

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066891.D
 Acq On : 30 Apr 2021 3:41
 Operator : JC/MD
 Sample : M2223-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EVAPORATOR

Quant Time: Apr 30 06:33:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

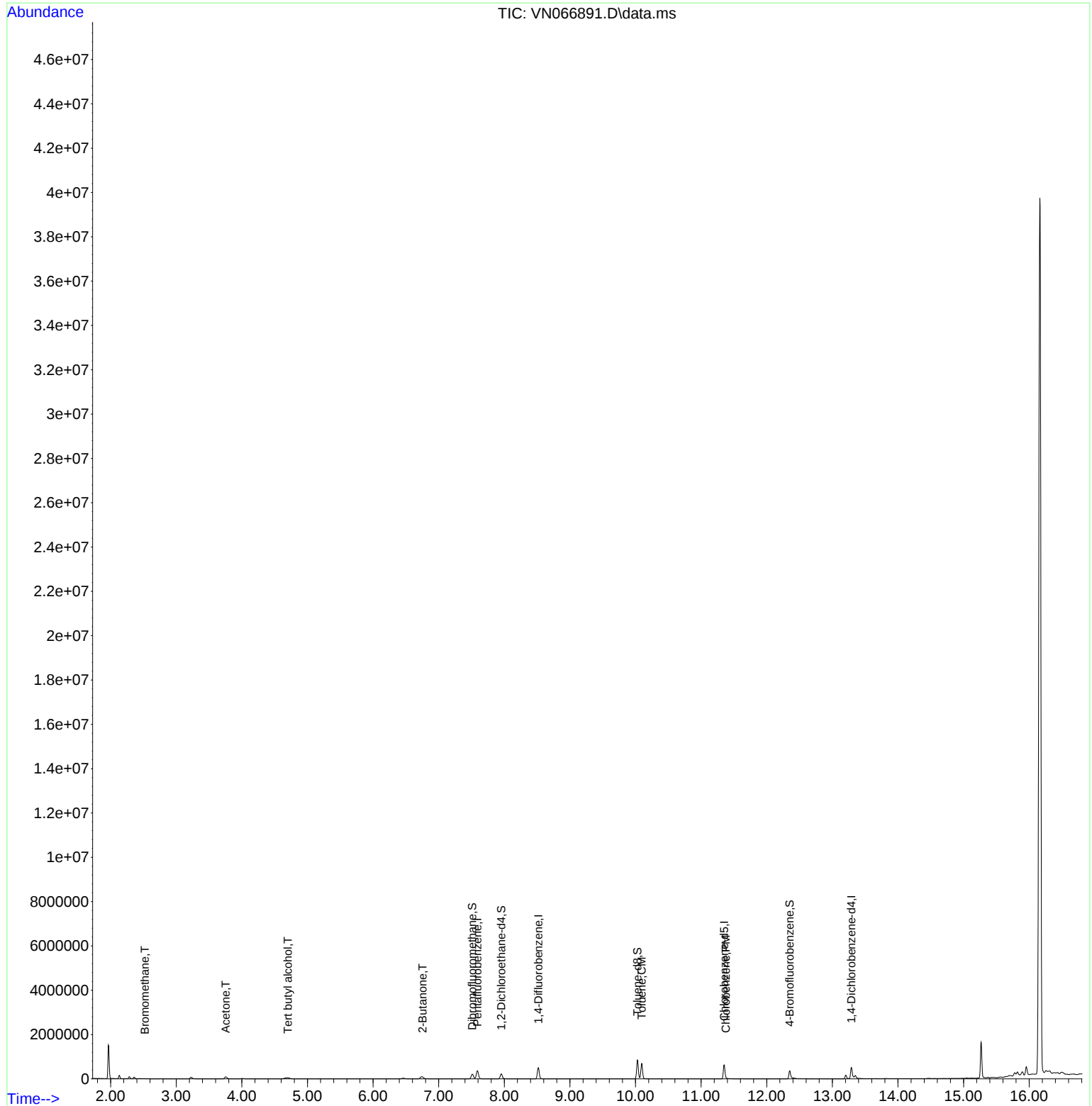
Internal Standards						
1) Pentafluorobenzene	7.591	168	326639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	484621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	424572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	202309	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	188822	44.99	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.98%
35) Dibromofluoromethane	7.513	113	167512	56.00	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	112.00%
50) Toluene-d8	10.029	98	608995	51.86	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.72%
62) 4-Bromofluorobenzene	12.349	95	178373	44.90	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.80%
Target Compounds						
					Qvalue	
5) Bromomethane	2.522	94	1426	0.48	ug/l	91
11) Tert butyl alcohol	4.702	59	111455	172.22	ug/l #	83
16) Acetone	3.753	43	151876	95.92	ug/l	94
25) 2-Butanone	6.754	43	24396	10.96	ug/l #	89
52) Toluene	10.096	92	324955	38.65	ug/l	98
65) Chlorobenzene	11.375	112	3893	0.46	ug/l	95

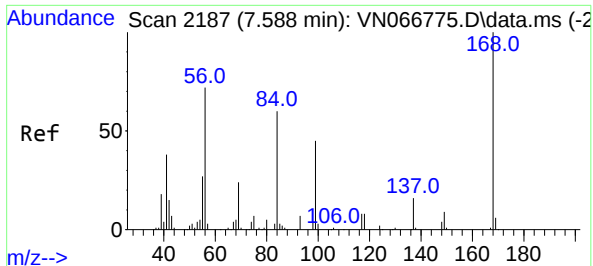
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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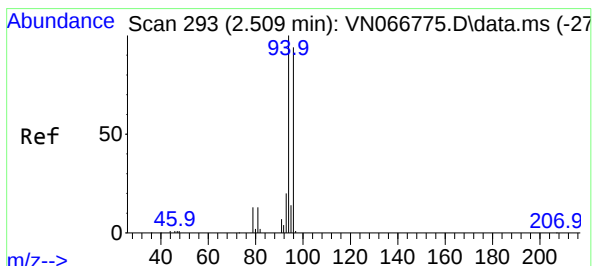
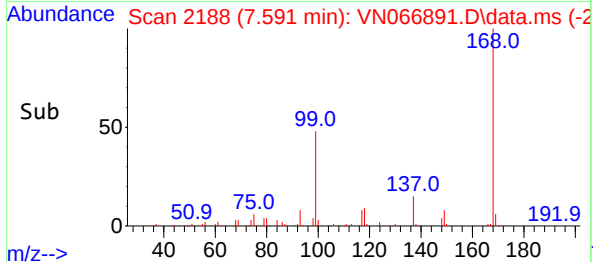
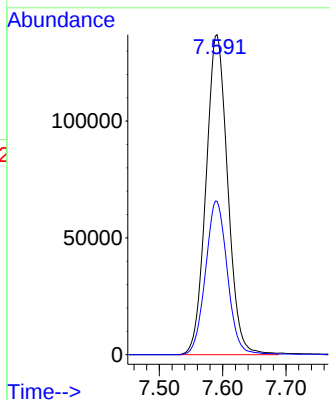
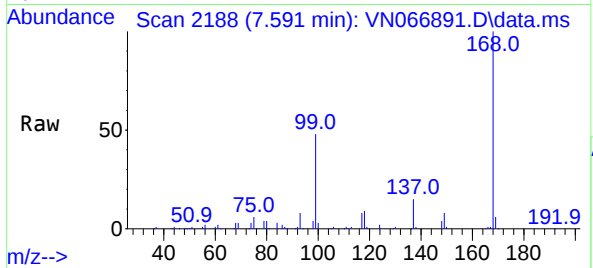




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066891.D
Acq: 30 Apr 2021 3:41

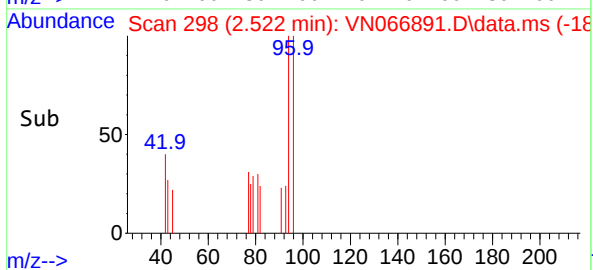
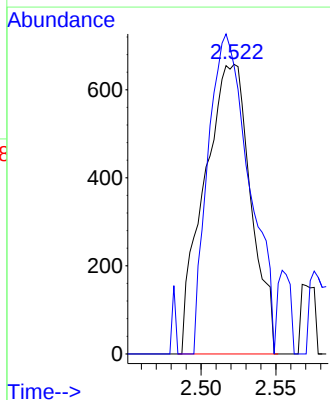
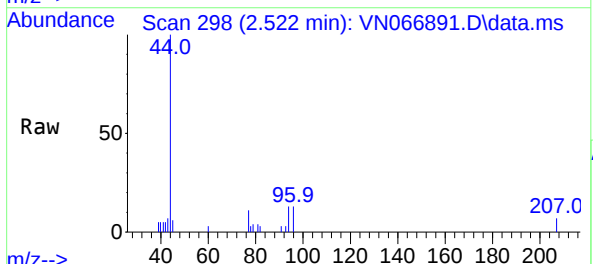
Instrument :
MSVOA_N
ClientSampleId :
EVAPORATOR

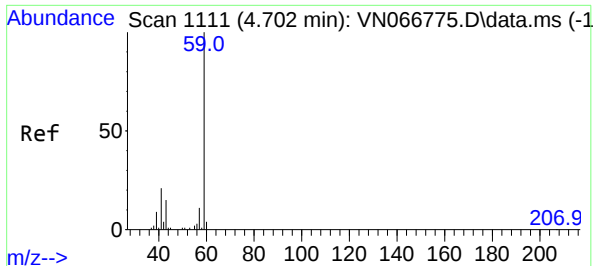
Tgt Ion:168 Resp: 326639
Ion Ratio Lower Upper
168 100
99 48.0 42.6 63.8



#5
Bromomethane
Concen: 0.48 ug/l
RT: 2.522 min Scan# 298
Delta R.T. 0.013 min
Lab File: VN066891.D
Acq: 30 Apr 2021 3:41

Tgt Ion: 94 Resp: 1426
Ion Ratio Lower Upper
94 100
96 99.5 73.0 109.4

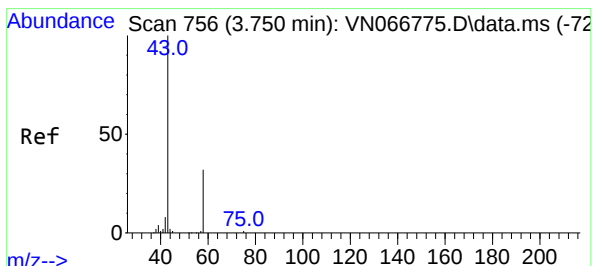
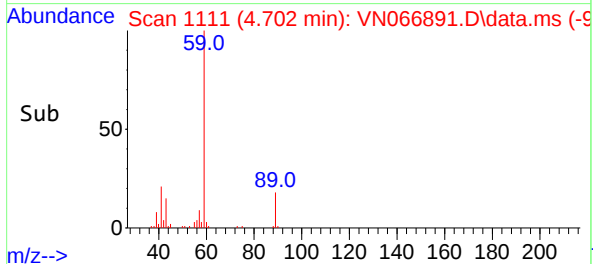
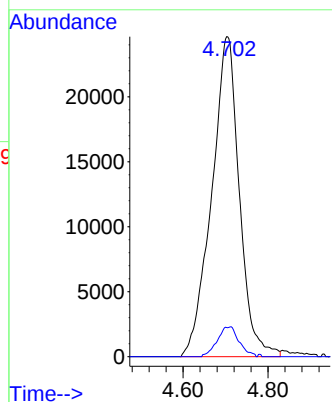
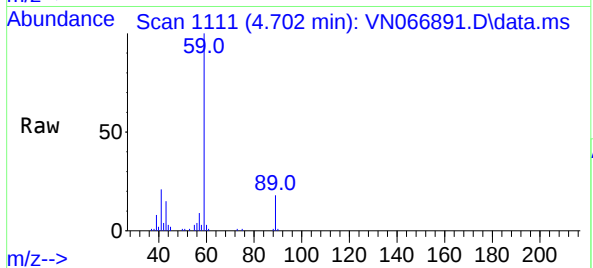




#11
Tert butyl alcohol
Concen: 172.22 ug/l
RT: 4.702 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN066891.D
Acq: 30 Apr 2021 3:41

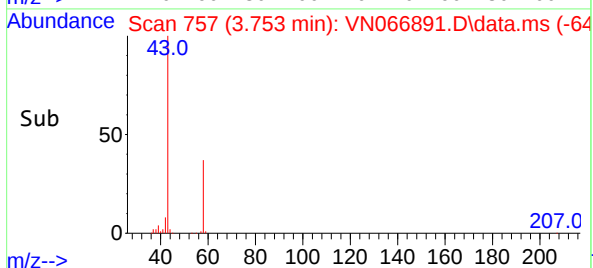
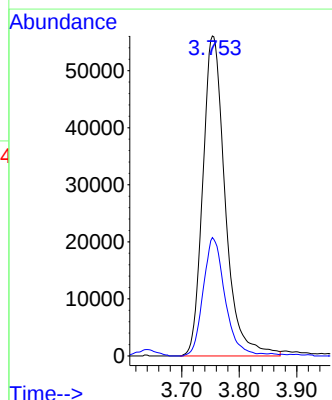
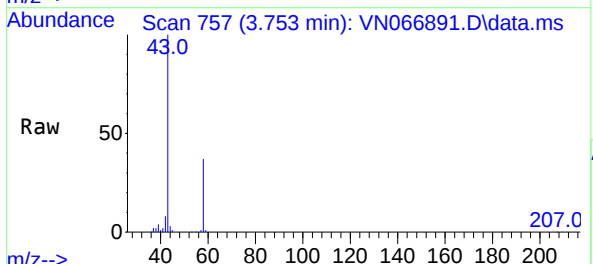
Instrument :
MSVOA_N
ClientSampleId :
EVAPORATOR

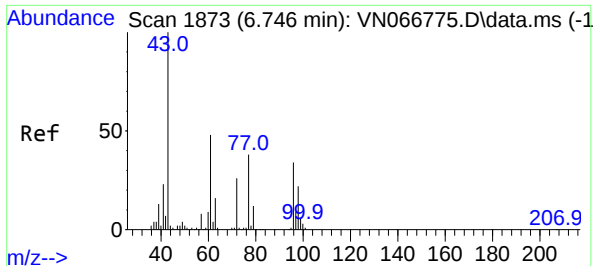
Tgt Ion: 59 Resp: 111455
Ion Ratio Lower Upper
59 100
57 3.7 8.0 12.0#



#16
Acetone
Concen: 95.92 ug/l
RT: 3.753 min Scan# 757
Delta R.T. 0.003 min
Lab File: VN066891.D
Acq: 30 Apr 2021 3:41

Tgt Ion: 43 Resp: 151876
Ion Ratio Lower Upper
43 100
58 37.0 27.0 40.6

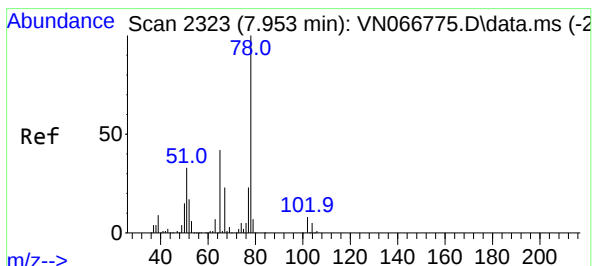
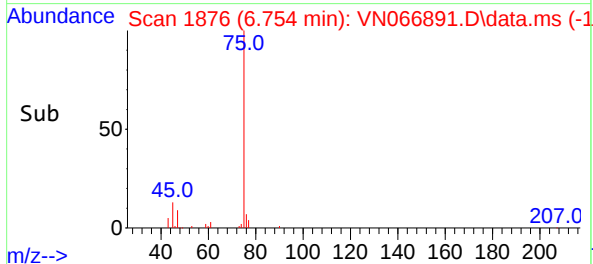
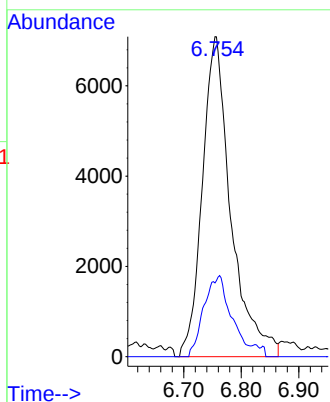
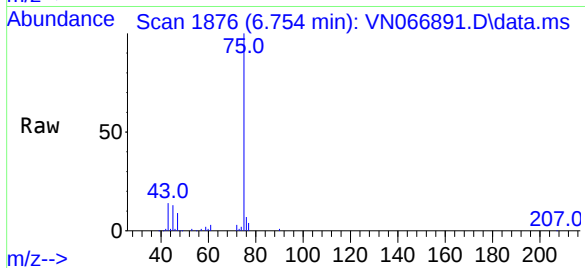




#25
2-Butanone
Concen: 10.96 ug/l
RT: 6.754 min Scan# 1876
Delta R.T. 0.008 min
Lab File: VN066891.D
Acq: 30 Apr 2021 3:41

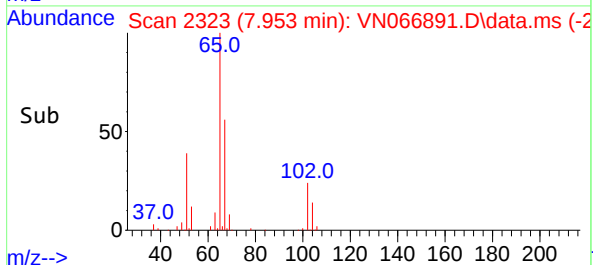
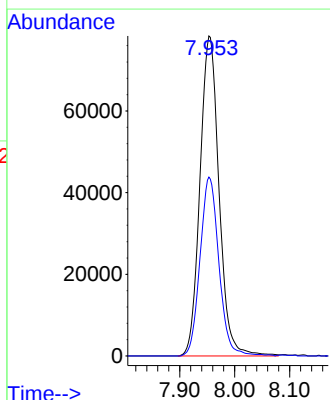
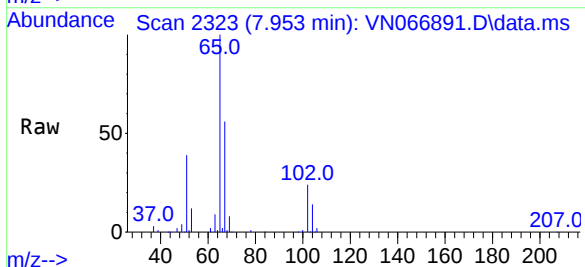
Instrument :
MSVOA_N
ClientSampled :
EVAPORATOR

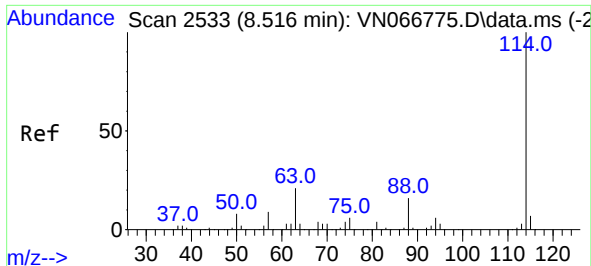
Tgt Ion: 43 Resp: 24396
Ion Ratio Lower Upper
43 100
72 23.0 23.1 34.7#



#33
1,2-Dichloroethane-d4
Concen: 44.99 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066891.D
Acq: 30 Apr 2021 3:41

Tgt Ion: 65 Resp: 188822
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.2

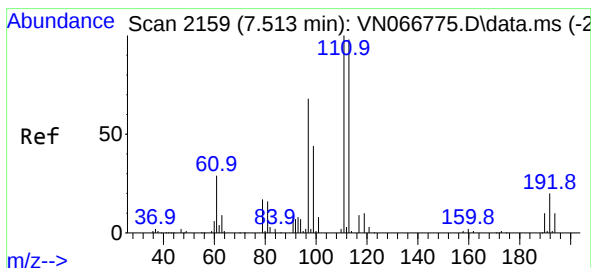
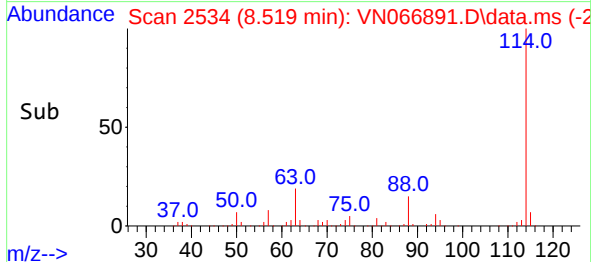
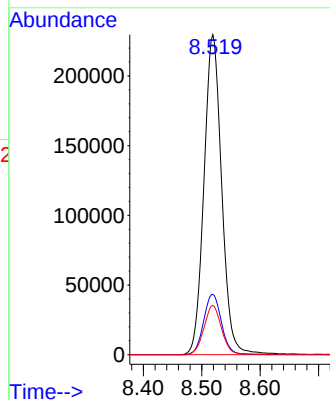
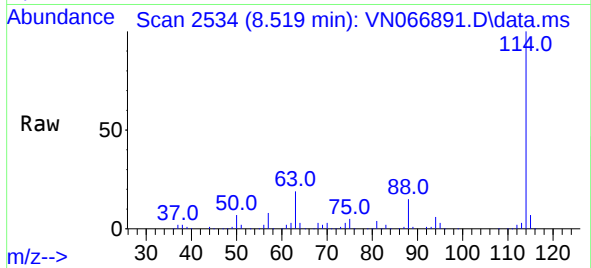




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066891.D
Acq: 30 Apr 2021 3:41

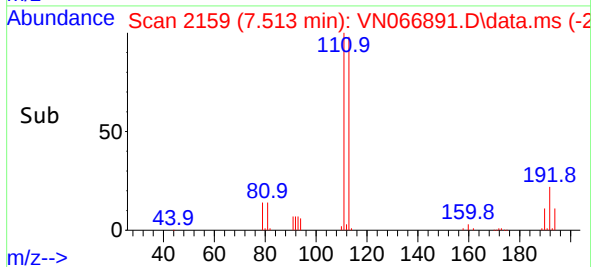
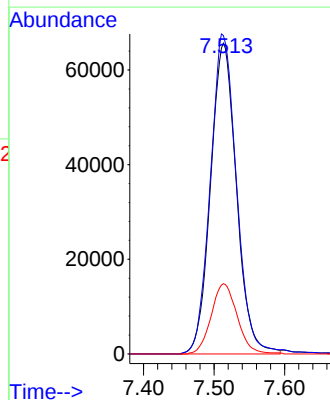
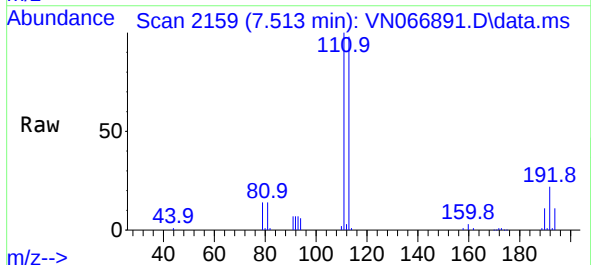
Instrument :
MSVOA_N
ClientSampleId :
EVAPORATOR

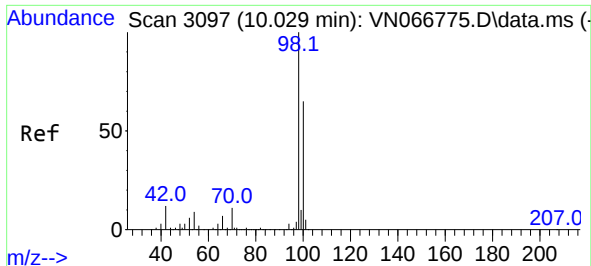
Tgt Ion:114 Resp: 484621
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.6
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.00 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066891.D
Acq: 30 Apr 2021 3:41

Tgt Ion:113 Resp: 167512
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 22.8 15.4 23.0

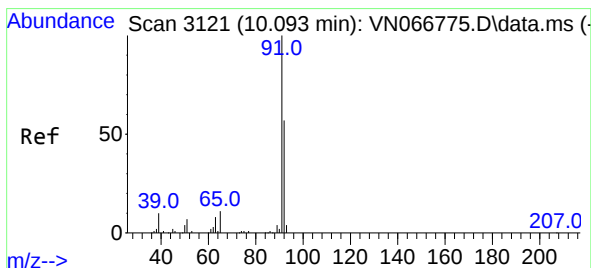
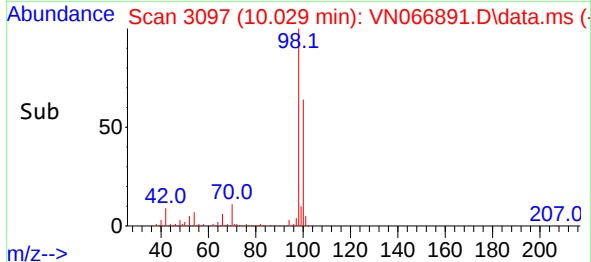
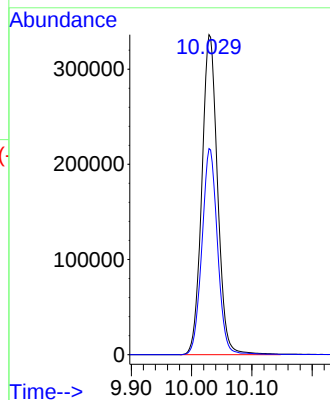
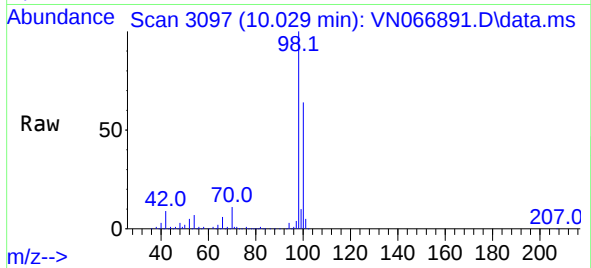




#50
Toluene-d8
Concen: 51.86 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066891.D
Acq: 30 Apr 2021 3:41

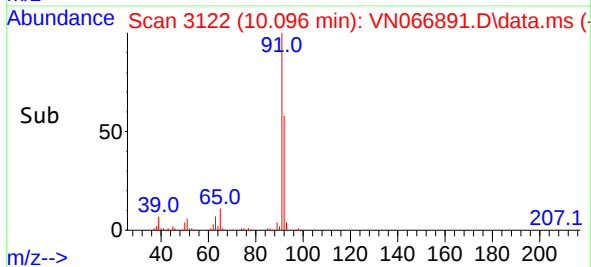
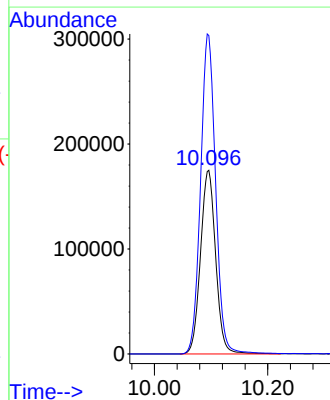
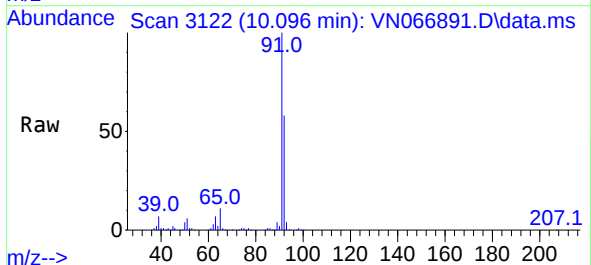
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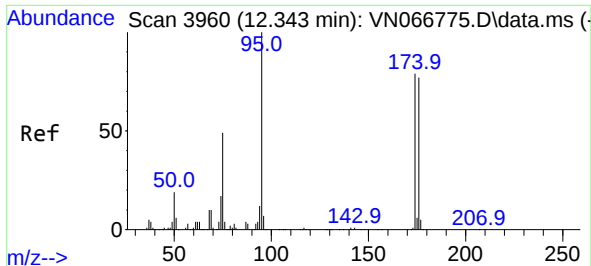
Tgt Ion: 98 Resp: 608995
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7



#52
Toluene
Concen: 38.65 ug/l
RT: 10.096 min Scan# 3122
Delta R.T. 0.003 min
Lab File: VN066891.D
Acq: 30 Apr 2021 3:41

Tgt Ion: 92 Resp: 324955
Ion Ratio Lower Upper
92 100
91 173.0 140.7 211.1



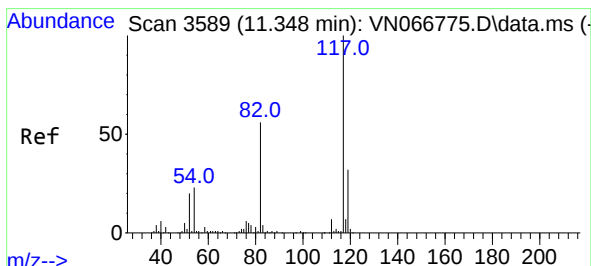
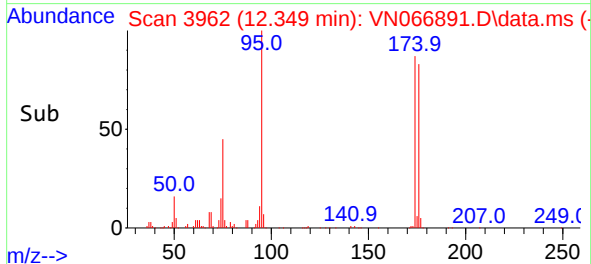
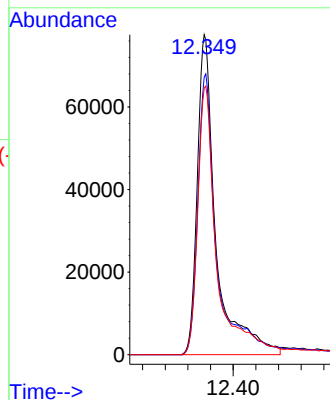
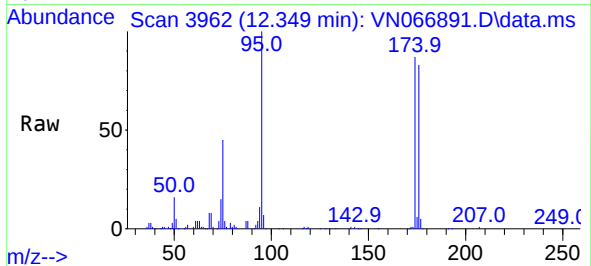


#62
4-Bromofluorobenzene
Concen: 44.90 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066891.D
Acq: 30 Apr 2021 3:41

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 95 Resp: 178373

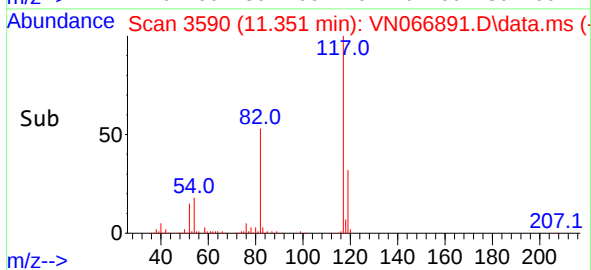
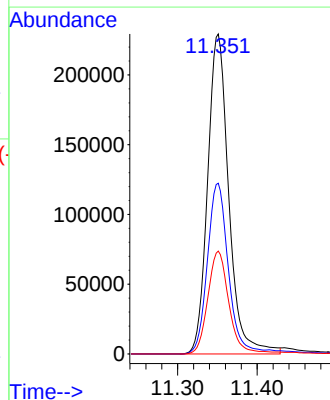
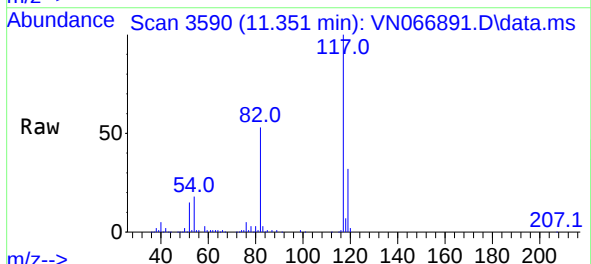
Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	169.0
176	85.4	0.0	162.4

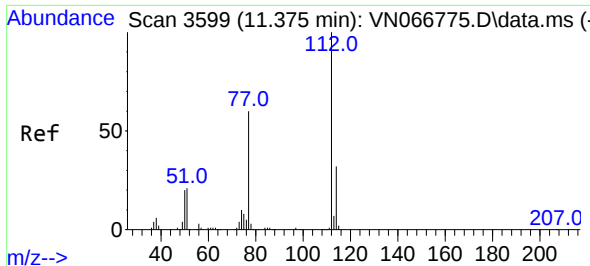


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066891.D
Acq: 30 Apr 2021 3:41

Tgt Ion: 117 Resp: 424572

Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.7	65.5
119	32.1	26.1	39.1

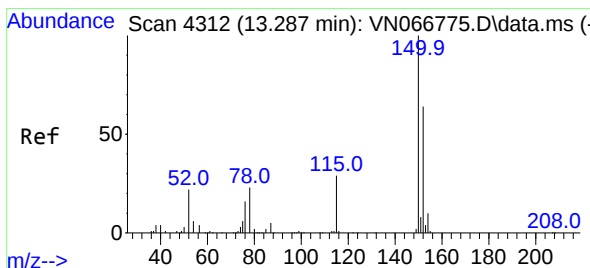
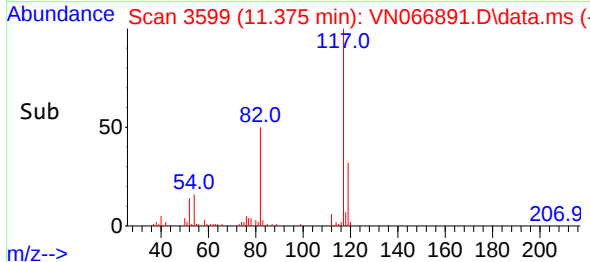
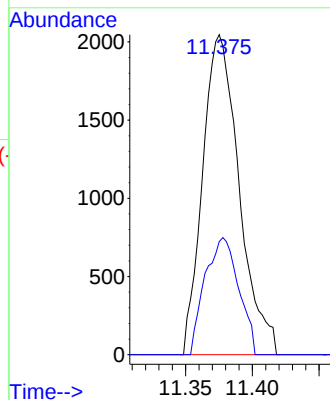
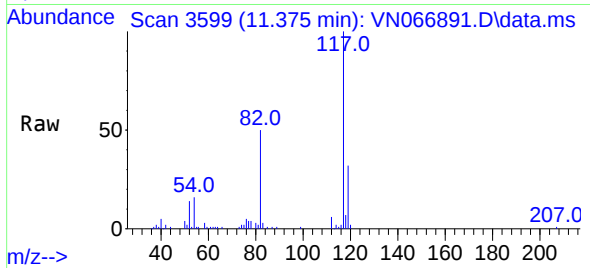




#65
Chlorobenzene
Concen: 0.46 ug/l
RT: 11.375 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN066891.D
Acq: 30 Apr 2021 3:41

Instrument :
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Tgt Ion:112 Resp: 3893
Ion Ratio Lower Upper
112 100
114 35.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VN066891.D
Acq: 30 Apr 2021 3:41

Tgt Ion:152 Resp: 202309
Ion Ratio Lower Upper
152 100
115 52.7 28.5 85.6
150 158.0 0.0 347.6

