

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066810.D
 Acq On : 28 Apr 2021 14:22
 Operator : JC/MD
 Sample : M2136-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41765

Quant Time: Apr 29 04:29:35 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)

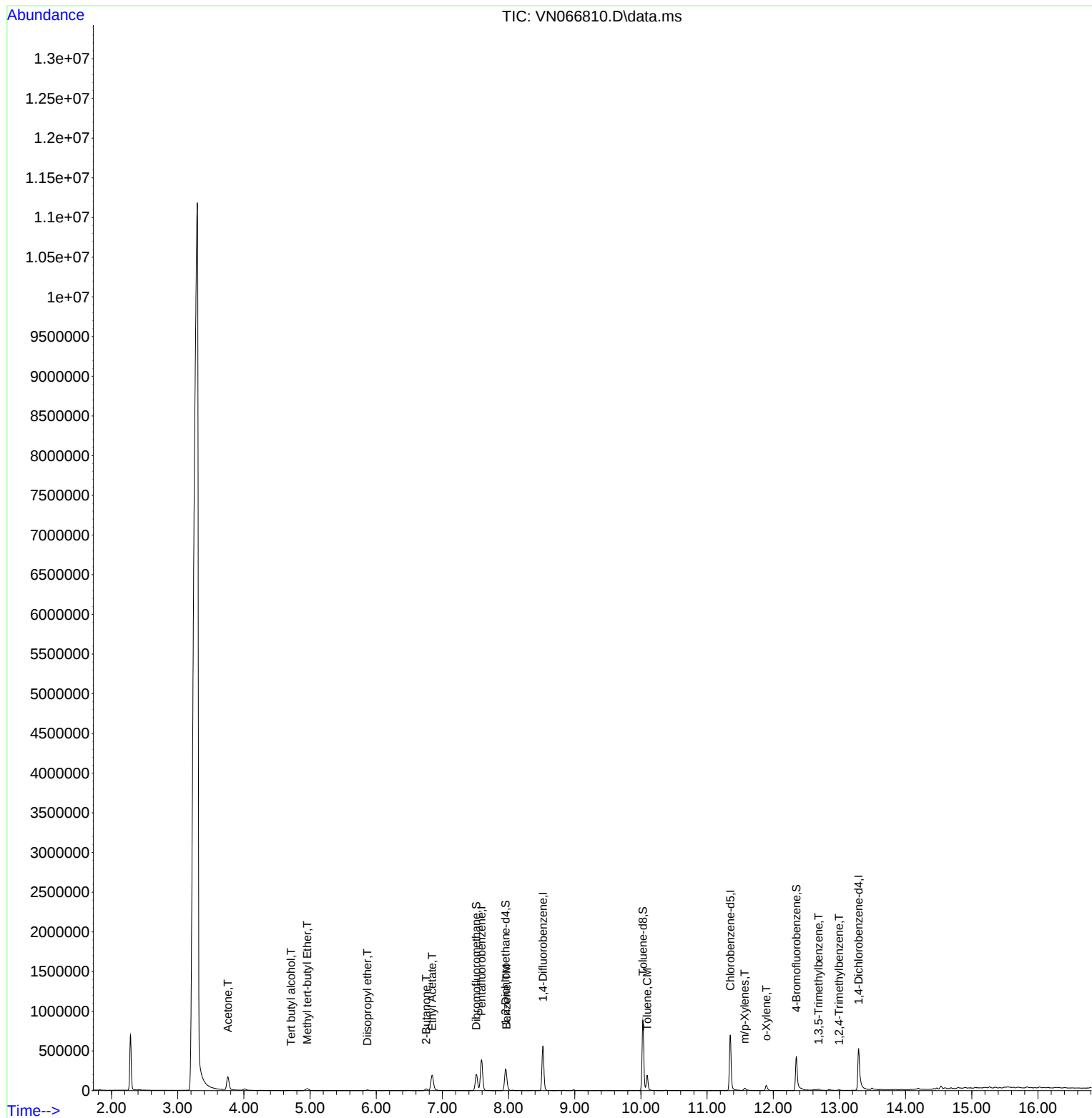
Internal Standards						
1) Pentafluorobenzene	7.591	168	354214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	532144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	470305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	206279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	188886	41.50	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	83.00%
35) Dibromofluoromethane	7.513	113	163857	49.88	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.76%
50) Toluene-d8	10.029	98	633453	49.13	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.26%
62) 4-Bromofluorobenzene	12.349	95	200629	45.99	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.98%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.713	59	6066	8.64	ug/l	# 73
16) Acetone	3.759	43	267913	156.04	ug/l	97
19) Methyl tert-butyl Ether	4.957	73	43198	3.56	ug/l	96
22) Diisopropyl ether	5.867	45	11697	0.88	ug/l	90
25) 2-Butanone	6.754	43	36477	15.11	ug/l	96
37) Ethyl Acetate	6.845	43	336729	64.12	ug/l	97
40) Benzene	7.969	78	74222	4.84	ug/l	98
52) Toluene	10.093	92	86320	9.35	ug/l	98
68) m/p-Xylenes	11.568	106	13243	2.18	ug/l	98
69) o-Xylene	11.896	106	24283	4.00	ug/l	94
80) 1,3,5-Trimethylbenzene	12.684	105	9495	0.74	ug/l	93
84) 1,2,4-Trimethylbenzene	12.995	105	6811	0.57	ug/l	88

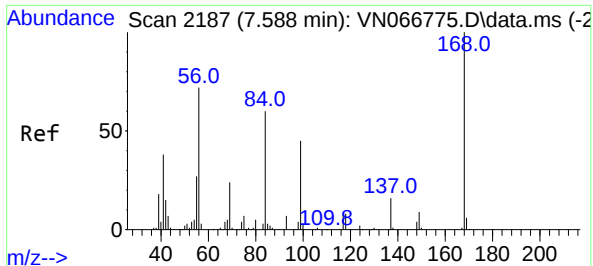
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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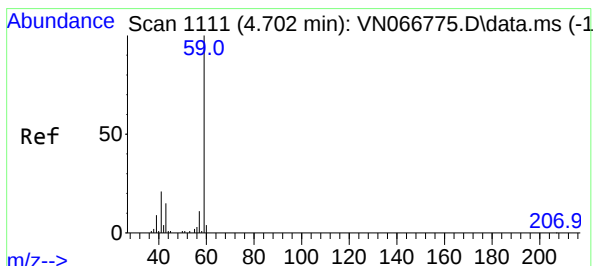
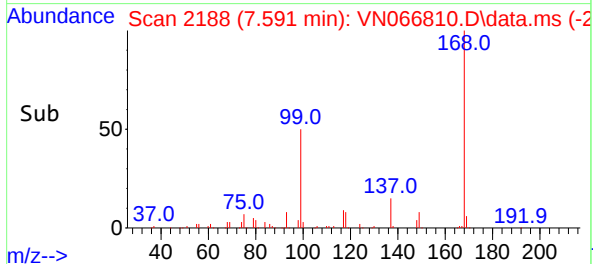
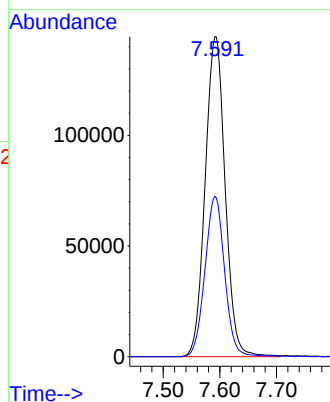
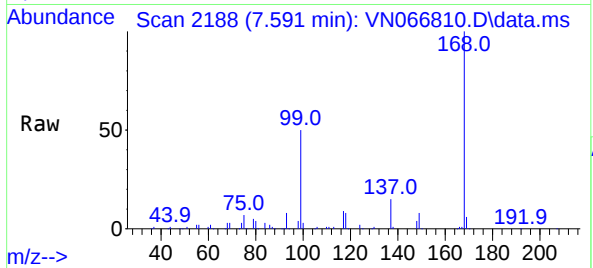




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

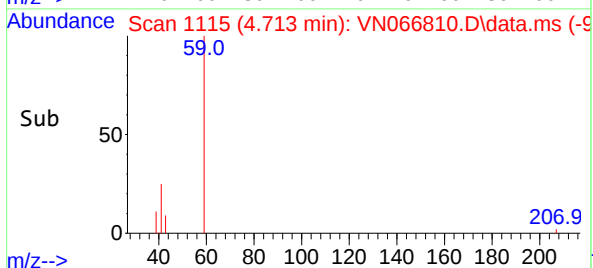
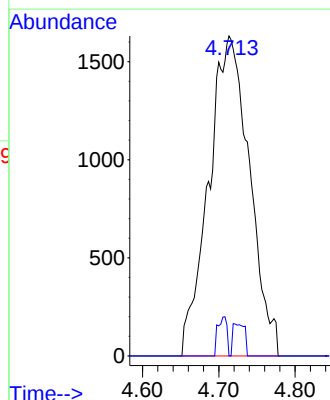
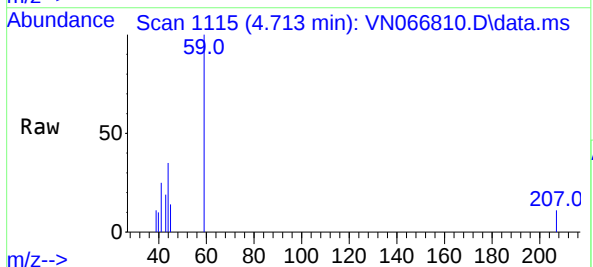
Instrument :
MSVOA_N
ClientSampleId :
41765

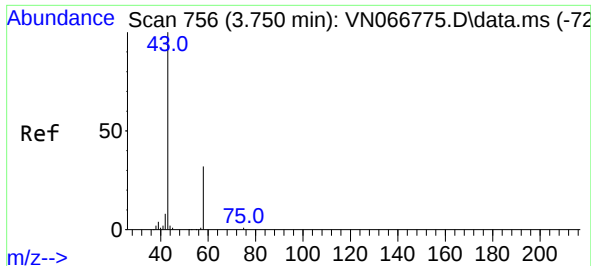
Tgt Ion:168 Resp: 354214
Ion Ratio Lower Upper
168 100
99 50.1 42.6 63.8



#11
Tert butyl alcohol
Concen: 8.64 ug/l
RT: 4.713 min Scan# 1115
Delta R.T. 0.011 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

Tgt Ion: 59 Resp: 6066
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

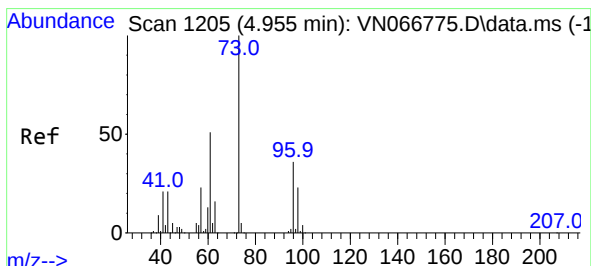
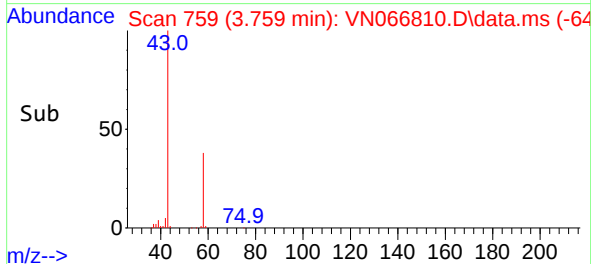
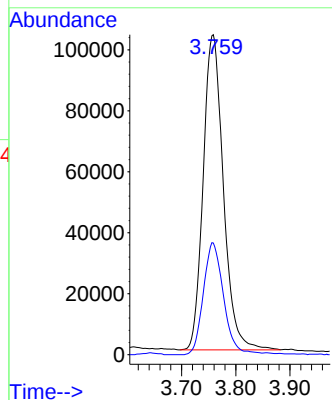
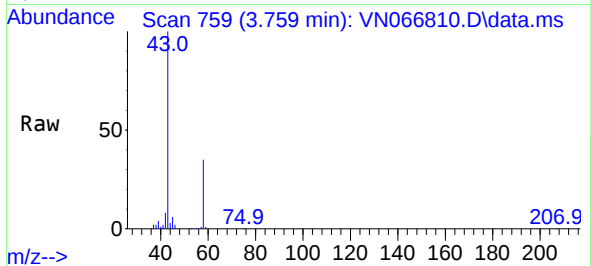




#16
Acetone
Concen: 156.04 ug/l
RT: 3.759 min Scan# 759
Delta R.T. 0.009 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

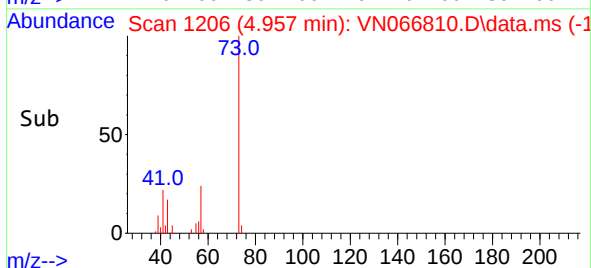
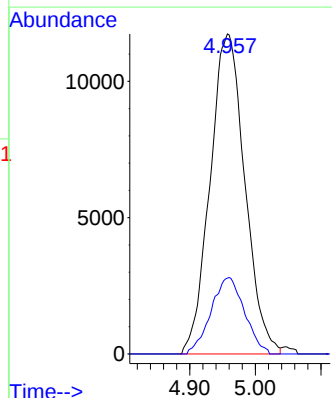
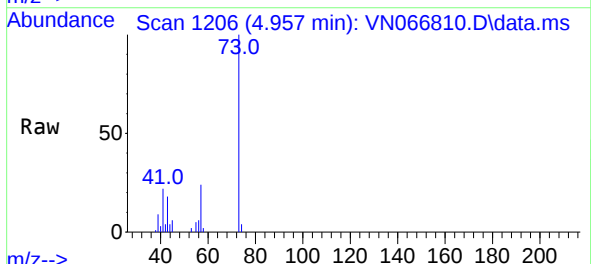
Instrument :
MSVOA_N
ClientSampleId :
41765

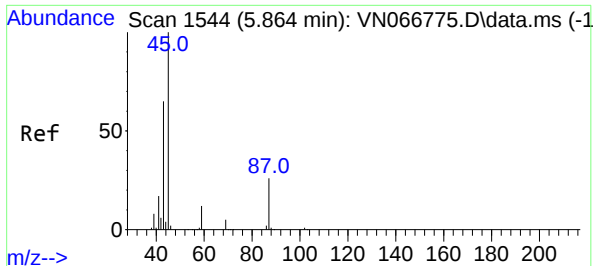
Tgt Ion: 43 Resp: 267913
Ion Ratio Lower Upper
43 100
58 35.4 27.0 40.6



#19
Methyl tert-butyl Ether
Concen: 3.56 ug/l
RT: 4.957 min Scan# 1206
Delta R.T. 0.002 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

Tgt Ion: 73 Resp: 43198
Ion Ratio Lower Upper
73 100
57 23.7 17.3 25.9

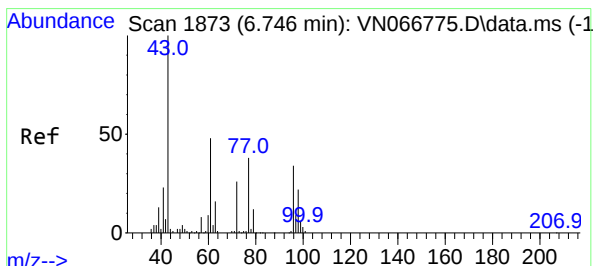
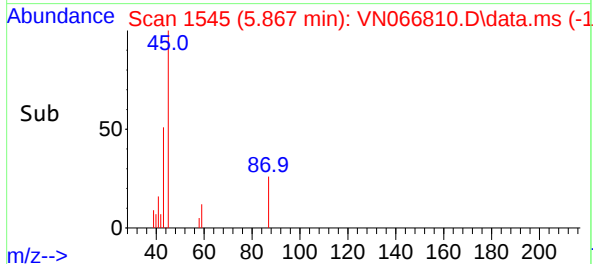
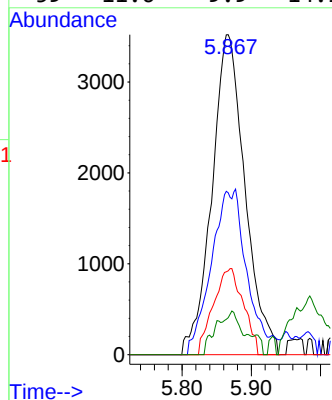
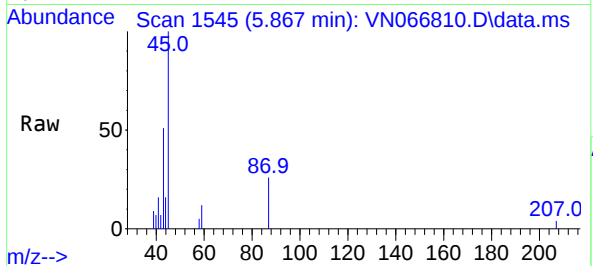




#22
Diisopropyl ether
Concen: 0.88 ug/l
RT: 5.867 min Scan# 1545
Delta R.T. 0.003 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

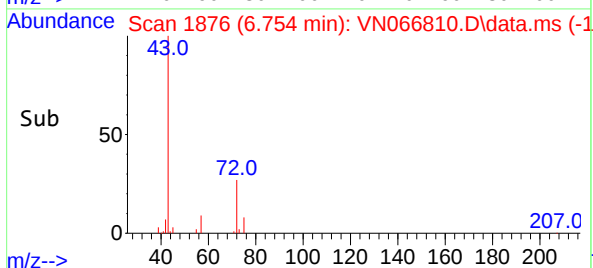
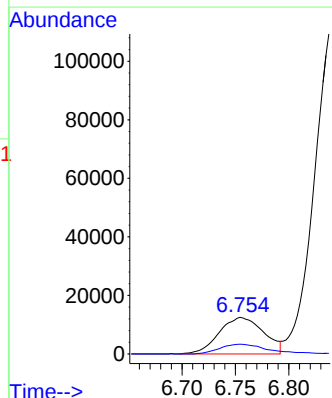
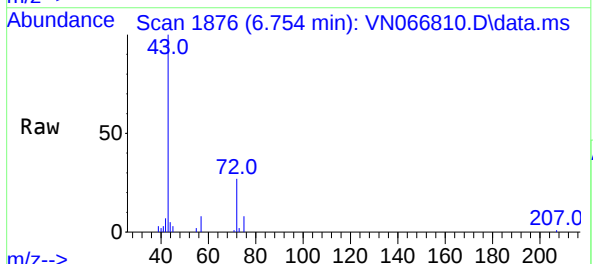
Instrument :
MSVOA_N
ClientSampleId :
41765

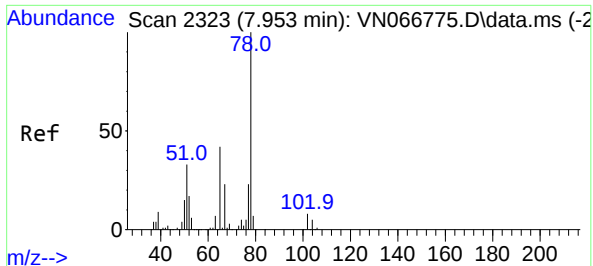
Tgt Ion:	45	Resp:	11697
Ion	Ratio	Lower	Upper
45	100		
43	50.6	48.9	73.3
87	26.2	23.7	35.5
59	11.6	9.9	14.9



#25
2-Butanone
Concen: 15.11 ug/l
RT: 6.754 min Scan# 1876
Delta R.T. 0.008 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

Tgt Ion:	43	Resp:	36477
Ion	Ratio	Lower	Upper
43	100		
72	26.6	23.1	34.7

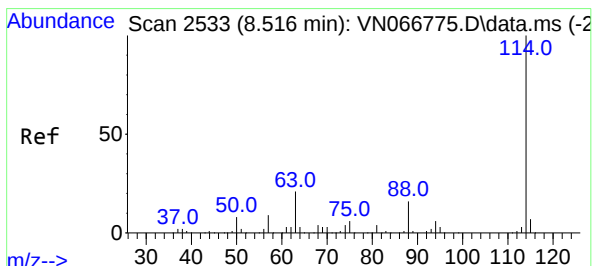
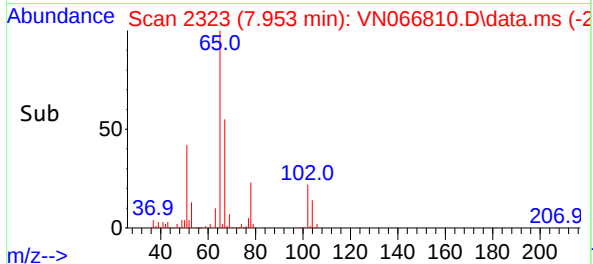
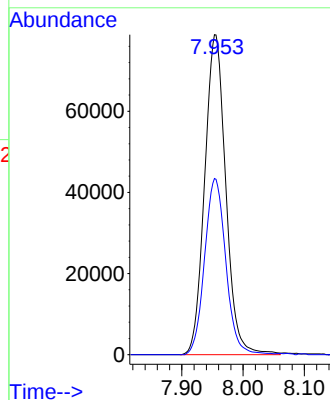
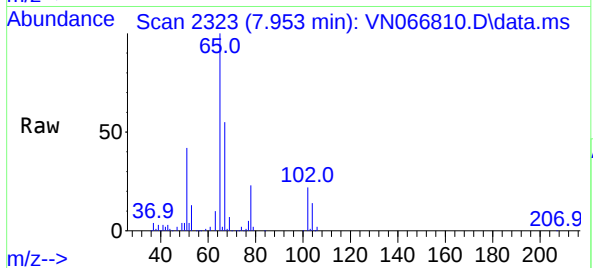




#33
1,2-Dichloroethane-d4
Concen: 41.50 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

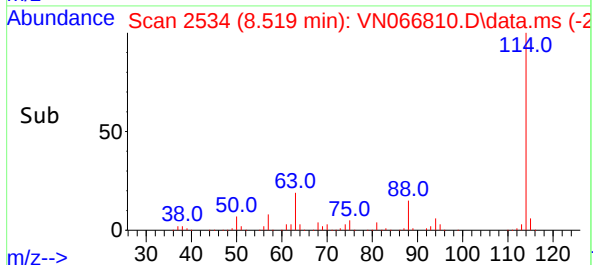
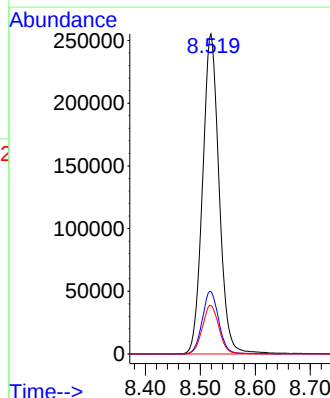
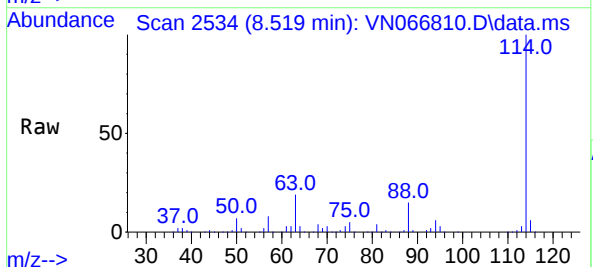
Instrument :
MSVOA_N
ClientSampled :
41765

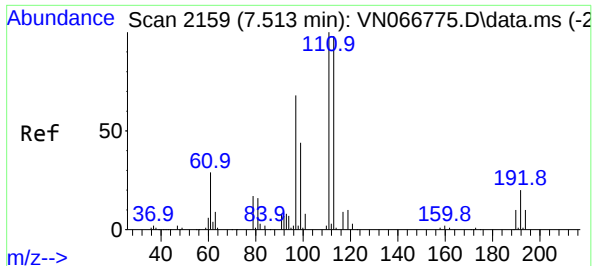
Tgt Ion: 65 Resp: 188886
Ion Ratio Lower Upper
65 100
67 55.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

Tgt Ion: 114 Resp: 532144
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.2 0.0 30.6

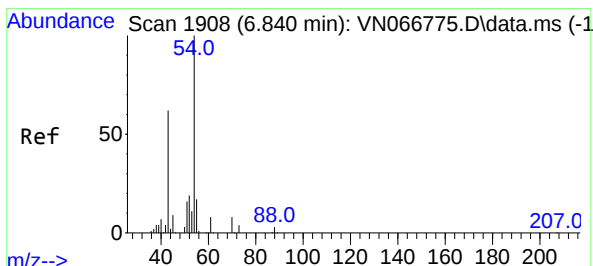
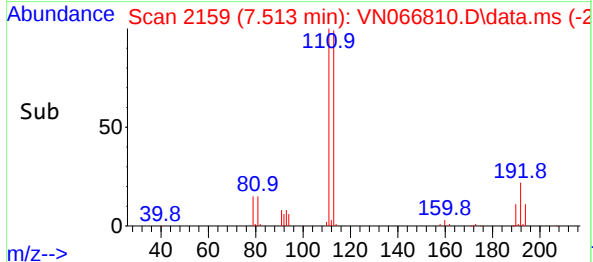
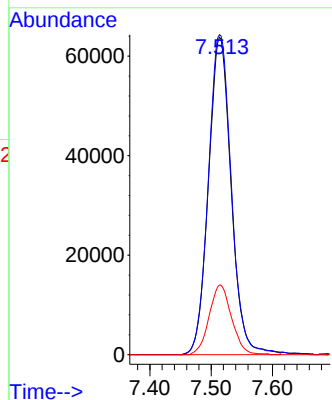
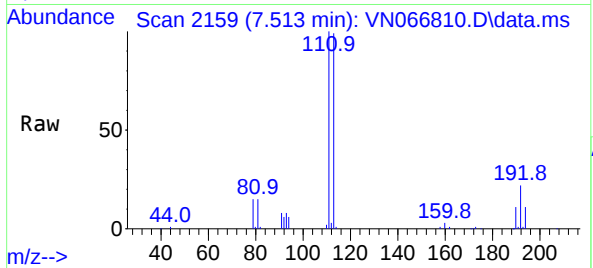




#35
Dibromofluoromethane
Concen: 49.88 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

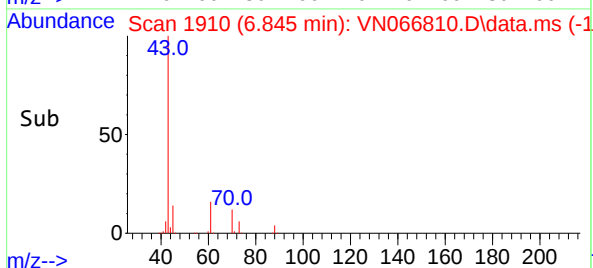
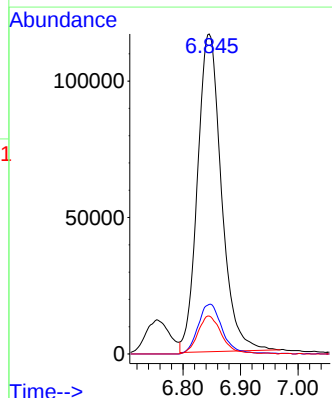
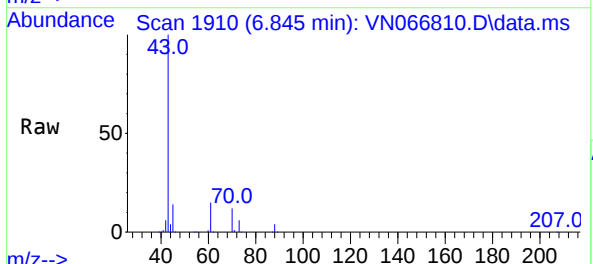
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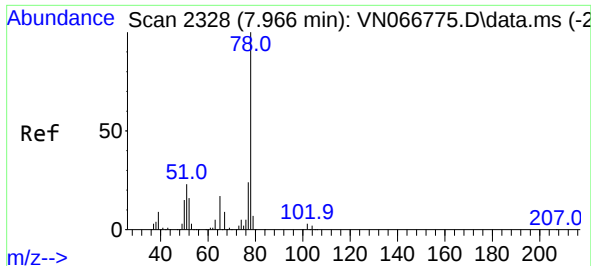
Tgt Ion:113 Resp: 163857
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 21.7 15.4 23.0



#37
Ethyl Acetate
Concen: 64.12 ug/l
RT: 6.845 min Scan# 1910
Delta R.T. 0.005 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

Tgt Ion: 43 Resp: 336729
Ion Ratio Lower Upper
43 100
61 16.0 11.6 17.4
70 11.8 8.6 13.0

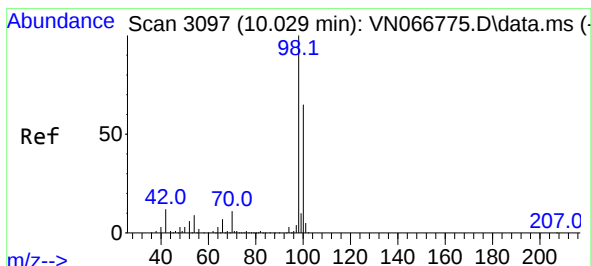
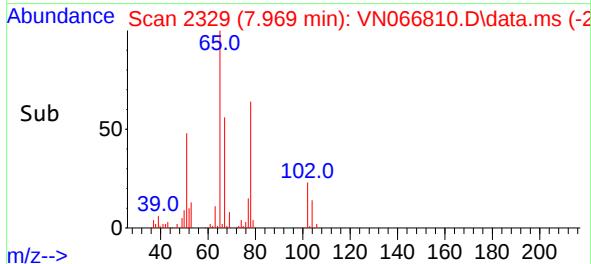
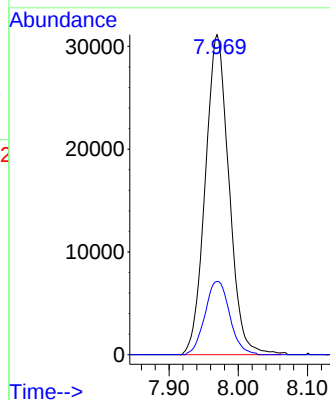
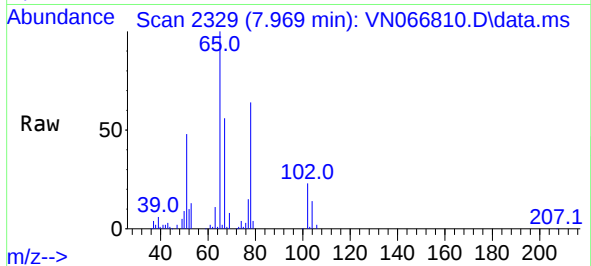




#40
Benzene
Concen: 4.84 ug/l
RT: 7.969 min Scan# 2329
Delta R.T. 0.003 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

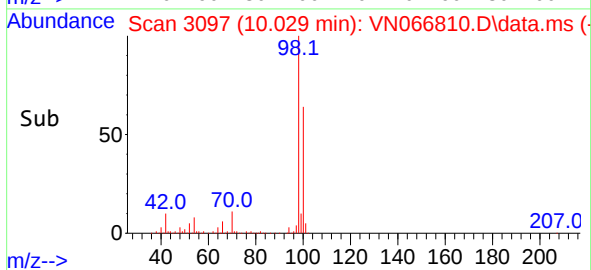
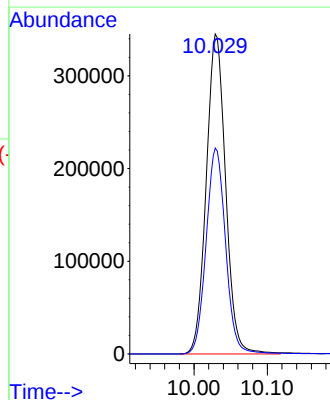
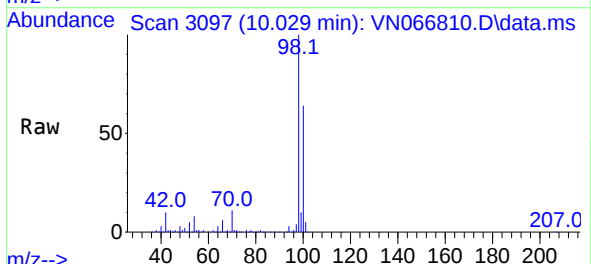
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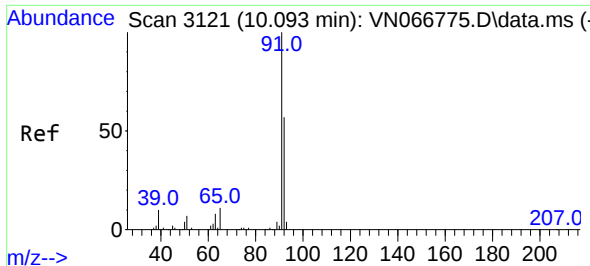
Tgt Ion: 78 Resp: 74222
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4



#50
Toluene-d8
Concen: 49.13 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

Tgt Ion: 98 Resp: 633453
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7

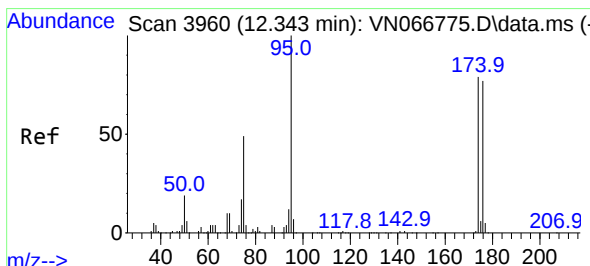
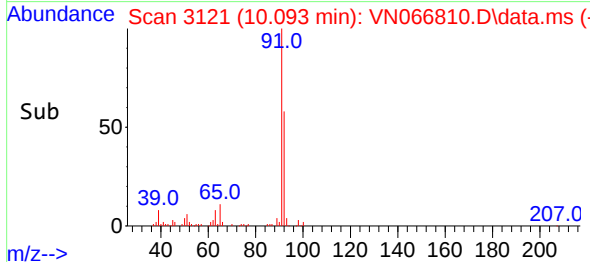
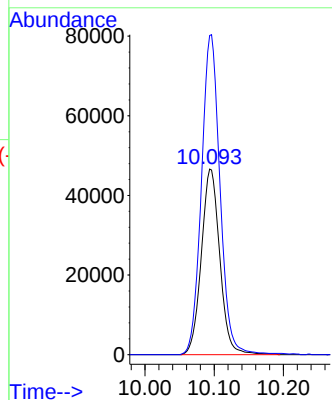
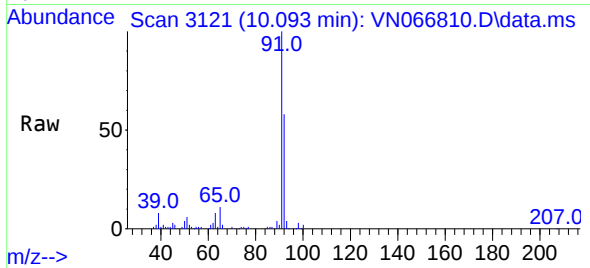




#52
Toluene
Concen: 9.35 ug/l
RT: 10.093 min Scan# 3121
Delta R.T. 0.000 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

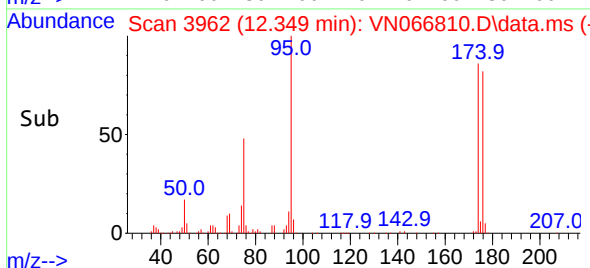
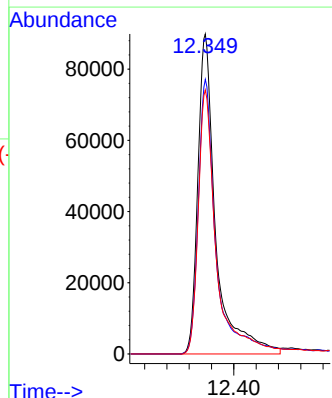
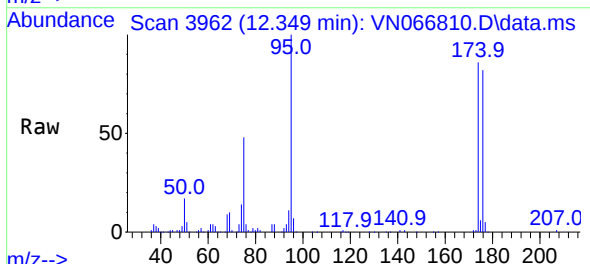
Instrument :
MSVOA_N
ClientSampleId :
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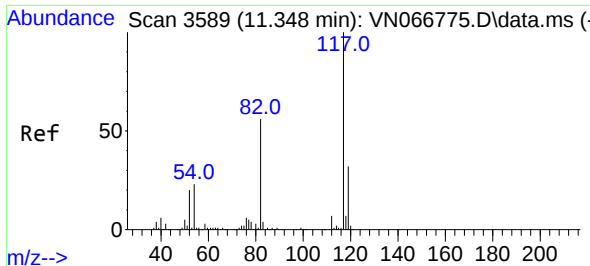
Tgt Ion: 92 Resp: 86320
Ion Ratio Lower Upper
92 100
91 173.3 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 45.99 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

Tgt Ion: 95 Resp: 200629
Ion Ratio Lower Upper
95 100
174 85.4 0.0 169.0
176 83.1 0.0 162.4

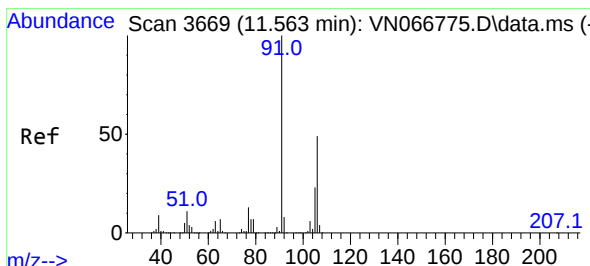
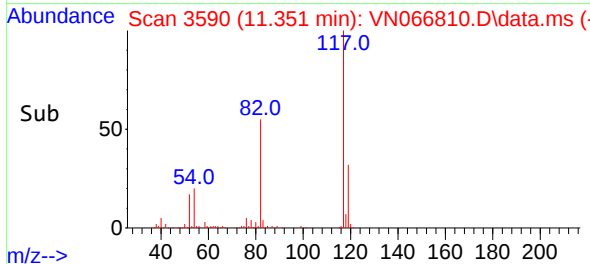
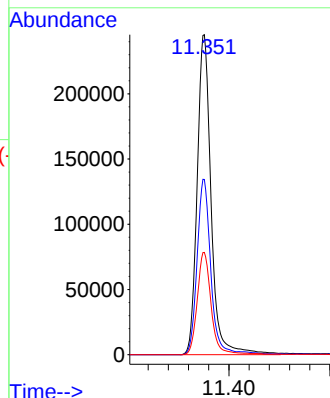
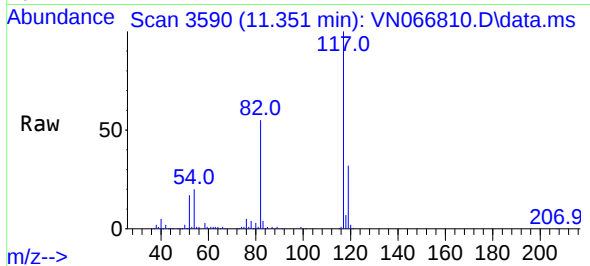




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

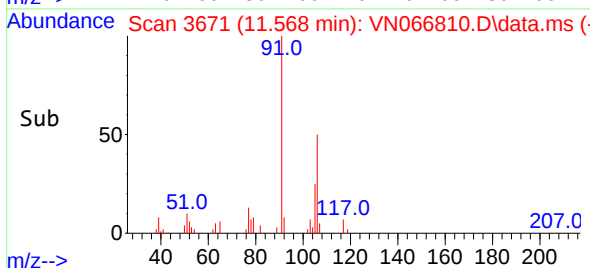
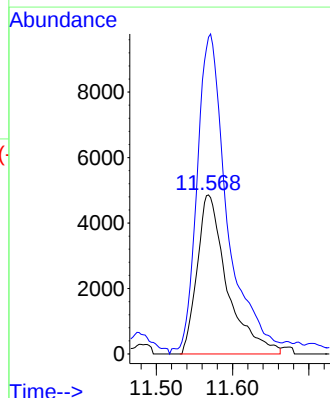
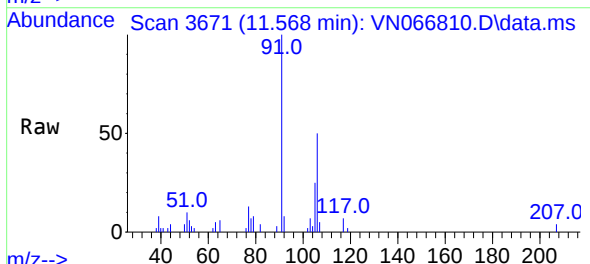
Instrument :
MSVOA_N
ClientSampleId :
41765

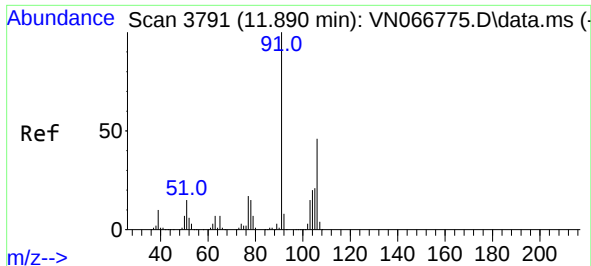
Tgt Ion:117 Resp: 470305
Ion Ratio Lower Upper
117 100
82 54.8 43.7 65.5
119 31.9 26.1 39.1



#68
m/p-Xylenes
Concen: 2.18 ug/l
RT: 11.568 min Scan# 3671
Delta R.T. 0.005 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

Tgt Ion:106 Resp: 13243
Ion Ratio Lower Upper
106 100
91 204.2 161.4 242.0

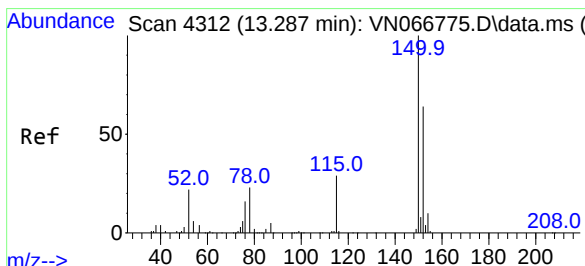
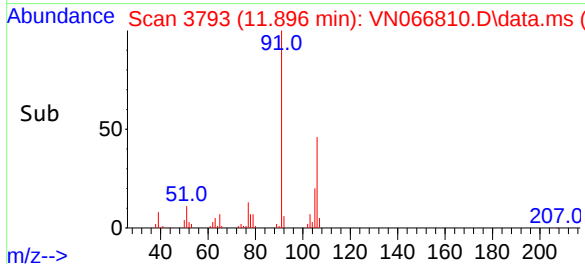
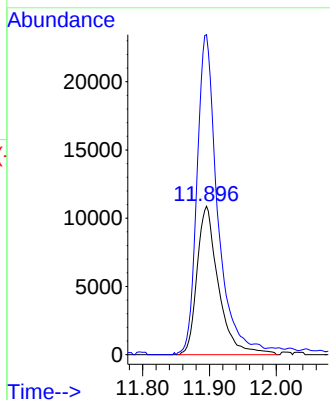
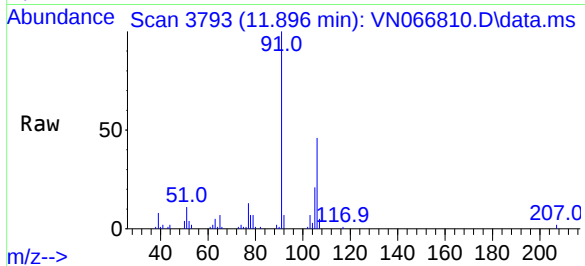




#69
o-Xylene
Concen: 4.00 ug/l
RT: 11.896 min Scan# 3793
Delta R.T. 0.006 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

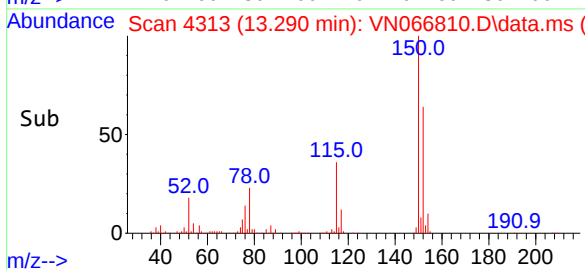
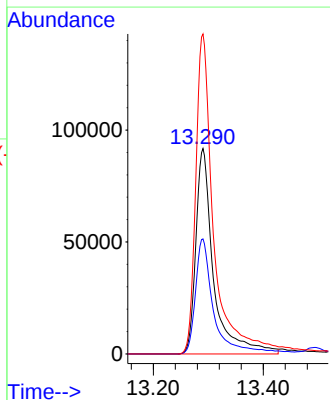
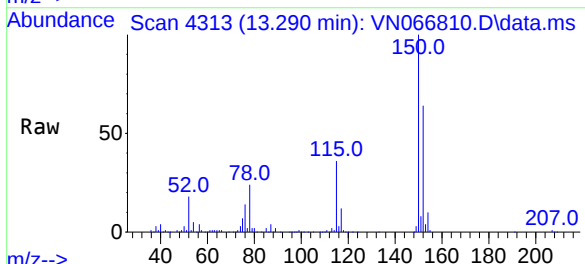
Instrument :
MSVOA_N
ClientSampled :
41765

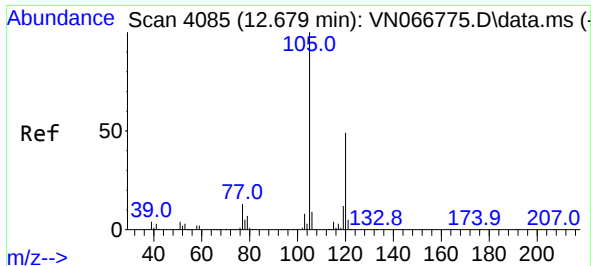
Tgt Ion:106 Resp: 24283
Ion Ratio Lower Upper
106 100
91 204.8 106.8 320.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

Tgt Ion:152 Resp: 206279
Ion Ratio Lower Upper
152 100
115 55.5 28.5 85.6
150 161.8 0.0 347.6

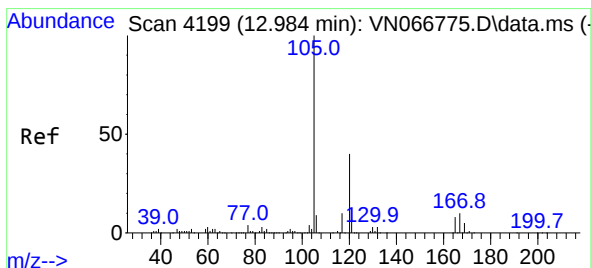
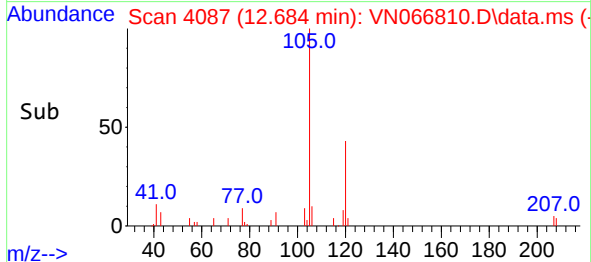
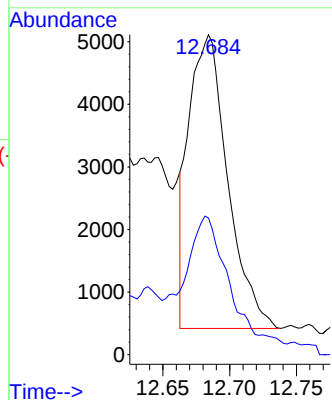
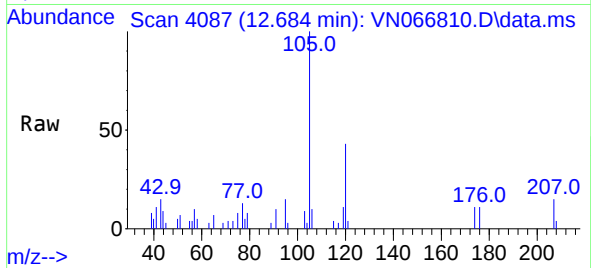




#80
1,3,5-Trimethylbenzene
Concen: 0.74 ug/l
RT: 12.684 min Scan# 4087
Delta R.T. 0.005 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

Instrument :
MSVOA_N
ClientSampled :
41765

Tgt Ion:105 Resp: 9495
Ion Ratio Lower Upper
105 100
120 43.8 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 0.57 ug/l
RT: 12.995 min Scan# 4203
Delta R.T. 0.011 min
Lab File: VN066810.D
Acq: 28 Apr 2021 14:22

Tgt Ion:105 Resp: 6811
Ion Ratio Lower Upper
105 100
120 52.4 22.4 67.0

