

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066383.D
 Acq On : 29 Mar 2021 17:45
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 30 01:38:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

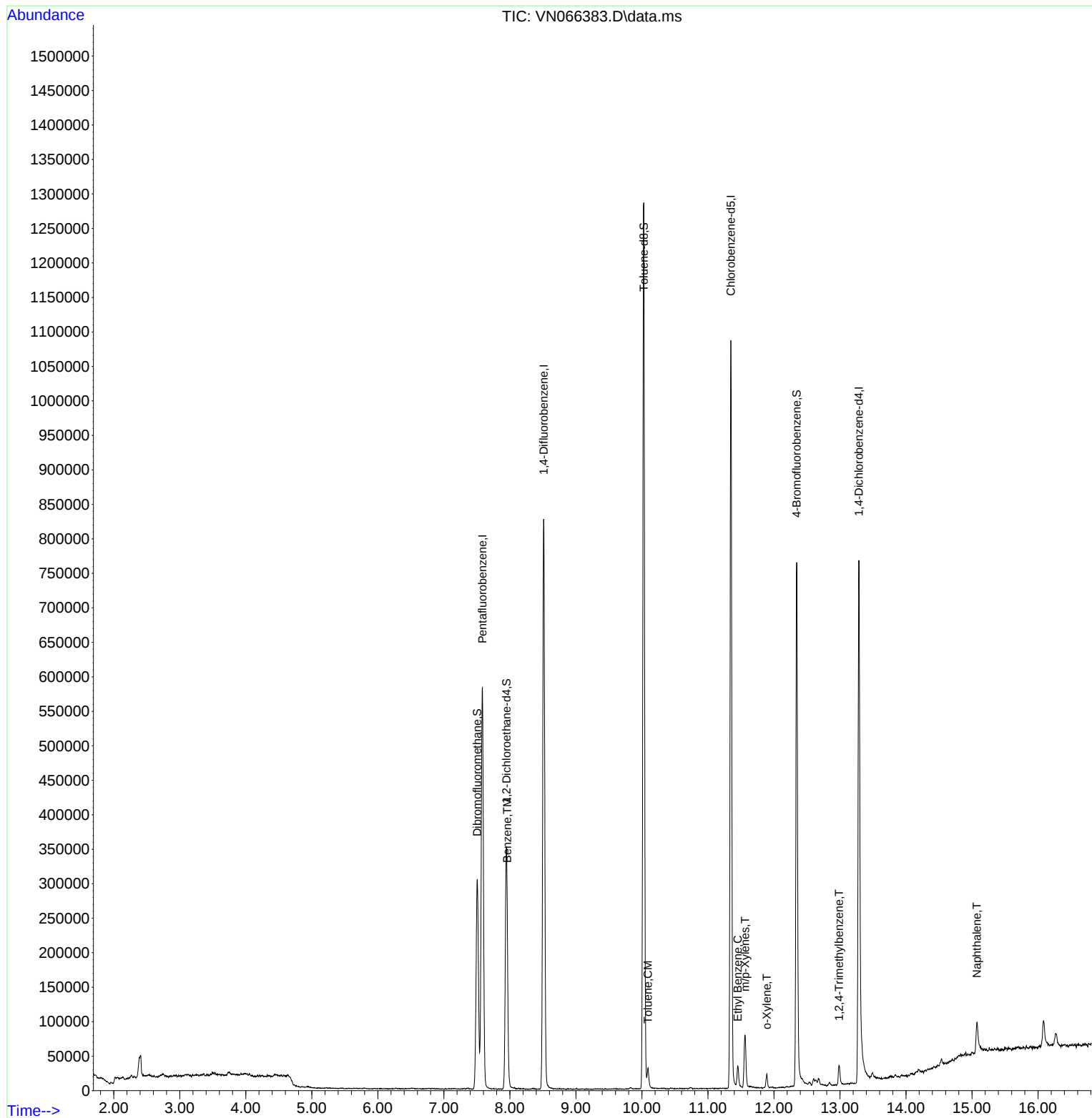
Internal Standards						
1) Pentafluorobenzene	7.584	168	503582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	743300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	631733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	248999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	290819	43.44	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	86.88%	
35) Dibromofluoromethane	7.504	113	230262	46.73	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.46%	
50) Toluene-d8	10.028	98	881599	47.17	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	94.34%	
62) 4-Bromofluorobenzene	12.345	95	262856	40.49	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	80.98%#	
Target Compounds						
					Qvalue	
40) Benzene	7.960	78	15000	0.71	ug/l #	89
52) Toluene	10.092	92	10283	0.79	ug/l	100
67) Ethyl Benzene	11.452	91	21978	0.96	ug/l	100
68) m/p-Xylenes	11.564	106	25974	2.99	ug/l	98
69) o-Xylene	11.892	106	5766	0.69	ug/l	83
84) 1,2,4-Trimethylbenzene	12.986	105	19182	1.30	ug/l	98
95) Naphthalene	15.075	128	52008	4.69	ug/l	99

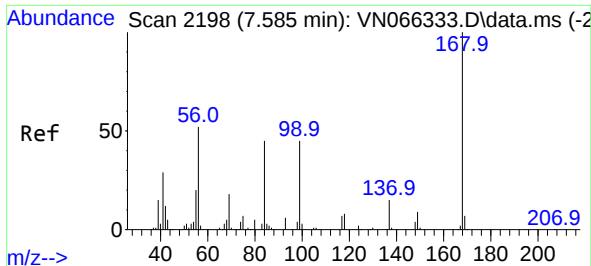
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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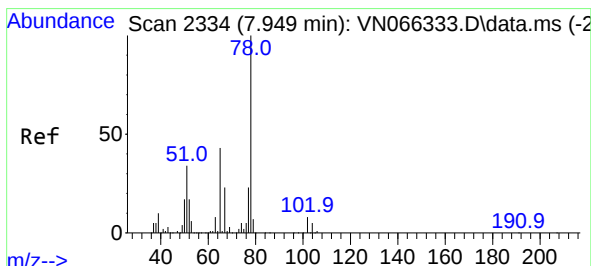
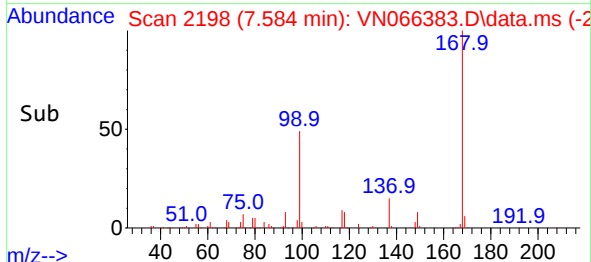
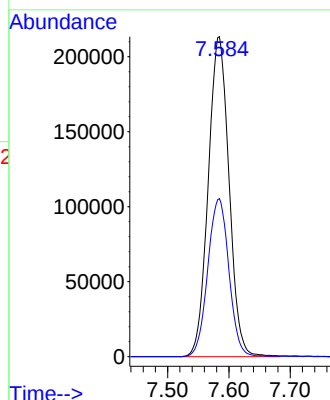
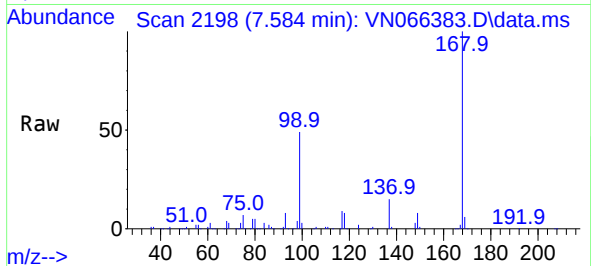




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

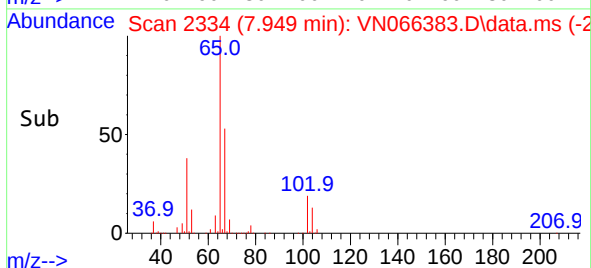
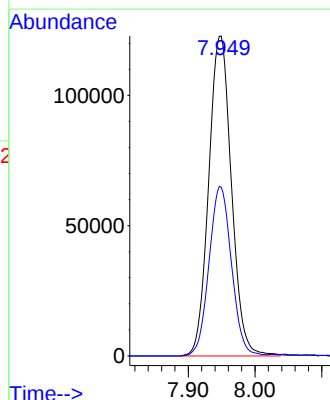
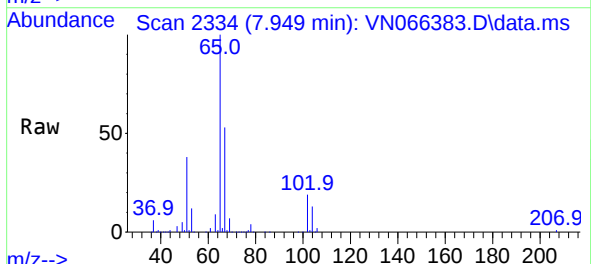
Instrument :
MSVOA_N
ClientSampleId :
IBLK

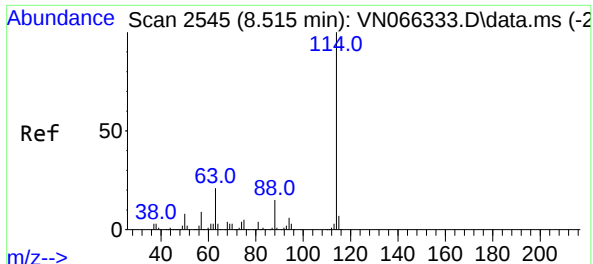
Tgt Ion:168 Resp: 503582
Ion Ratio Lower Upper
168 100
99 49.4 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 43.44 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 65 Resp: 290819
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2



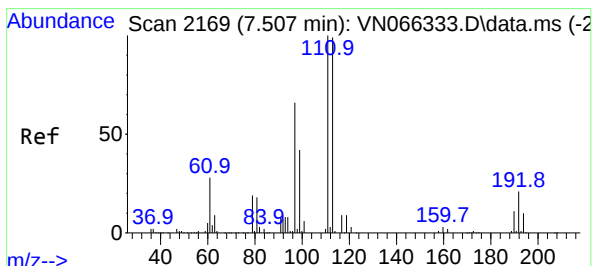
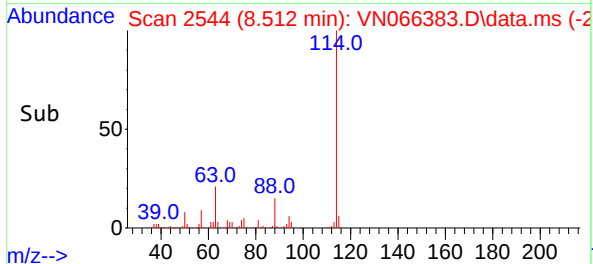
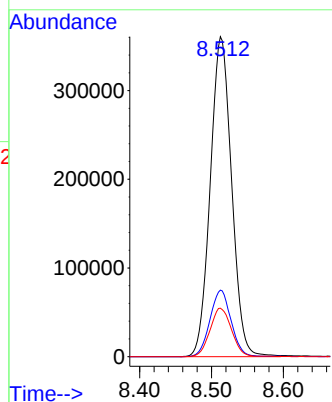
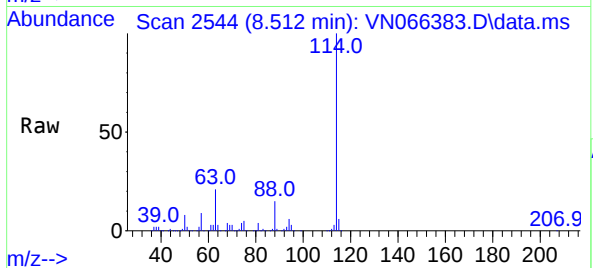


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Instrument :
MSVOA_N
ClientSampled :
IBLK

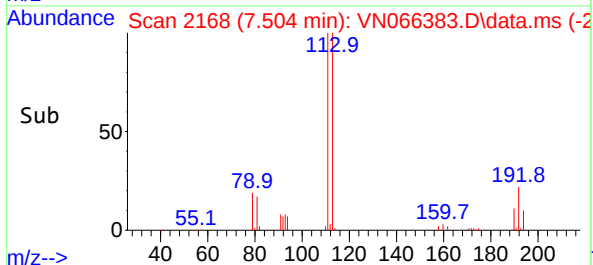
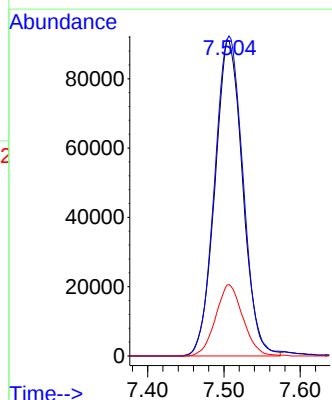
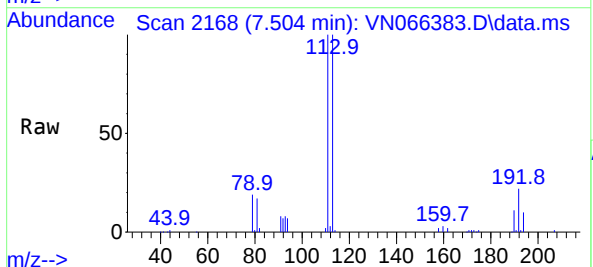
Tgt Ion:114 Resp: 743300
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.0
88 15.2 0.0 31.0

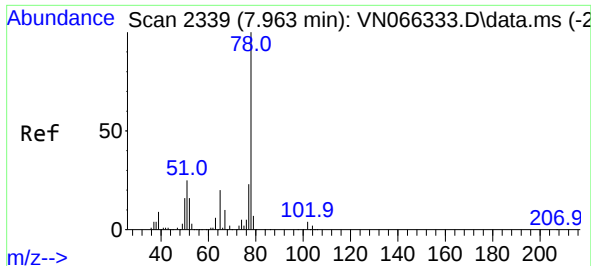


#35

Dibromofluoromethane
Concen: 46.73 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. -0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion:113 Resp: 230262
Ion Ratio Lower Upper
113 100
111 104.4 81.8 122.8
192 22.2 17.1 25.7

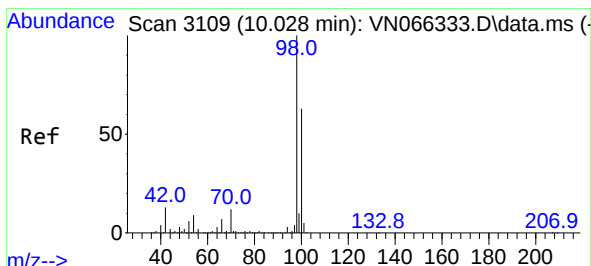
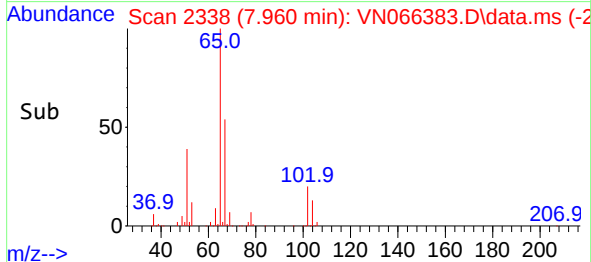
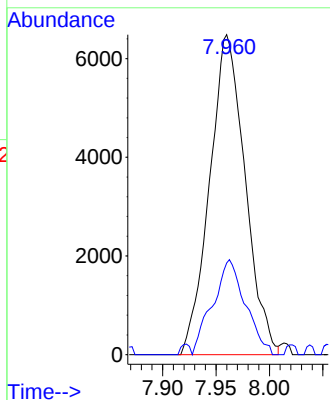
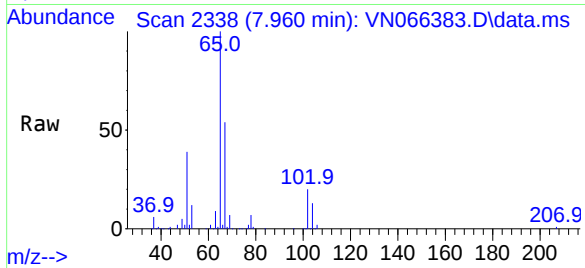




#40
Benzene
Concen: 0.71 ug/l
RT: 7.960 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

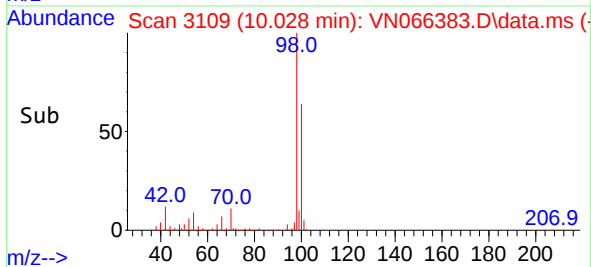
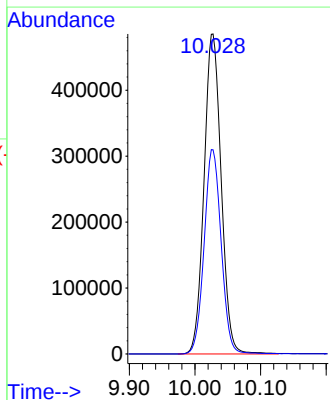
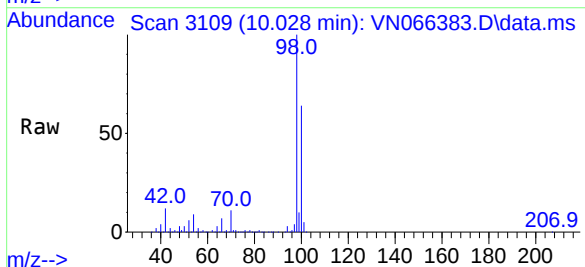
Instrument :
MSVOA_N
ClientSampled :
IBLK

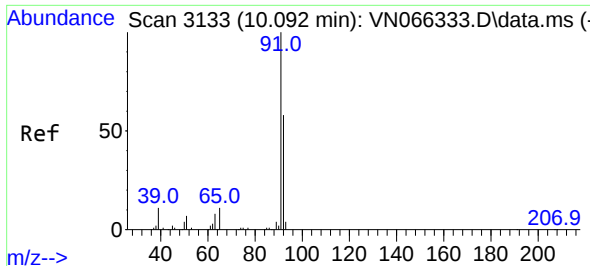
Tgt Ion: 78 Resp: 15000
Ion Ratio Lower Upper
78 100
77 28.7 18.7 28.1#



#50
Toluene-d8
Concen: 47.17 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 98 Resp: 881599
Ion Ratio Lower Upper
98 100
100 63.4 50.5 75.7

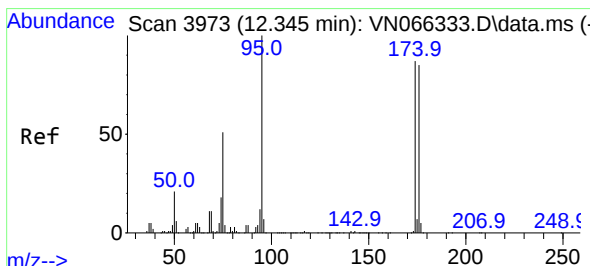
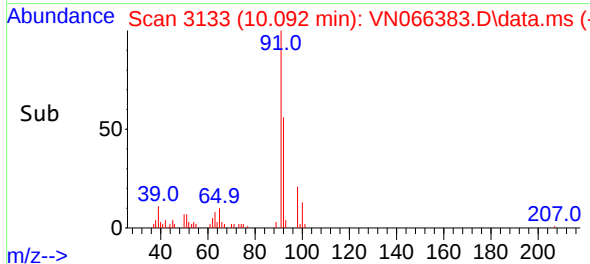
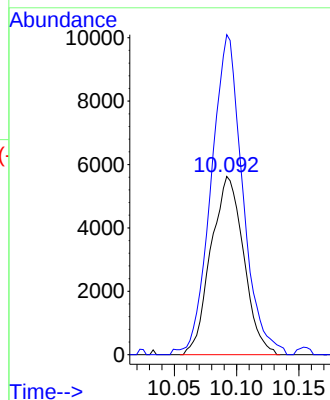
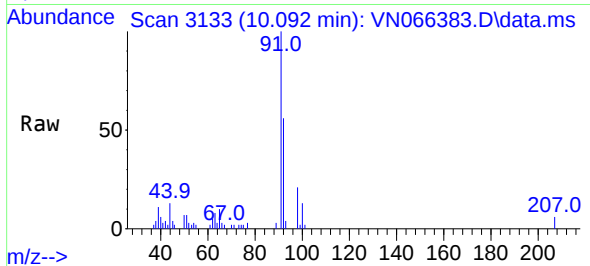




#52
Toluene
Concen: 0.79 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

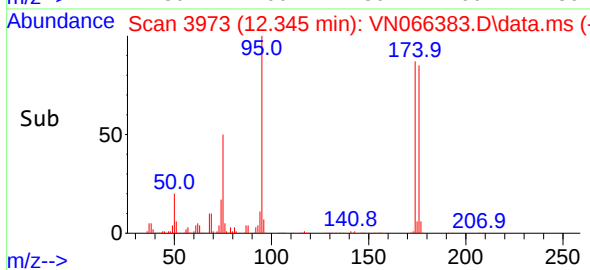
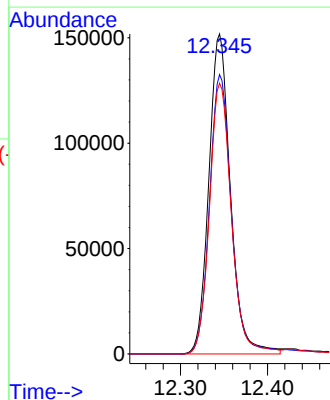
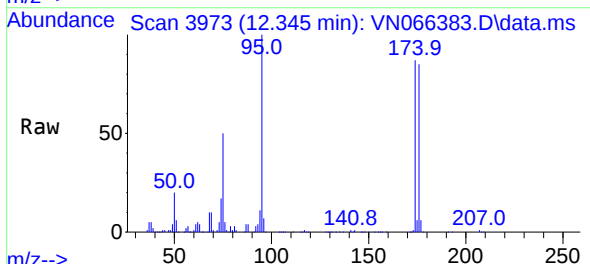
Instrument :
MSVOA_N
ClientSampled :
IBLK

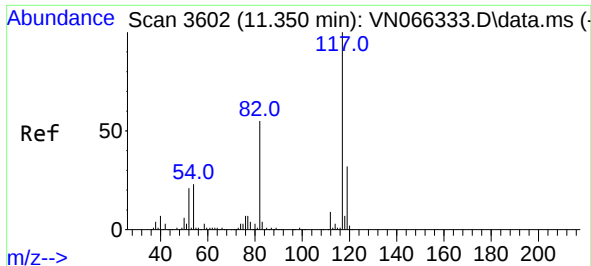
Tgt Ion: 92 Resp: 10283
Ion Ratio Lower Upper
92 100
91 173.1 138.8 208.2



#62
4-Bromofluorobenzene
Concen: 40.49 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 95 Resp: 262856
Ion Ratio Lower Upper
95 100
174 88.2 0.0 172.2
176 85.7 0.0 167.8

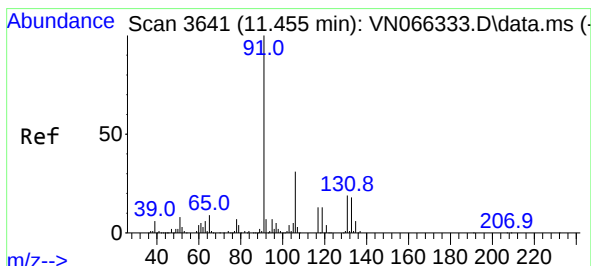
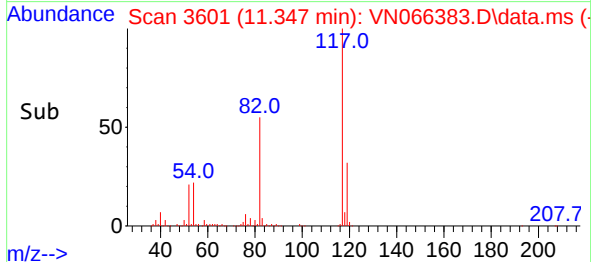
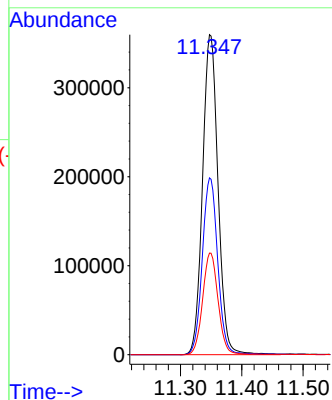
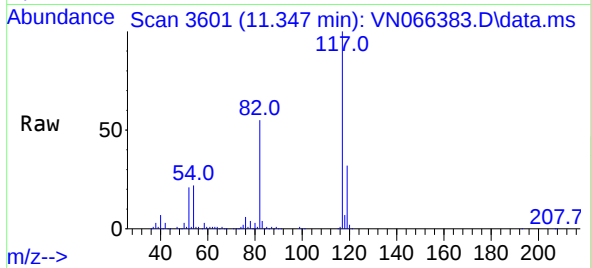




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

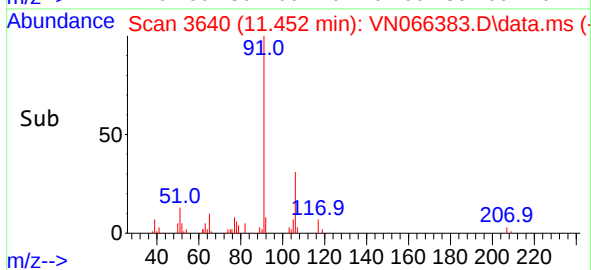
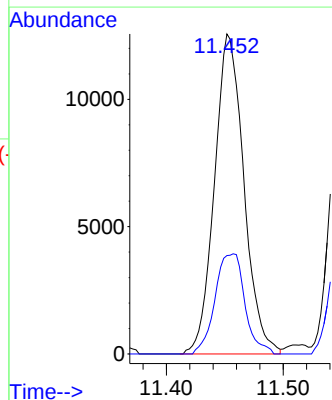
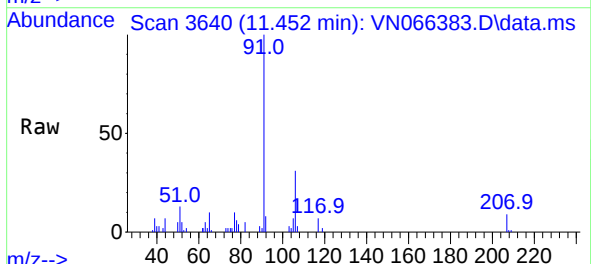
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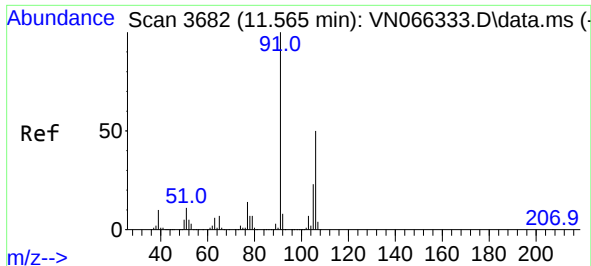
Tgt Ion:117 Resp: 631733
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.4
119 31.8 25.8 38.6



#67
Ethyl Benzene
Concen: 0.96 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 91 Resp: 21978
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1

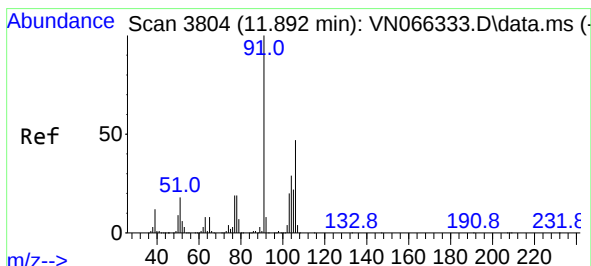
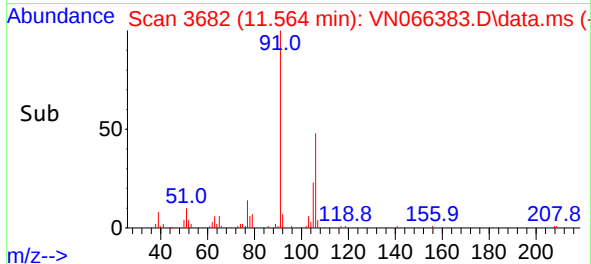
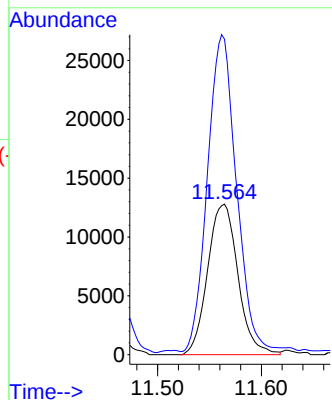
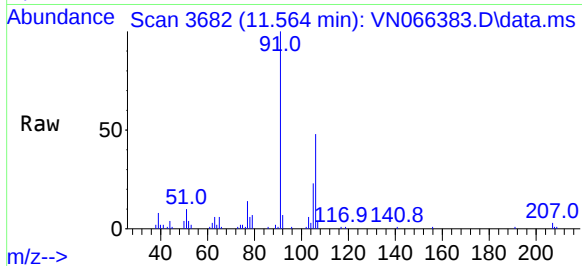




#68
m/p-Xylenes
Concen: 2.99 ug/l
RT: 11.564 min Scan# 3682
Delta R.T. -0.000 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

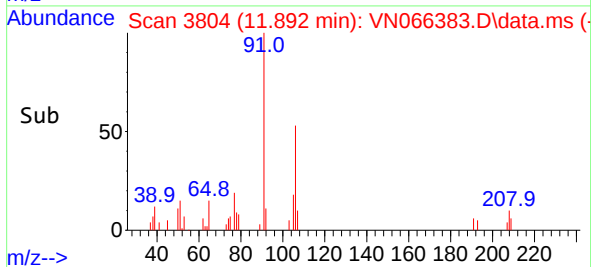
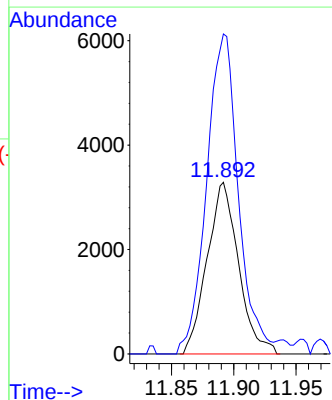
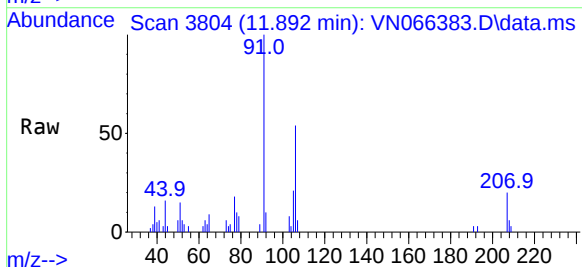
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ClientSampled :
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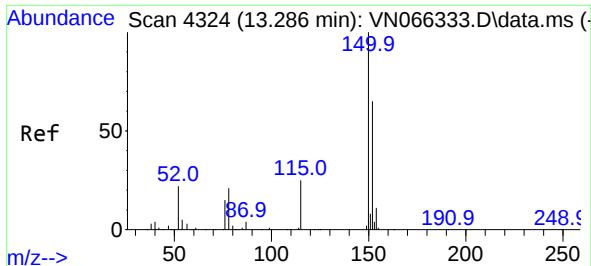
Tgt Ion:106 Resp: 25974
Ion Ratio Lower Upper
106 100
91 200.3 162.7 244.1



#69
o-Xylene
Concen: 0.69 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion:106 Resp: 5766
Ion Ratio Lower Upper
106 100
91 188.0 107.1 321.4

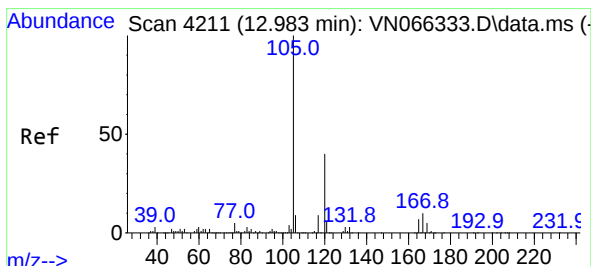
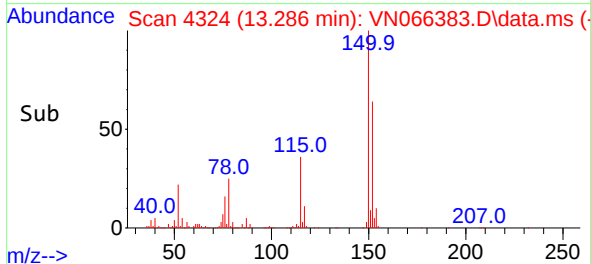
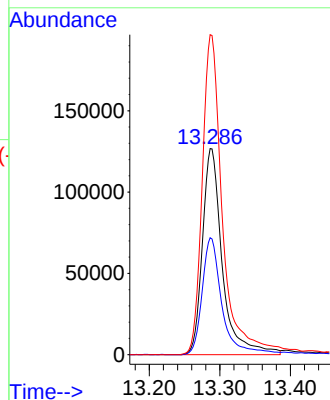
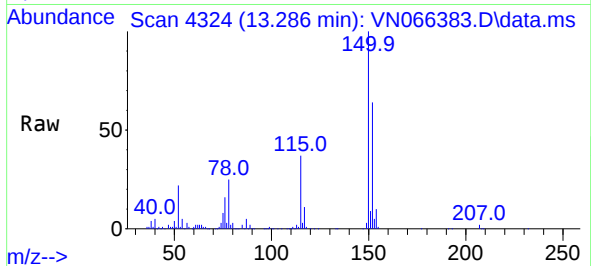




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

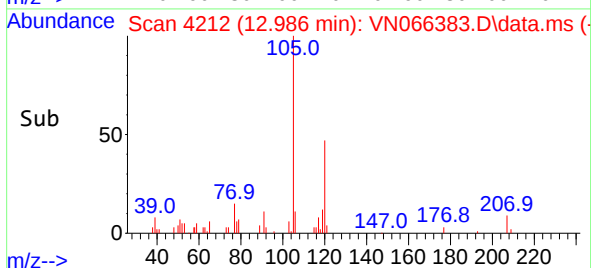
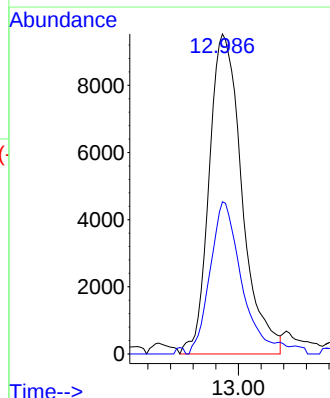
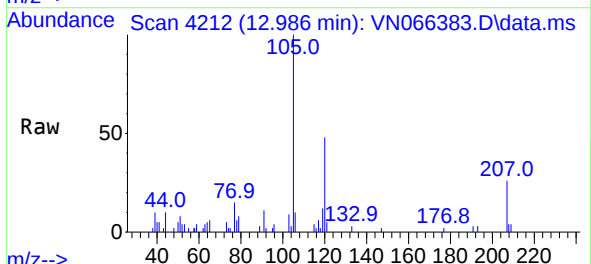
Instrument :
MSVOA_N
ClientSampled :
IBLK

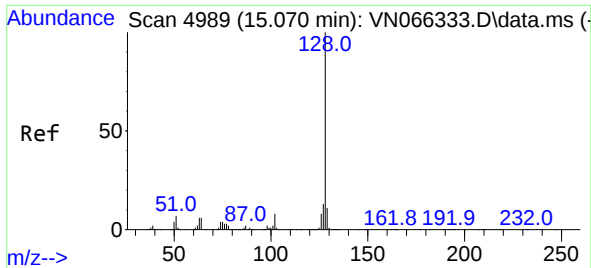
Tgt Ion:152 Resp: 248999
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.4
150 159.7 0.0 348.4



#84
1,2,4-Trimethylbenzene
Concen: 1.30 ug/l
RT: 12.986 min Scan# 4212
Delta R.T. 0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion:105 Resp: 19182
Ion Ratio Lower Upper
105 100
120 44.7 23.1 69.2





#95
Naphthalene
Concen: 4.69 ug/l
RT: 15.075 min Scan# 4991
Delta R.T. 0.005 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	52008
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.5	15.7
129	10.7	8.5	12.7

