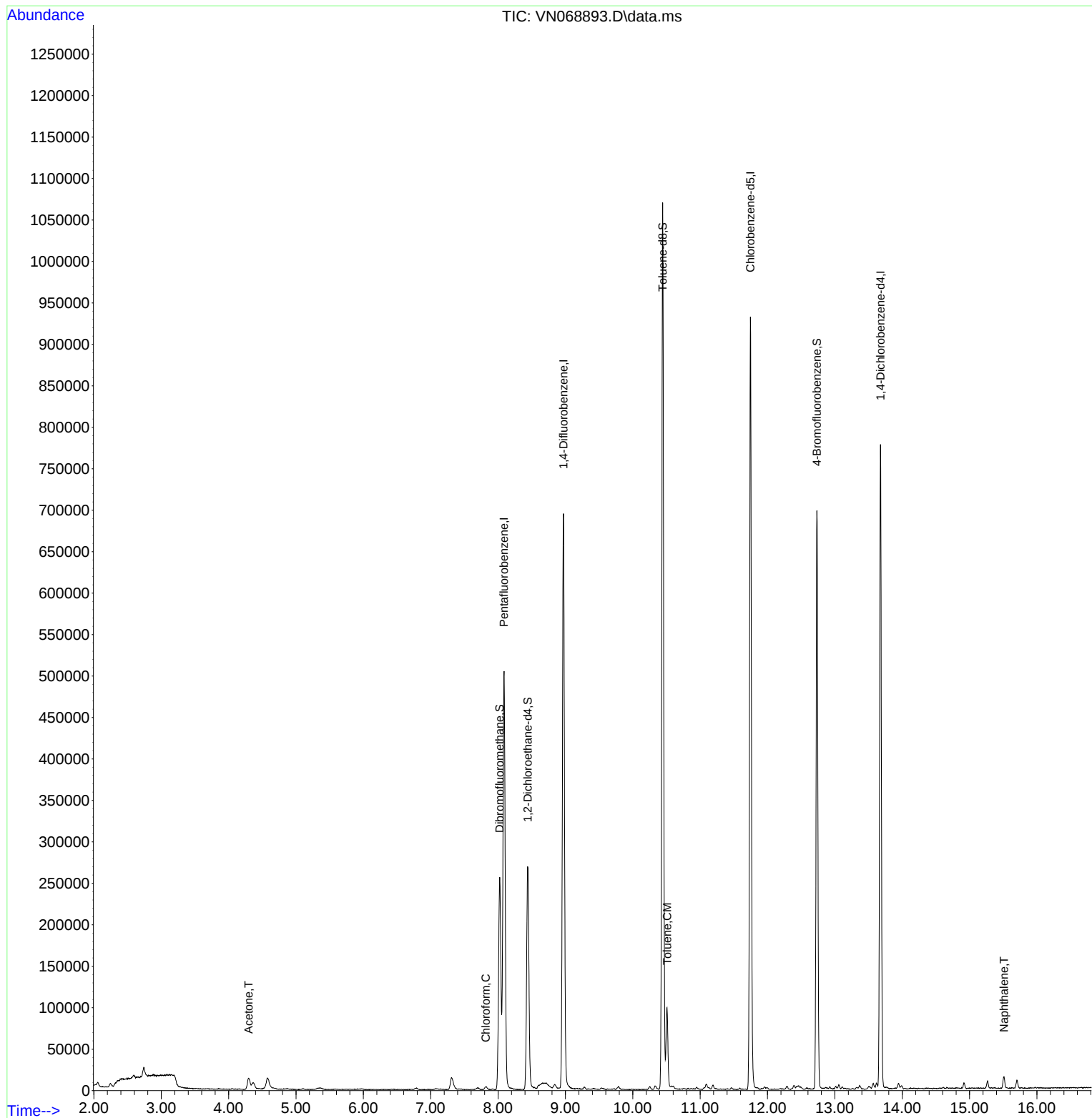
Internal Standards						
1) Pentafluorobenzene	8.088	168	396380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	640776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	562656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	215376	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	230955	44.19	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.38%
35) Dibromofluoromethane	8.024	113	190805	51.18	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.36%
50) Toluene-d8	10.443	98	769689	51.60	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.20%
62) 4-Bromofluorobenzene	12.733	95	254185	45.17	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.34%
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	25359	13.00	ug/l	95
30) Chloroform	7.817	83	3597	0.44	ug/l	88
52) Toluene	10.510	92	41438	3.86	ug/l	97
95) Naphthalene	15.512	128	14369	5.14	ug/l	97

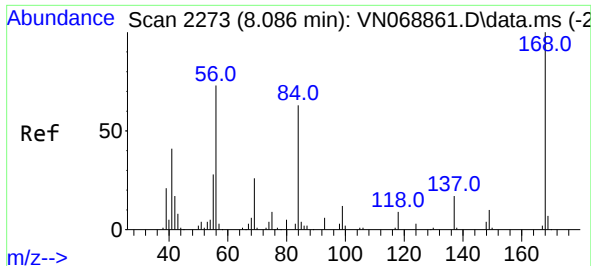
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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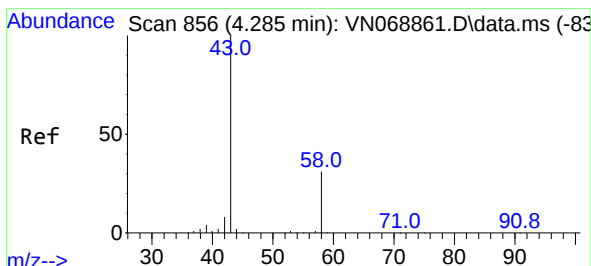
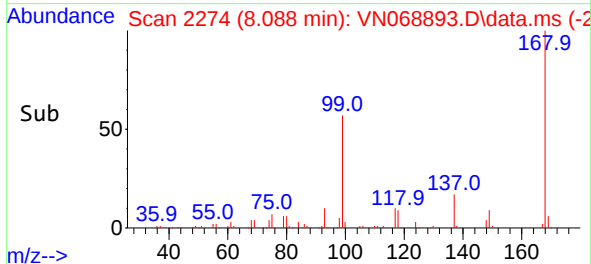
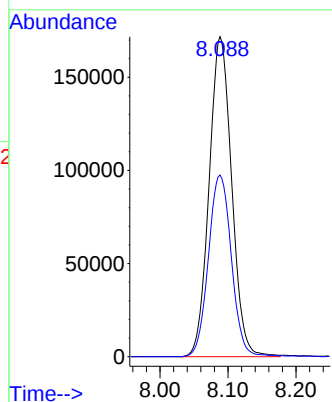
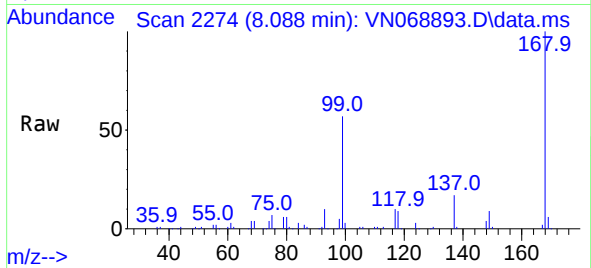




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068893.D
Acq: 13 Oct 2021 13:16

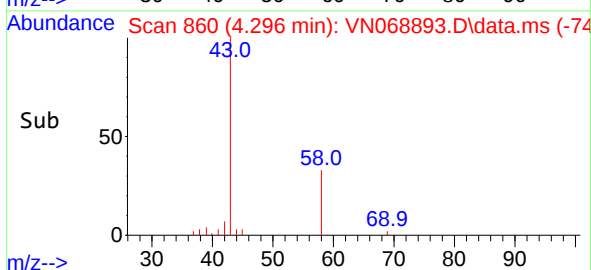
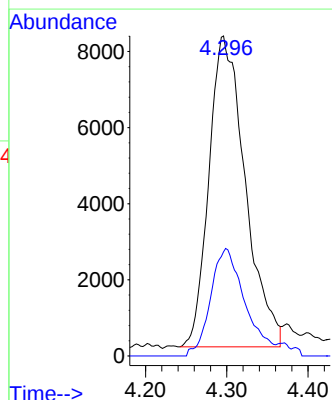
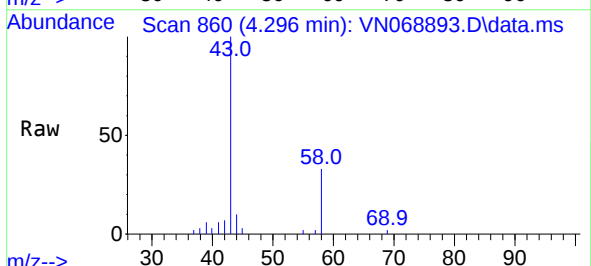
Instrument :
MSVOA_N
ClientSampled :
2186-2187

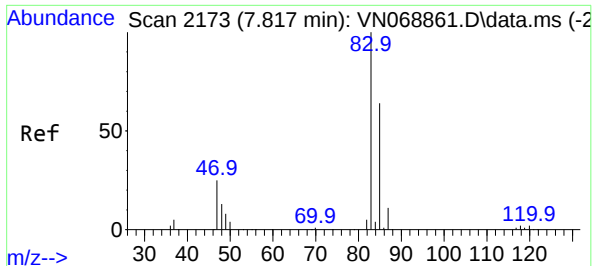
Tgt Ion:168 Resp: 396380
Ion Ratio Lower Upper
168 100
99 56.8 48.9 73.3



#16
Acetone
Concen: 13.00 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN068893.D
Acq: 13 Oct 2021 13:16

Tgt Ion: 43 Resp: 25359
Ion Ratio Lower Upper
43 100
58 33.5 24.5 36.7



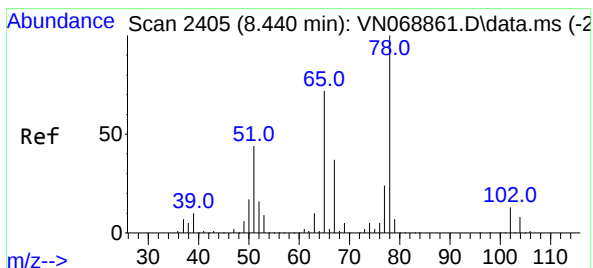
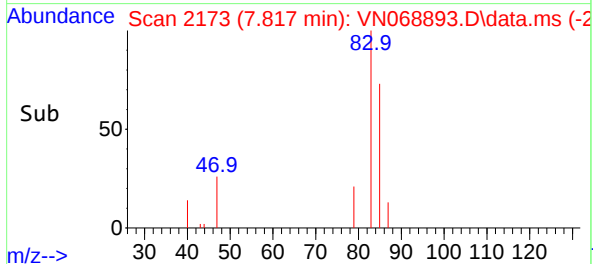
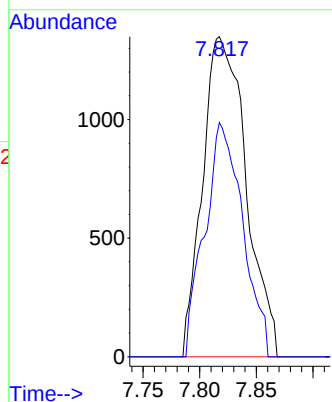
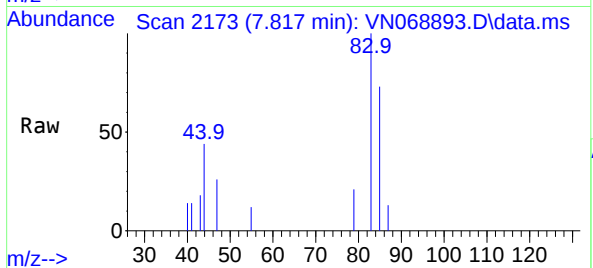


#30

Chloroform
 Concen: 0.44 ug/l
 RT: 7.817 min Scan# 2173
 Delta R.T. -0.000 min
 Lab File: VN068893.D
 Acq: 13 Oct 2021 13:16

Instrument :
 MSVOA_N
 ClientSampled :
 2186-2187

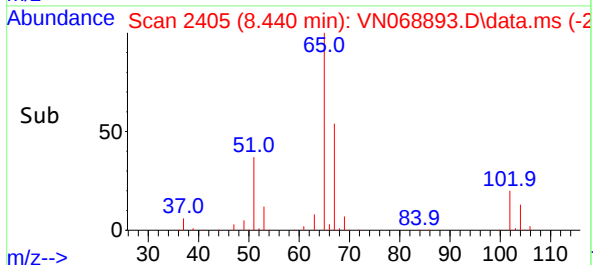
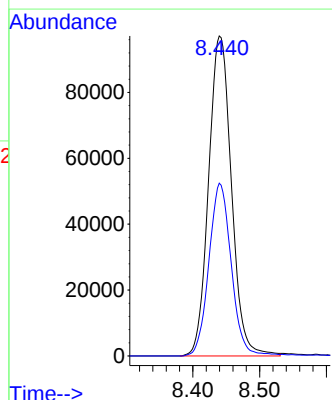
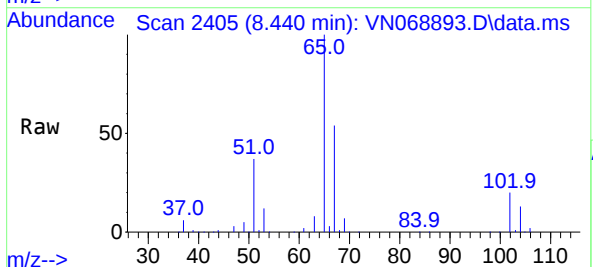
Tgt Ion: 83 Resp: 3597
 Ion Ratio Lower Upper
 83 100
 85 73.2 51.1 76.7



#33

1,2-Dichloroethane-d4
 Concen: 44.19 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068893.D
 Acq: 13 Oct 2021 13:16

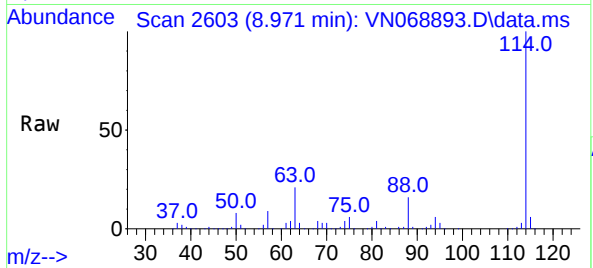
Tgt Ion: 65 Resp: 230955
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.8



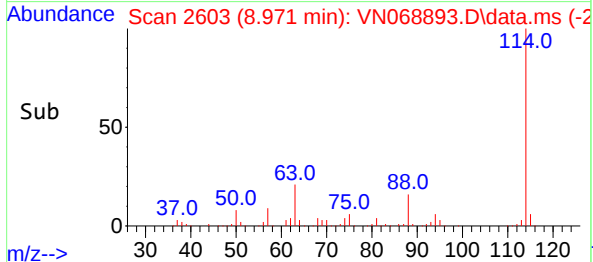
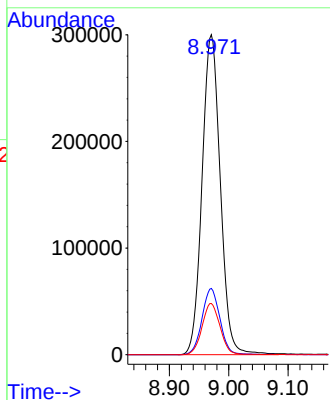


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068893.D
Acq: 13 Oct 2021 13:16

Instrument :
MSVOA_N
ClientSampleId :
2186-2187

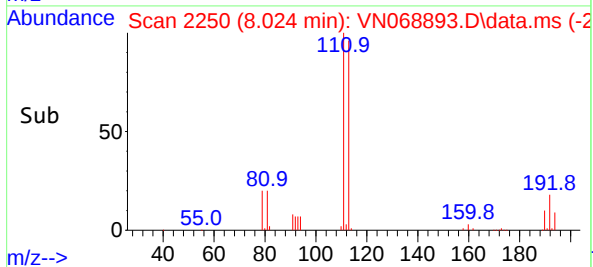
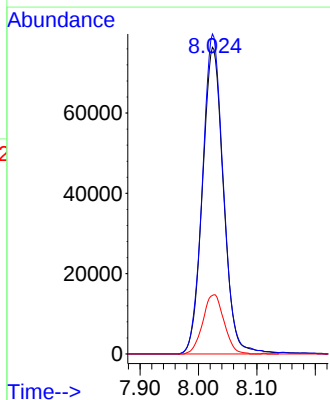
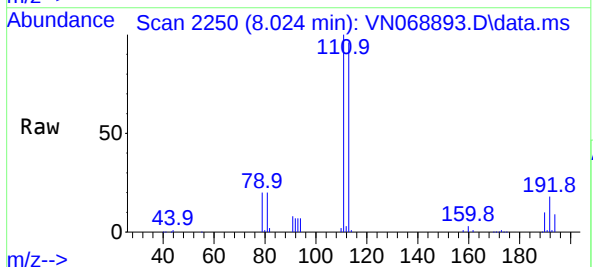


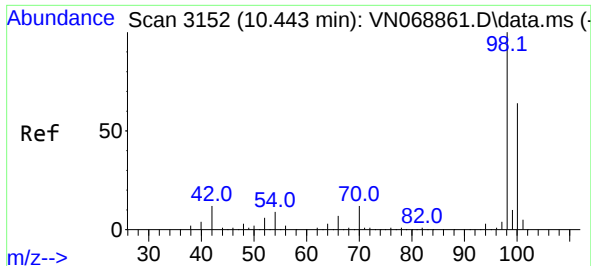
Tgt Ion:114 Resp: 640776
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.18 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068893.D
Acq: 13 Oct 2021 13:16

Tgt Ion:113 Resp: 190805
Ion Ratio Lower Upper
113 100
111 103.7 83.2 124.8
192 19.5 15.0 22.4

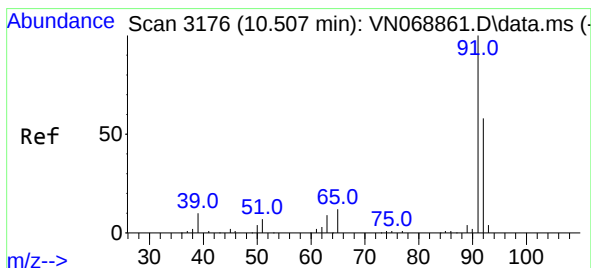
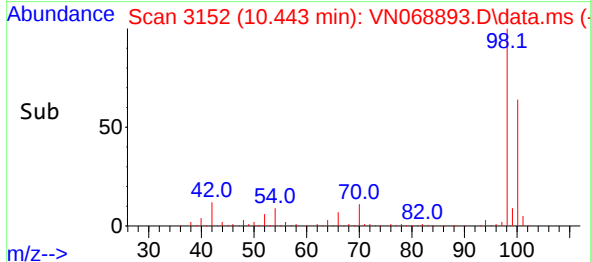
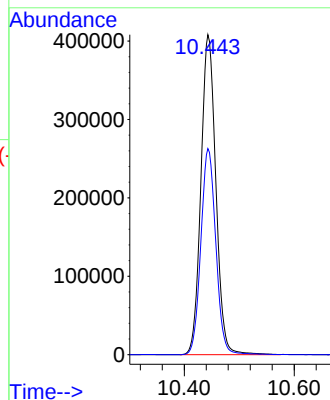
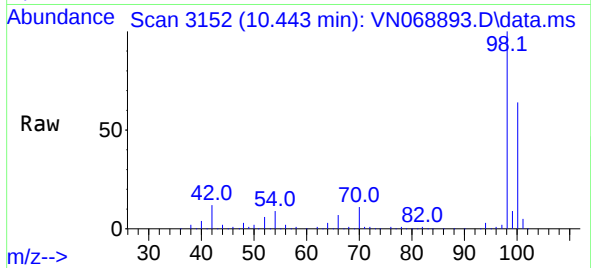




#50
Toluene-d8
Concen: 51.60 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068893.D
Acq: 13 Oct 2021 13:16

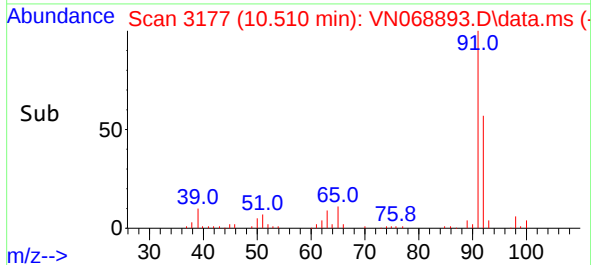
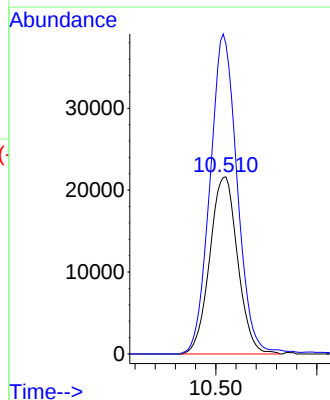
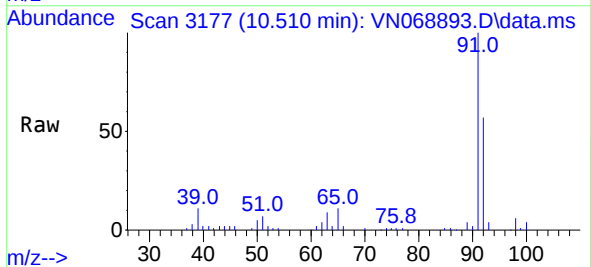
Instrument :
MSVOA_N
ClientSampled :
2186-2187

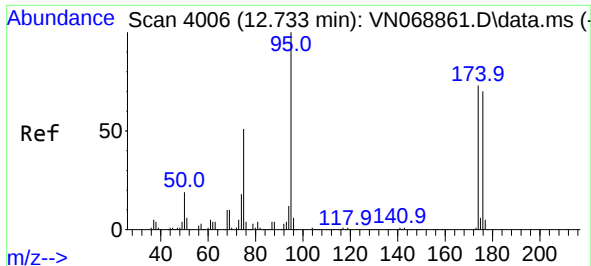
Tgt Ion: 98 Resp: 769689
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#52
Toluene
Concen: 3.86 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VN068893.D
Acq: 13 Oct 2021 13:16

Tgt Ion: 92 Resp: 41438
Ion Ratio Lower Upper
92 100
91 176.7 138.5 207.7

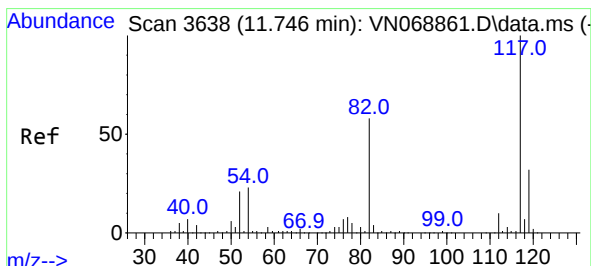
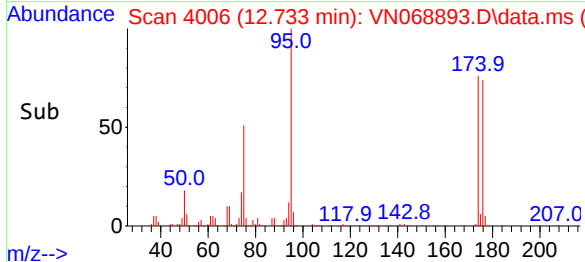
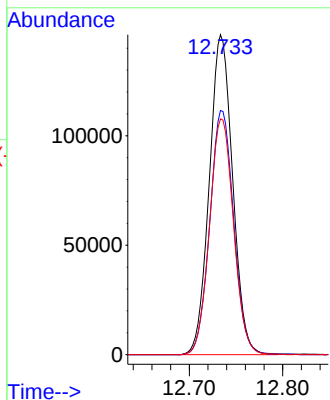
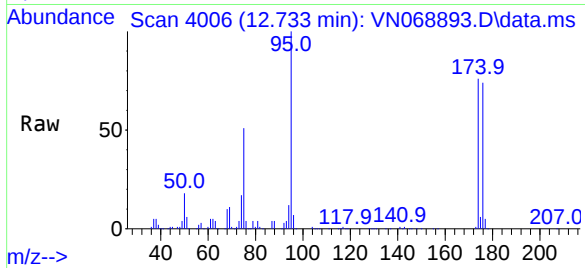




#62
4-Bromofluorobenzene
Concen: 45.17 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068893.D
Acq: 13 Oct 2021 13:16

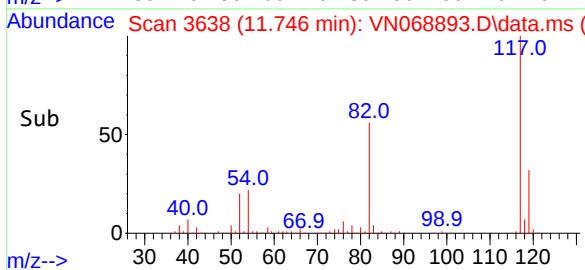
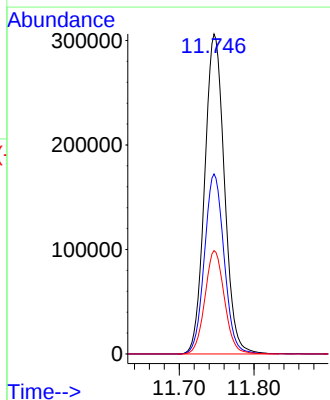
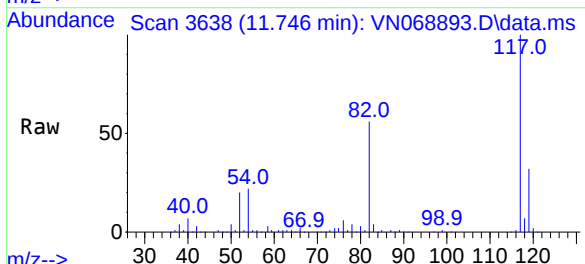
Instrument :
MSVOA_N
ClientSampleId :
2186-2187

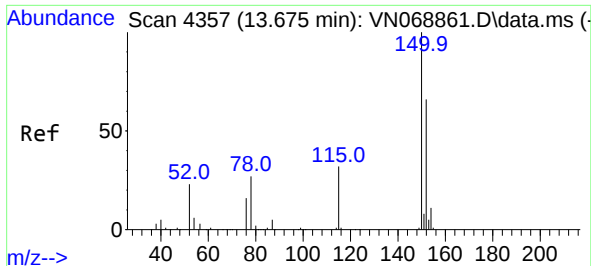
Tgt Ion:	95	Resp:	254185
Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	144.8
176	75.8	0.0	140.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068893.D
Acq: 13 Oct 2021 13:16

Tgt Ion:	117	Resp:	562656
Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.4	69.6
119	32.3	26.0	39.0

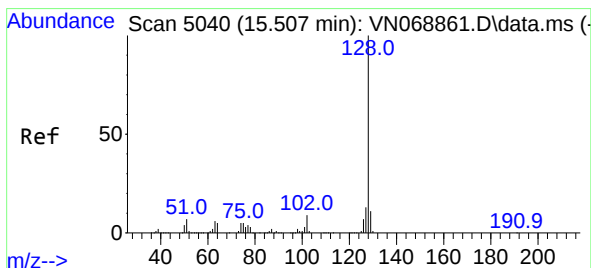
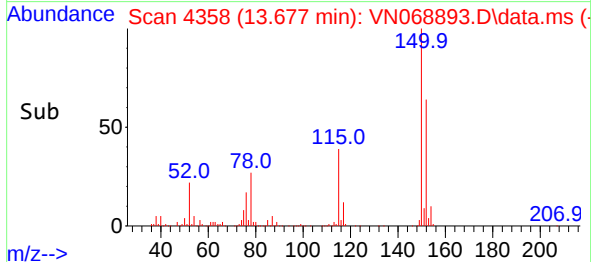
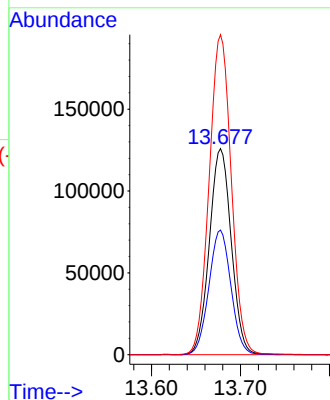
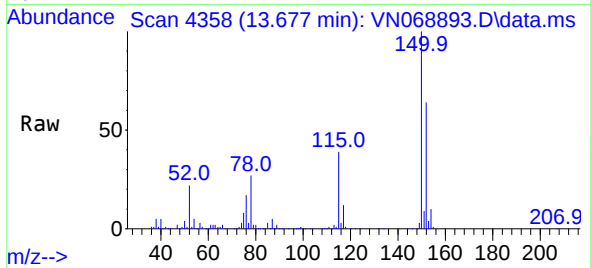




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068893.D
Acq: 13 Oct 2021 13:16

Instrument :
MSVOA_N
ClientSampled :
2186-2187

Tgt Ion:152 Resp: 215376
Ion Ratio Lower Upper
152 100
115 60.9 31.4 94.3
150 156.7 0.0 351.0



#95
Naphthalene
Concen: 5.14 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068893.D
Acq: 13 Oct 2021 13:16

Tgt Ion:128 Resp: 14369
Ion Ratio Lower Upper
128 100
127 12.2 10.5 15.7
129 9.7 8.9 13.3

