

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066189.D
 Acq On : 12 Mar 2021 18:13
 Operator : JC/MD
 Sample : M1647-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41145

Quant Time: Mar 13 02:42:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 13:00:23 2021
 Response via : Initial Calibration

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

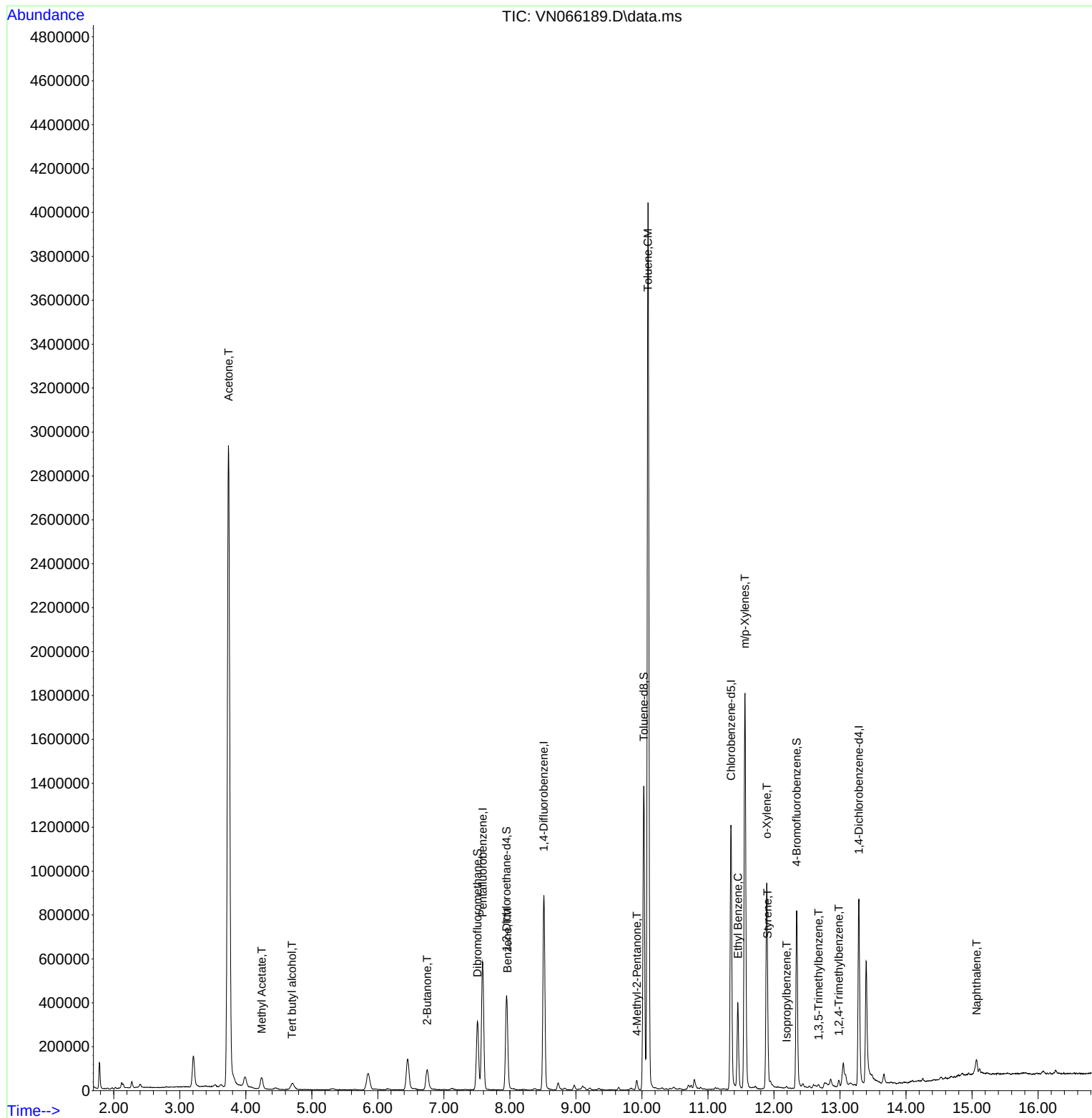
Internal Standards						
1) Pentafluorobenzene	7.587	168	473838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	735492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	625813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	232432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	347828	45.50	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.00%		
35) Dibromofluoromethane	7.509	113	232788	46.91	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.82%		
50) Toluene-d8	10.028	98	902612	44.91	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.82%		
62) 4-Bromofluorobenzene	12.345	95	280250	37.90	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	75.80%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.701	59	50238	42.83	ug/l #	81
16) Acetone	3.738	43	4981878	1586.41	ug/l	100
18) Methyl Acetate	4.243	43	103468	10.98	ug/l	99
25) 2-Butanone	6.748	43	168907	29.30	ug/l	96
40) Benzene	7.963	78	34036	1.45	ug/l	98
51) 4-Methyl-2-Pentanone	9.923	43	32056	2.90	ug/l	100
52) Toluene	10.092	92	1683415	118.88	ug/l	99
67) Ethyl Benzene	11.455	91	265196	11.38	ug/l	98
68) m/p-Xylenes	11.562	106	535849	62.04	ug/l	99
69) o-Xylene	11.892	106	231371	27.58	ug/l	100
70) Styrene	11.905	104	70649	7.03	ug/l #	53
73) Isopropylbenzene	12.192	105	5670	0.32	ug/l	87
80) 1,3,5-Trimethylbenzene	12.678	105	4539	0.31	ug/l	94
84) 1,2,4-Trimethylbenzene	12.983	105	16875	1.16	ug/l	92
95) Naphthalene	15.070	128	55376	5.74	ug/l	97

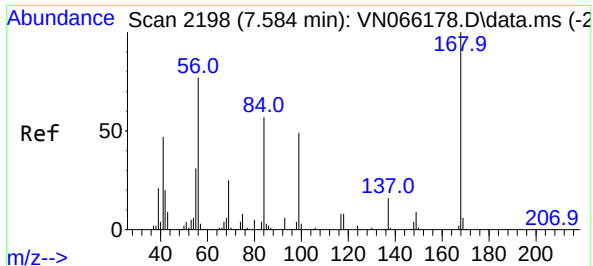
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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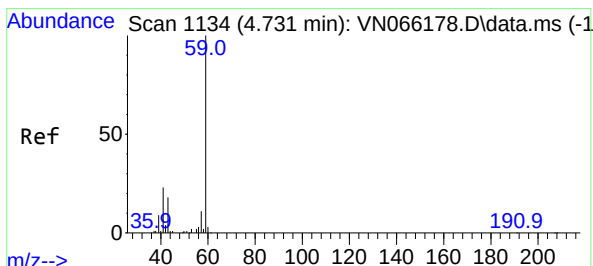
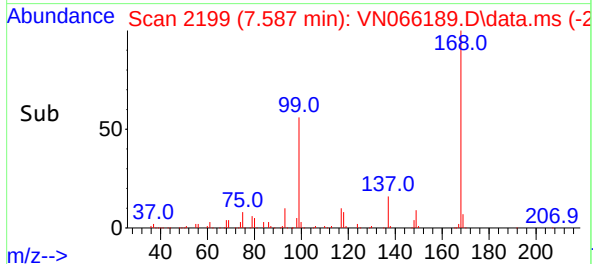
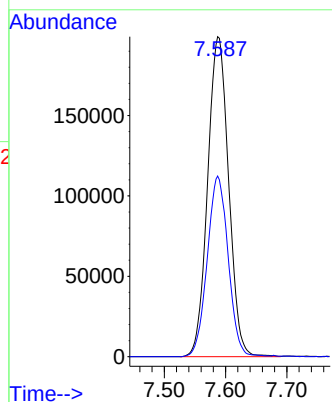
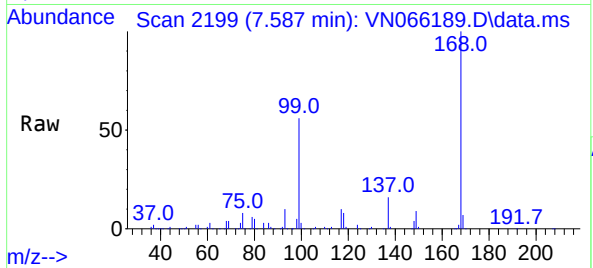




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.003 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

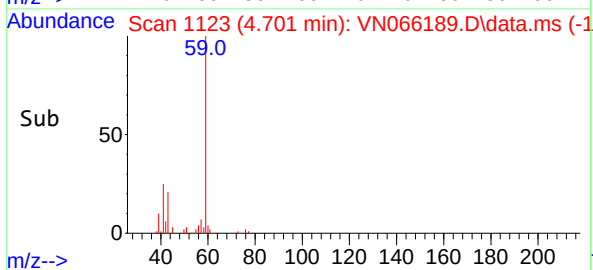
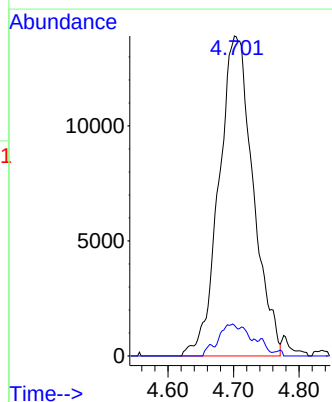
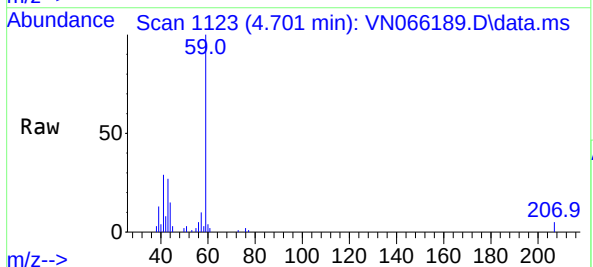
Instrument :
MSVOA_N
ClientSampled :
41145

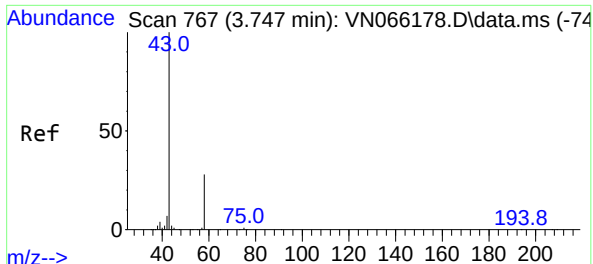
Tgt Ion:168 Resp: 473838
Ion Ratio Lower Upper
168 100
99 56.4 45.4 68.0



#11
Tert butyl alcohol
Concen: 42.83 ug/l
RT: 4.701 min Scan# 1123
Delta R.T. -0.022 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

Tgt Ion: 59 Resp: 50238
Ion Ratio Lower Upper
59 100
57 3.1 8.0 12.0#

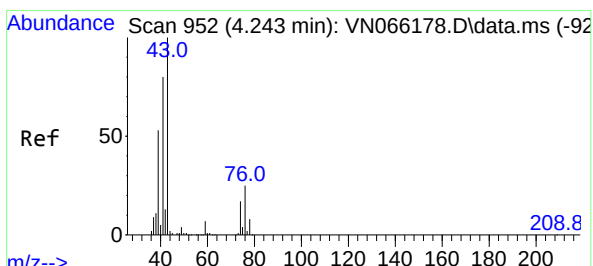
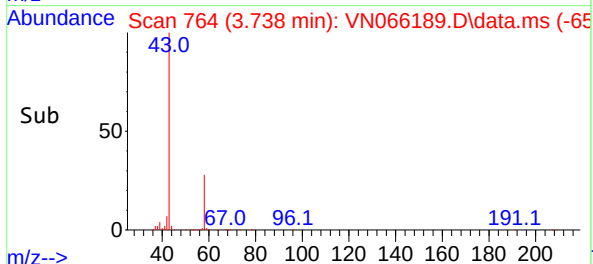
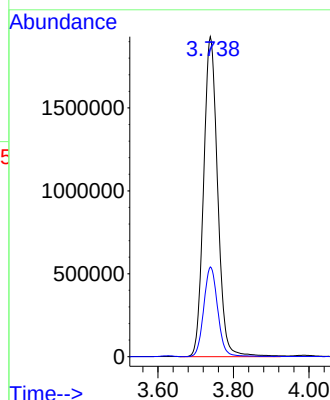
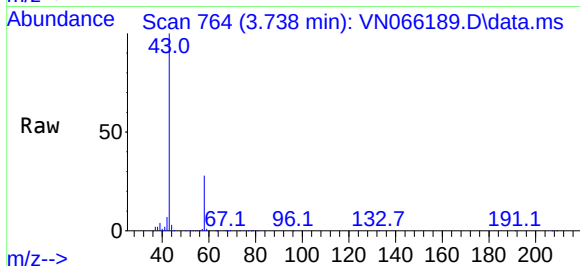




#16
Acetone
Concen: 1586.41 ug/l
RT: 3.738 min Scan# 764
Delta R.T. -0.011 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

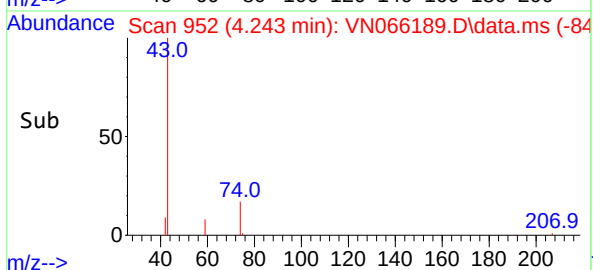
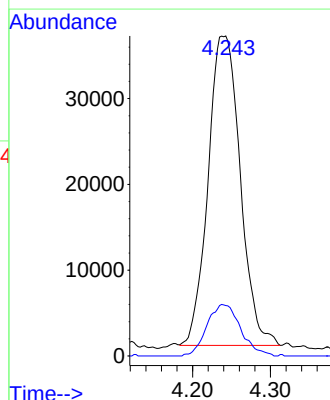
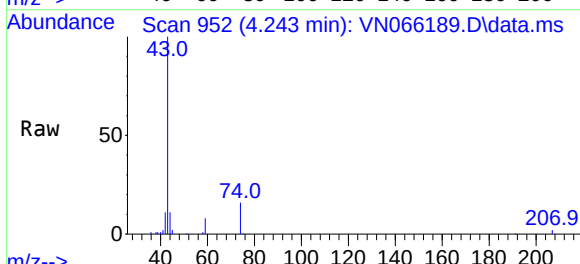
Instrument :
MSVOA_N
ClientSampleId :
41145

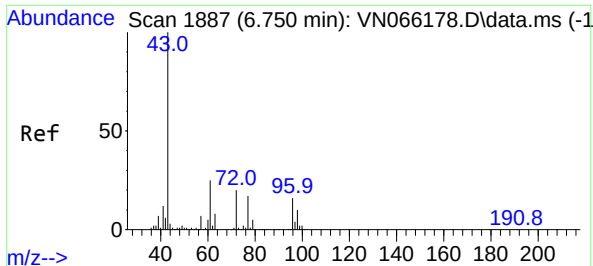
Tgt Ion: 43 Resp: 4981878
Ion Ratio Lower Upper
43 100
58 28.0 22.3 33.5



#18
Methyl Acetate
Concen: 10.98 ug/l
RT: 4.243 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

Tgt Ion: 43 Resp: 103468
Ion Ratio Lower Upper
43 100
74 17.4 14.2 21.2

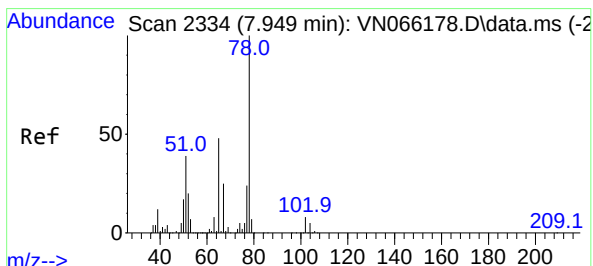
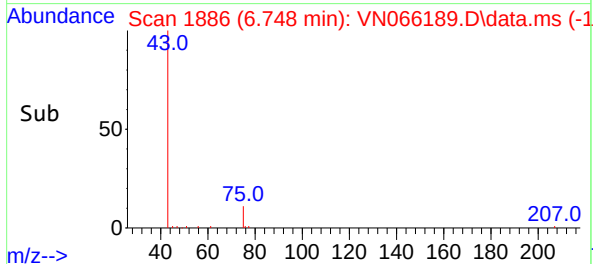
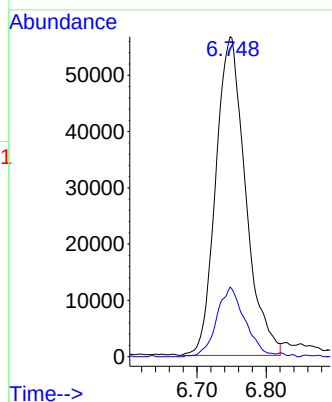
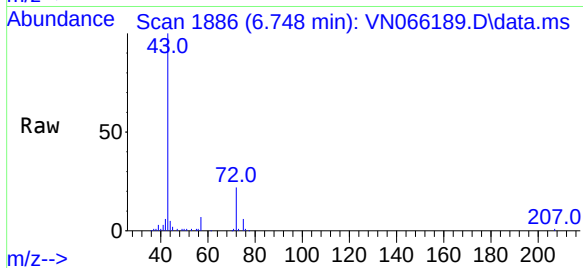




#25
2-Butanone
Concen: 29.30 ug/l
RT: 6.748 min Scan# 1886
Delta R.T. -0.002 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

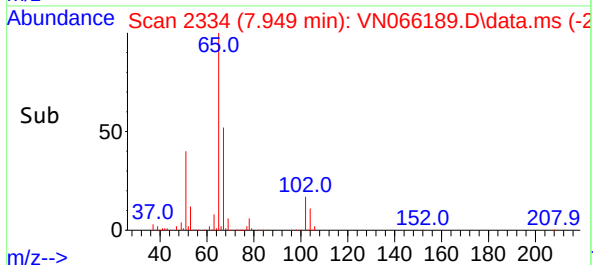
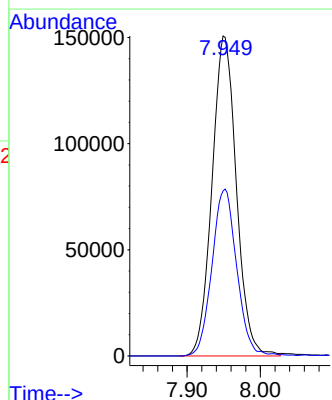
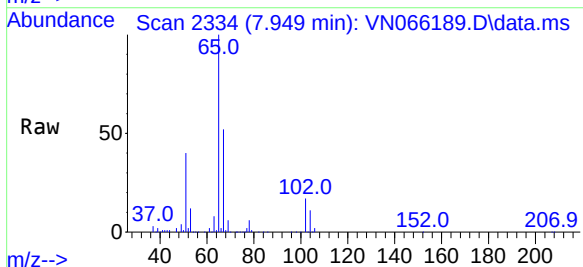
Instrument :
MSVOA_N
ClientSampled :
41145

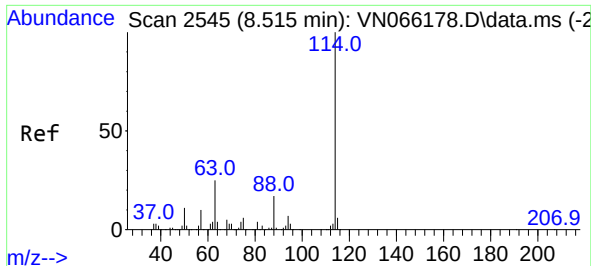
Tgt Ion: 43 Resp: 168907
Ion Ratio Lower Upper
43 100
72 21.8 16.2 24.2



#33
1,2-Dichloroethane-d4
Concen: 45.50 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. -0.003 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

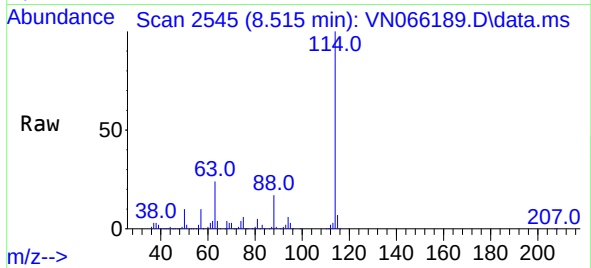
Tgt Ion: 65 Resp: 347828
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.2



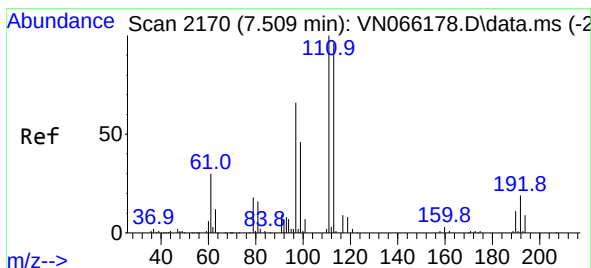
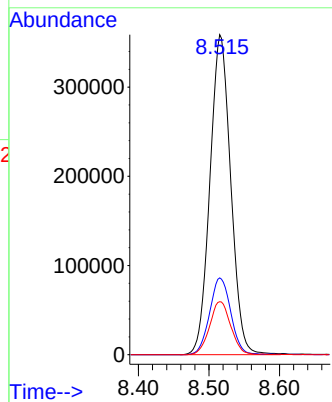
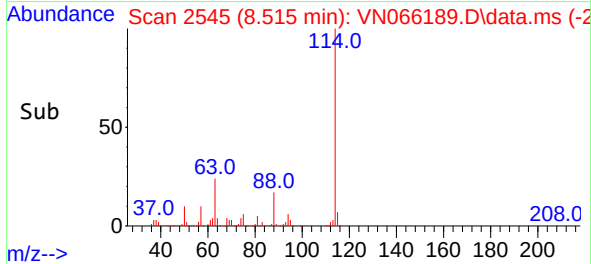


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. -0.003 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

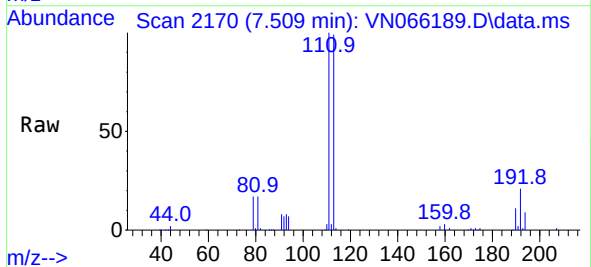
Instrument :
MSVOA_N
ClientSampleId :
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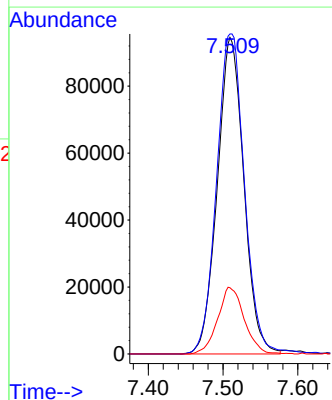
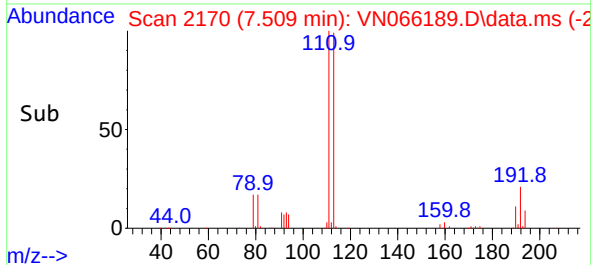
Tgt Ion:114 Resp: 735492
Ion Ratio Lower Upper
114 100
63 24.0 0.0 49.2
88 16.6 0.0 33.8

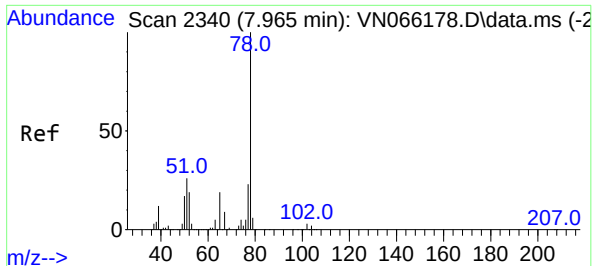


#35
Dibromofluoromethane
Concen: 46.91 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13



Tgt Ion:113 Resp: 232788
Ion Ratio Lower Upper
113 100
111 106.2 84.0 126.0
192 21.2 16.7 25.1

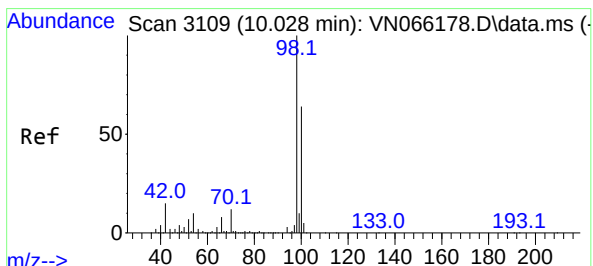
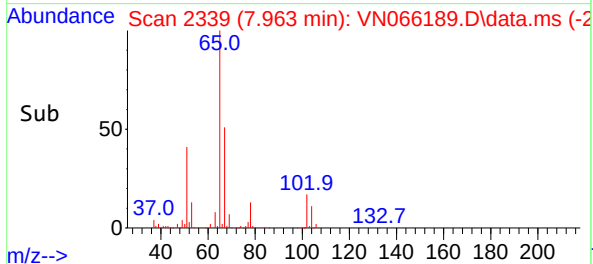
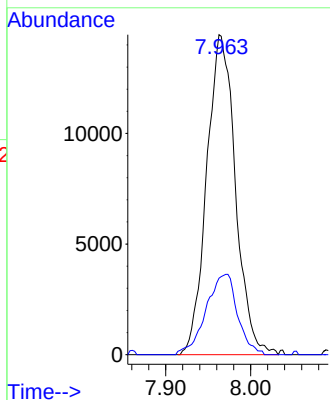
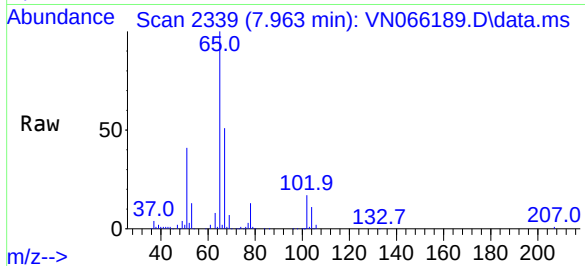




#40
Benzene
Concen: 1.45 ug/l
RT: 7.963 min Scan# 2339
Delta R.T. -0.002 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

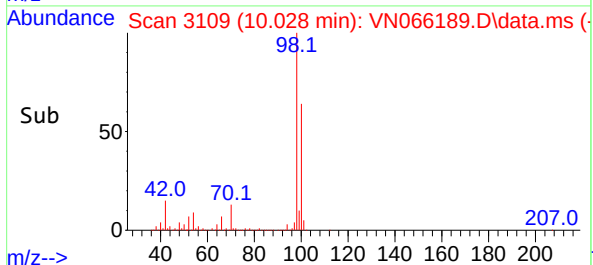
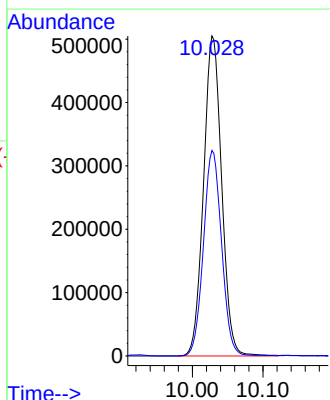
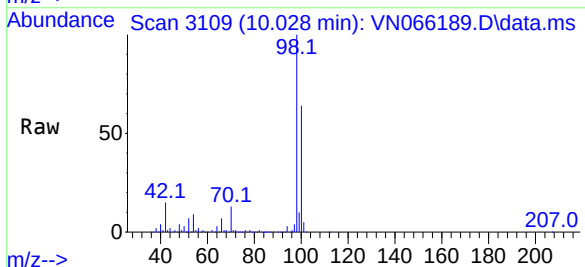
Instrument :
MSVOA_N
ClientSampled :
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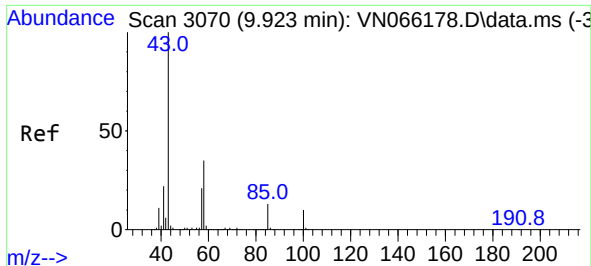
Tgt Ion: 78 Resp: 34036
Ion Ratio Lower Upper
78 100
77 23.9 18.5 27.7



#50
Toluene-d8
Concen: 44.91 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.002 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

Tgt Ion: 98 Resp: 902612
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.6

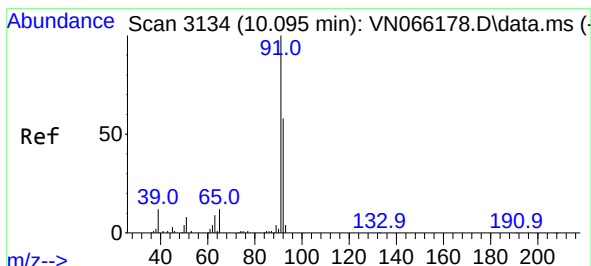
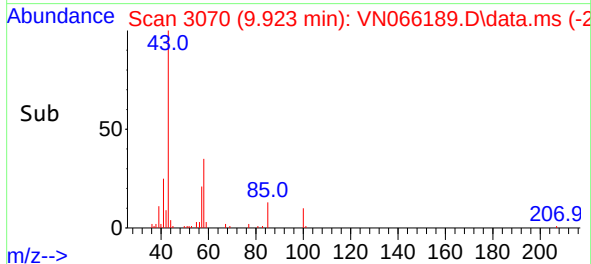
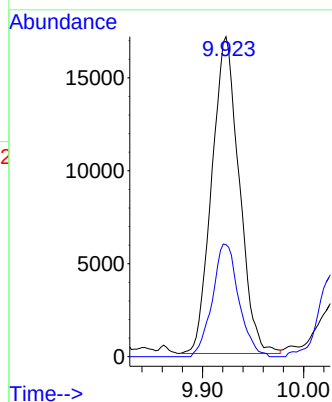
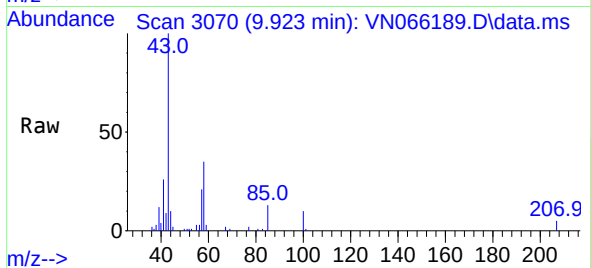




#51
4-Methyl-2-Pentanone
Concen: 2.90 ug/l
RT: 9.923 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

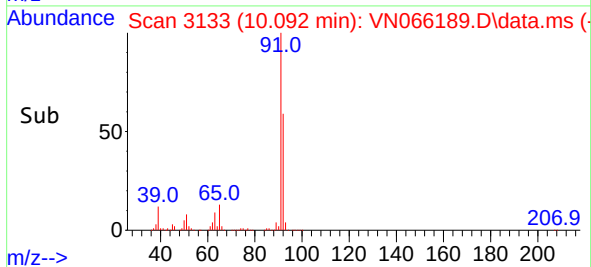
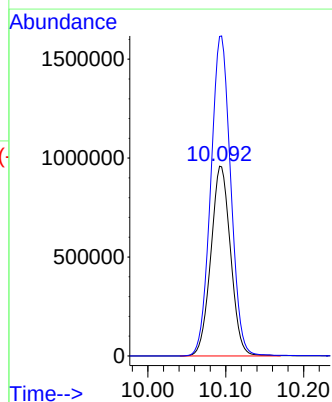
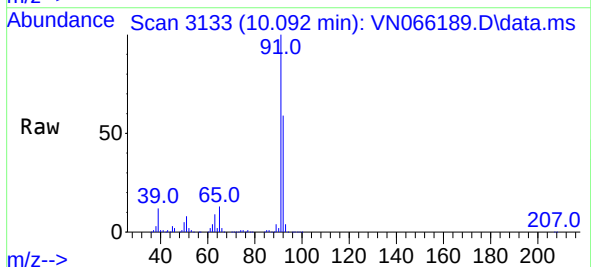
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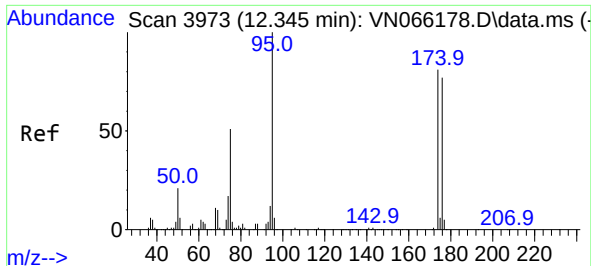
Tgt Ion: 43 Resp: 32056
Ion Ratio Lower Upper
43 100
58 34.3 27.5 41.3



#52
Toluene
Concen: 118.88 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. -0.003 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

Tgt Ion: 92 Resp: 1683415
Ion Ratio Lower Upper
92 100
91 170.8 137.5 206.3

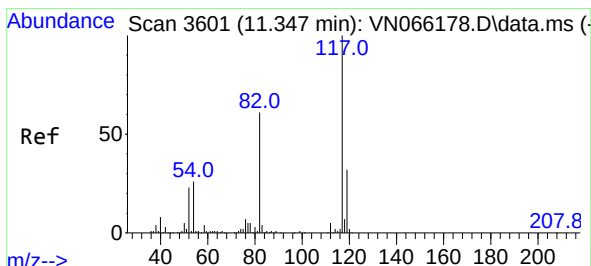
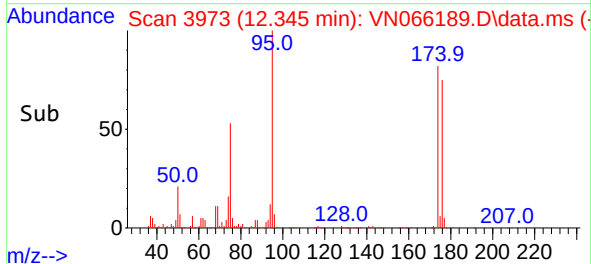
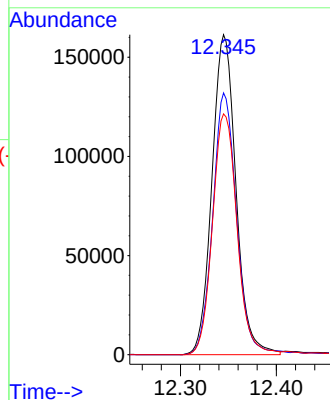
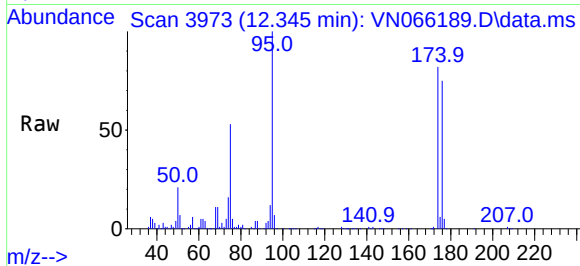




#62
4-Bromofluorobenzene
Concen: 37.90 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.003 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

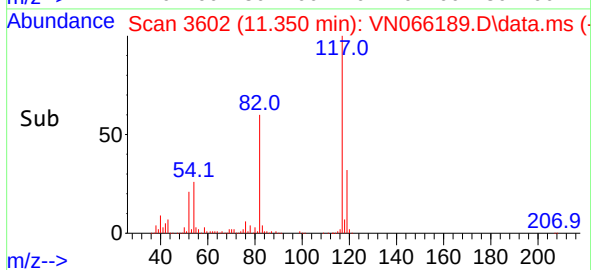
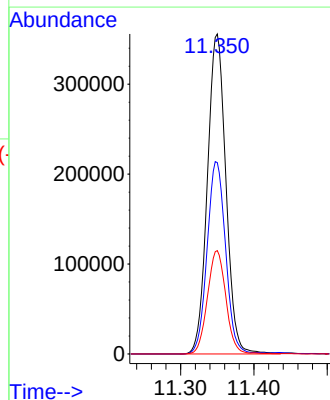
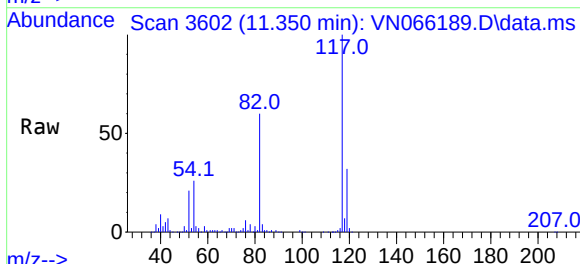
Instrument :
MSVOA_N
ClientSampleId :
41145

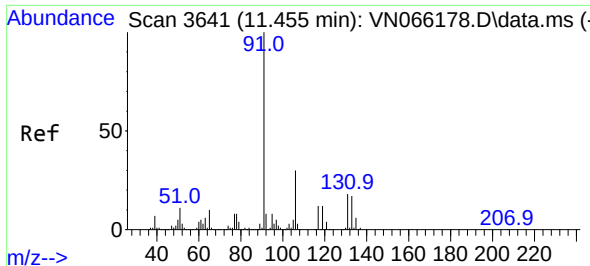
Tgt Ion: 95 Resp: 280250
Ion Ratio Lower Upper
95 100
174 81.6 0.0 162.4
176 77.1 0.0 156.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

Tgt Ion: 117 Resp: 625813
Ion Ratio Lower Upper
117 100
82 59.8 49.0 73.6
119 32.3 25.7 38.5

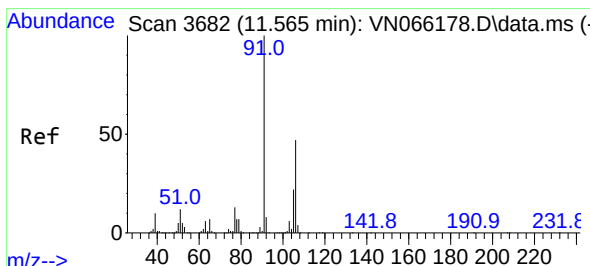
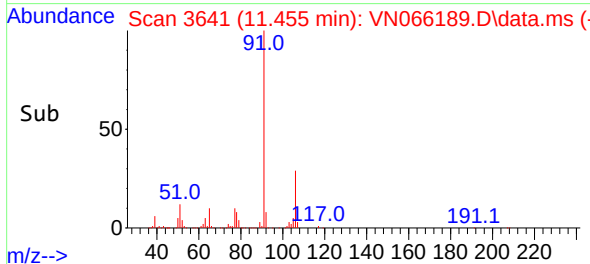
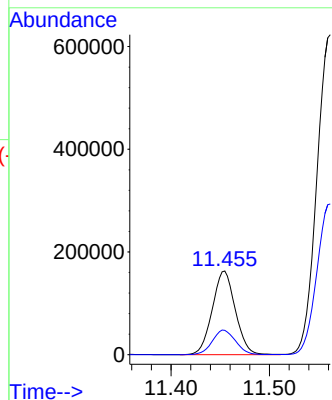
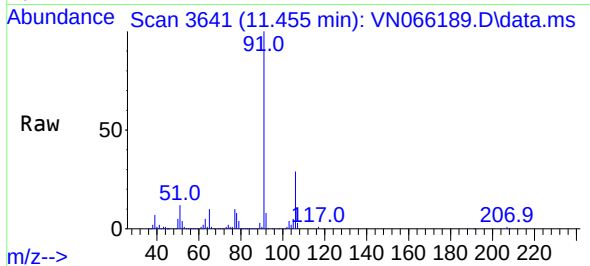




#67
Ethyl Benzene
Concen: 11.38 ug/l
RT: 11.455 min Scan# 3641
Delta R.T. -0.000 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

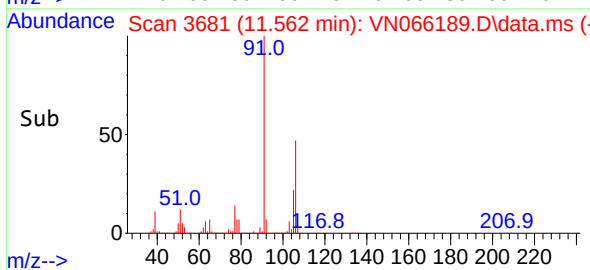
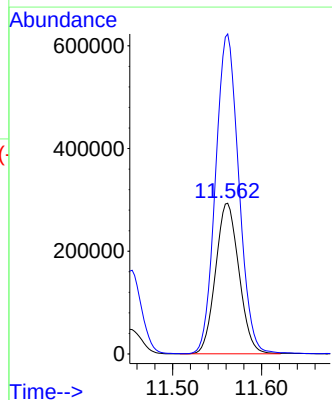
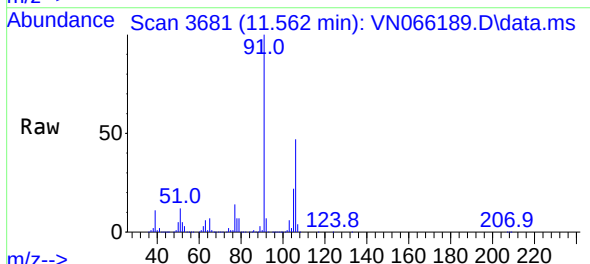
Instrument :
MSVOA_N
ClientSampleId :
41145

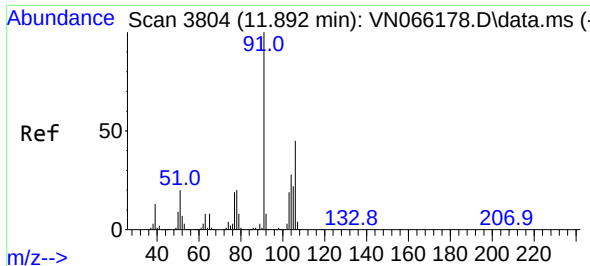
Tgt Ion: 91 Resp: 265196
Ion Ratio Lower Upper
91 100
106 29.1 24.2 36.2



#68
m/p-Xylenes
Concen: 62.04 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.002 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

Tgt Ion:106 Resp: 535849
Ion Ratio Lower Upper
106 100
91 211.7 168.2 252.4

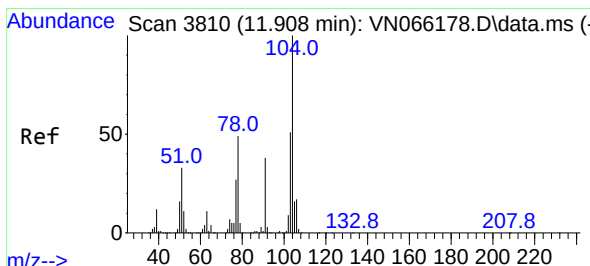
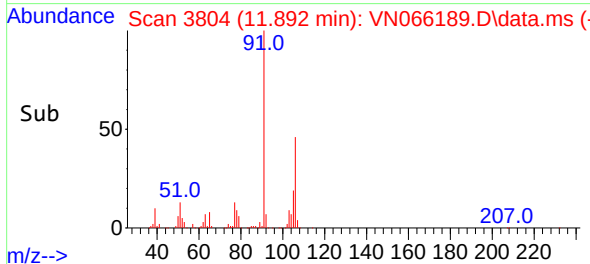
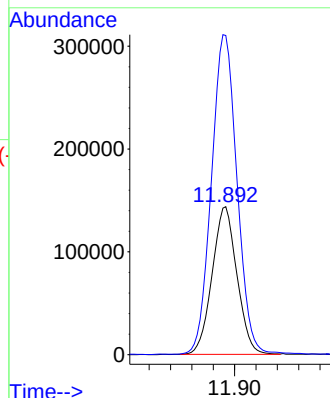
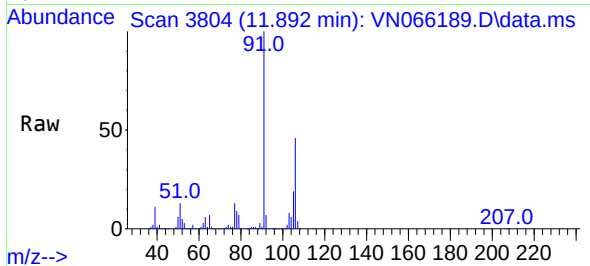




#69
o-Xylene
Concen: 27.58 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

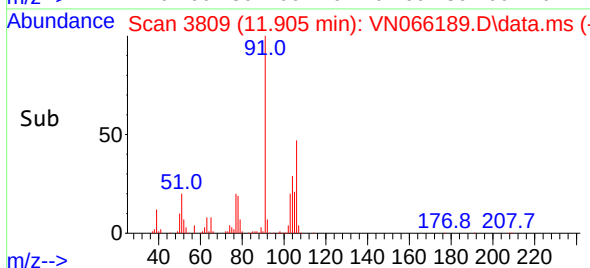
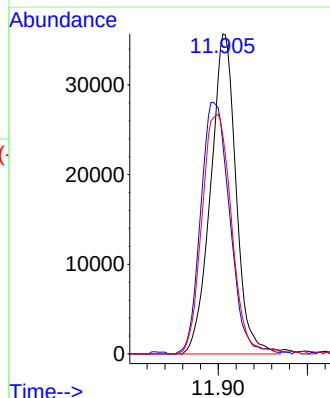
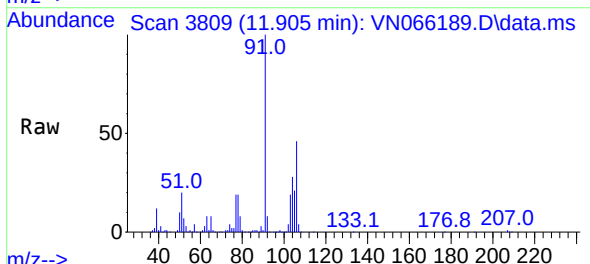
Instrument :
MSVOA_N
ClientSampled :
41145

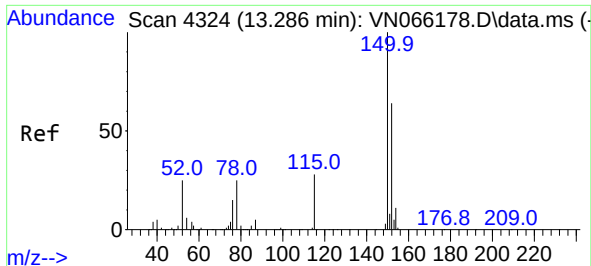
Tgt Ion:106 Resp: 231371
Ion Ratio Lower Upper
106 100
91 223.5 111.8 335.3



#70
Styrene
Concen: 7.03 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. -0.003 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

Tgt Ion:104 Resp: 70649
Ion Ratio Lower Upper
104 100
78 89.9 43.8 65.6#
103 87.0 43.7 65.5#

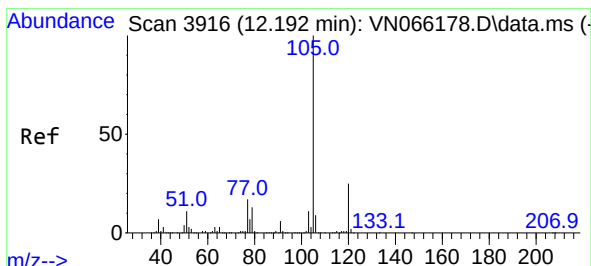
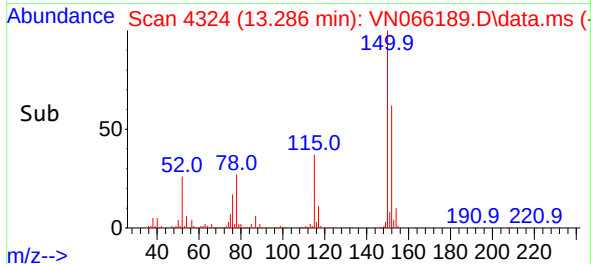
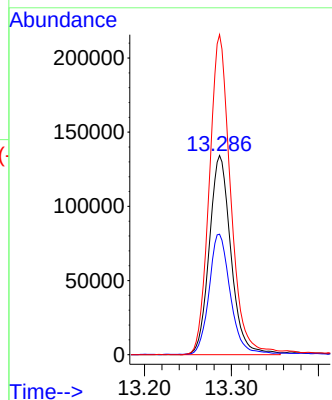
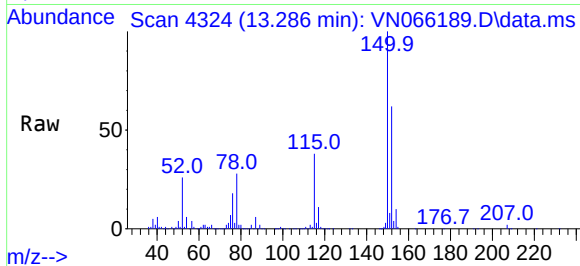




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. -0.003 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

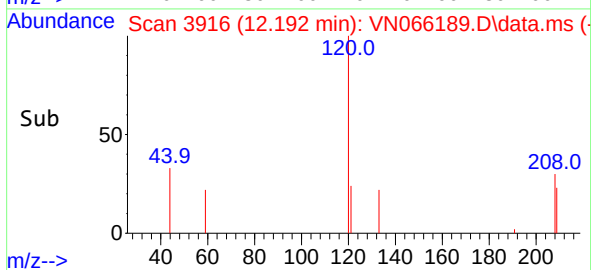
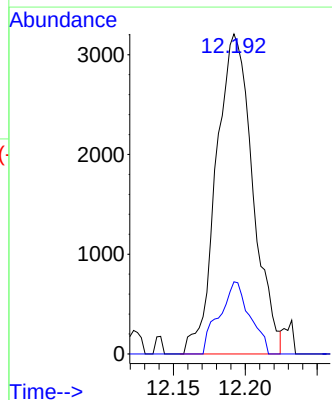
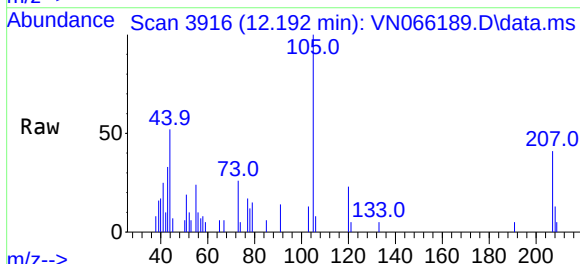
Instrument :
MSVOA_N
ClientSampled :
41145

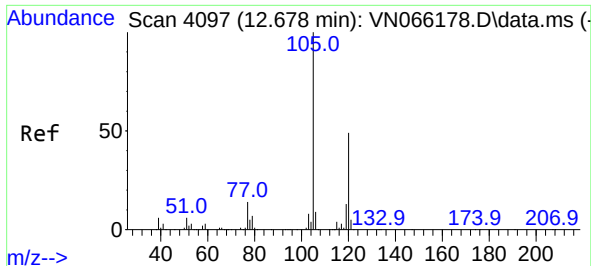
Tgt Ion:152 Resp: 232432
Ion Ratio Lower Upper
152 100
115 59.1 29.4 88.3
150 158.4 0.0 352.2



#73
Isopropylbenzene
Concen: 0.32 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.003 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

Tgt Ion:105 Resp: 5670
Ion Ratio Lower Upper
105 100
120 18.8 12.8 38.3

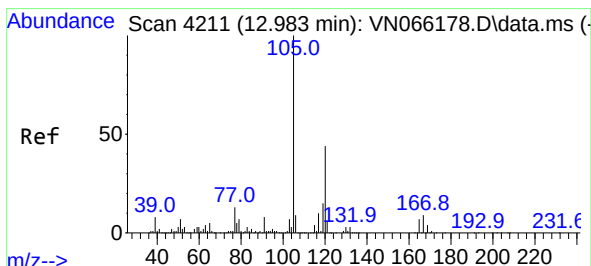
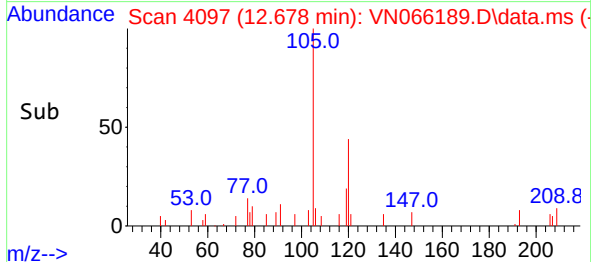
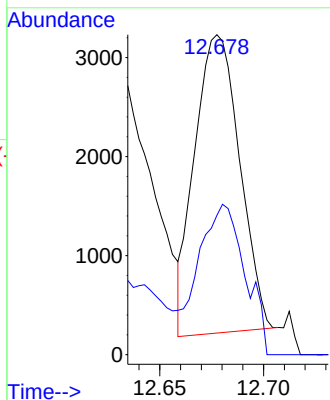
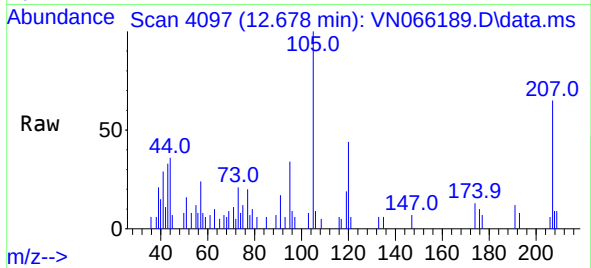




#80
1,3,5-Trimethylbenzene
Concen: 0.31 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. -0.001 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

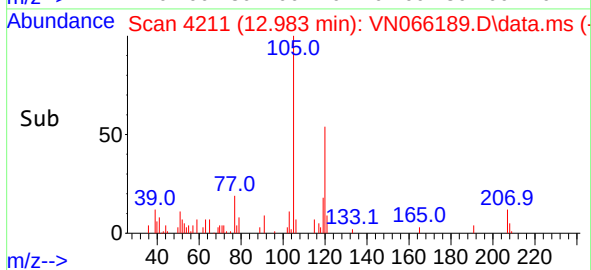
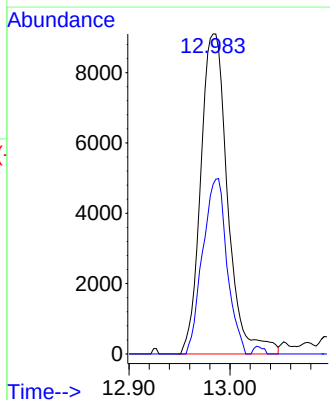
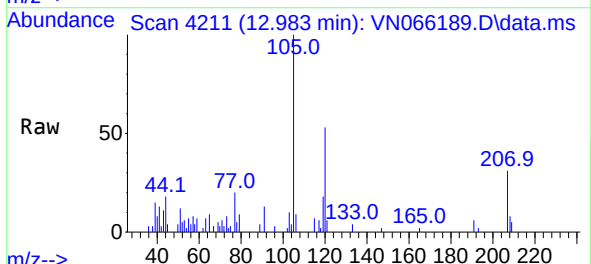
Instrument :
MSVOA_N
ClientSampleId :
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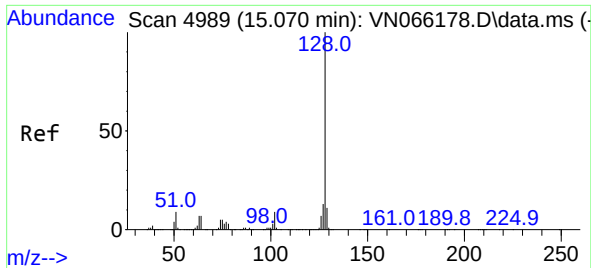
Tgt Ion:105 Resp: 4539
Ion Ratio Lower Upper
105 100
120 52.3 23.9 71.8



#84
1,2,4-Trimethylbenzene
Concen: 1.16 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

Tgt Ion:105 Resp: 16875
Ion Ratio Lower Upper
105 100
120 49.3 22.1 66.5





#95
Naphthalene
Concen: 5.74 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066189.D
Acq: 12 Mar 2021 18:13

Instrument :
MSVOA_N
ClientSampleId :
41145

Tgt Ion:	128	Resp:	55376
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	12.2	8.4	12.6

