

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042021\
 Data File : VN066684.D
 Acq On : 20 Apr 2021 16:27
 Operator : JC/MD
 Sample : M2032-02 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HOLDING-TANK-260

Quant Time: Apr 21 10:08:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Apr 20 12:52:17 2021
 Response via : Initial Calibration

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

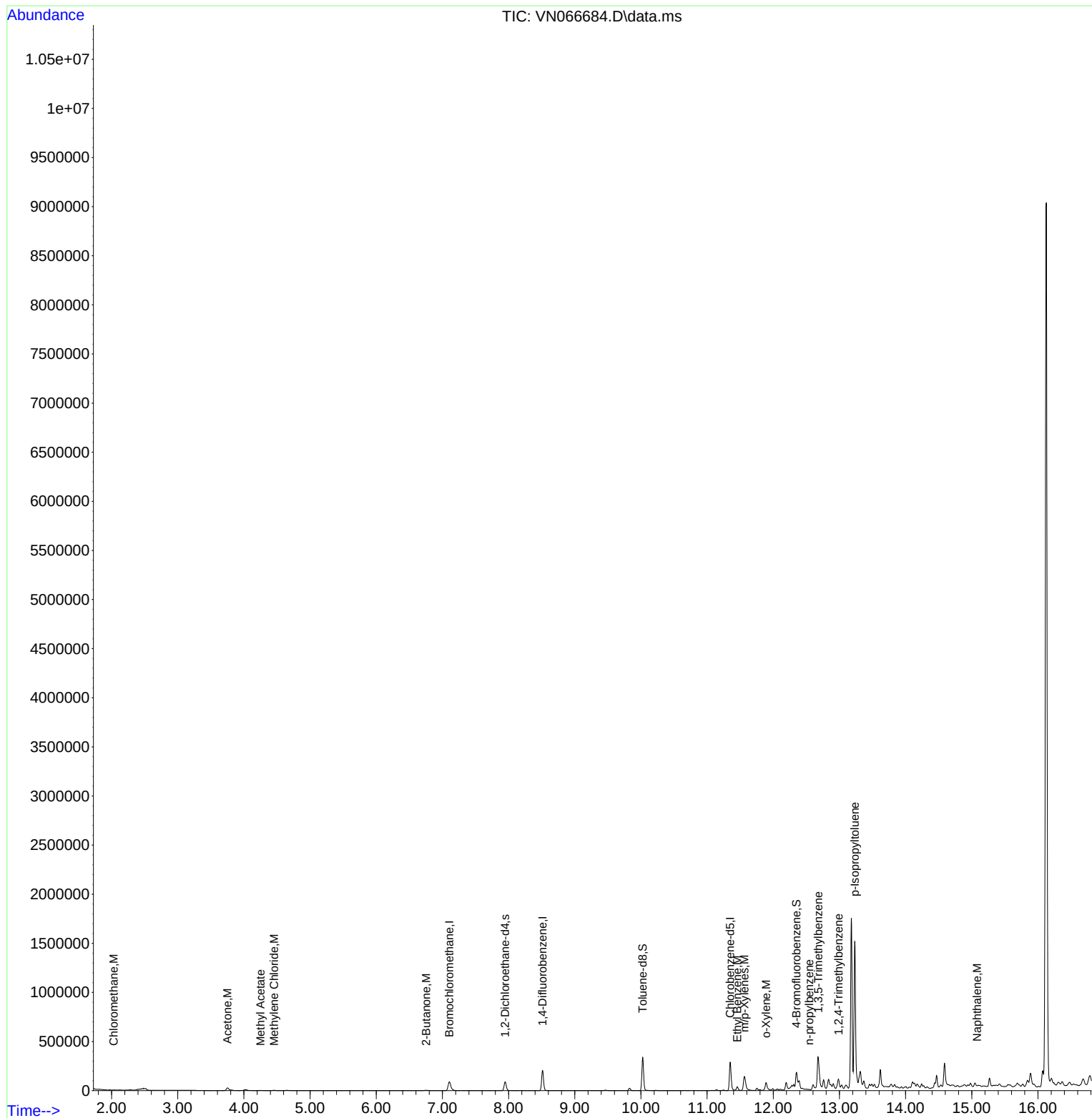
Internal Standards						
1) Bromochloromethane	7.106	128	35327	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.514	114	183933	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.348	117	182372	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.948	65	78221	30.73	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.43%			
60) 4-Bromofluorobenzene	12.349	95	80082	28.02	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.40%			
63) Toluene-d8	10.026	98	240279	28.64	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 95.47%			
Target Compounds						Qvalue
3) Chloromethane	2.031	50	1456	0.54	ug/l	95
12) Methyl Acetate	4.249	43	4495	1.80	ug/l #	89
15) Acetone	3.750	58	15200	52.65	ug/l	85
18) Methylene Chloride	4.456	84	2616	1.11	ug/l	96
30) 2-Butanone	6.754	43	4584	3.28	ug/l #	76
66) Ethyl Benzene	11.456	91	29289	2.65	ug/l	99
67) m/p-Xylenes	11.563	106	49445	11.91	ug/l	97
68) o-Xylene	11.893	106	24523	6.09	ug/l	93
74) n-propylbenzene	12.542	91	5089	0.42	ug/l	96
76) 1,3,5-Trimethylbenzene	12.679	105	56496	6.35	ug/l	100
80) 1,2,4-Trimethylbenzene	12.987	105	54132	6.34	ug/l	100
82) p-Isopropyltoluene	13.231	119	825164	97.34	ug/l	99
91) Naphthalene	15.079	128	5947	0.99	ug/l #	71

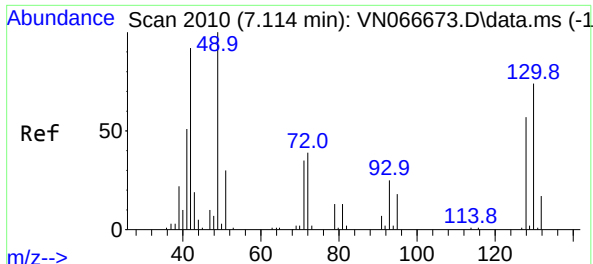
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
HOLDING-TANK-260

Quant Time: Apr 21 10:08:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Apr 20 12:52:17 2021
Response via : Initial Calibration

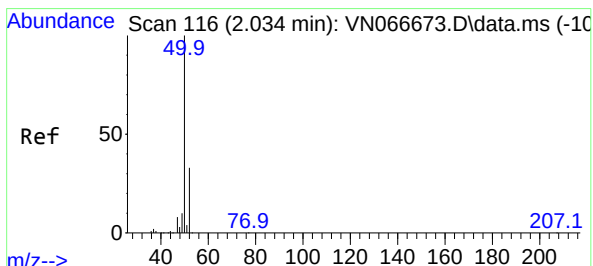
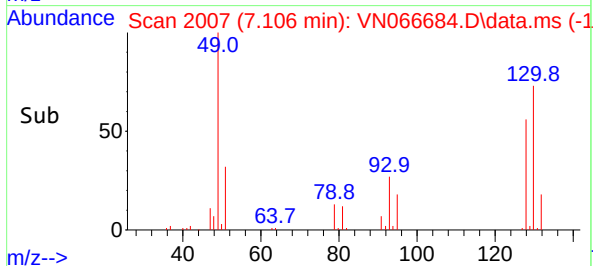
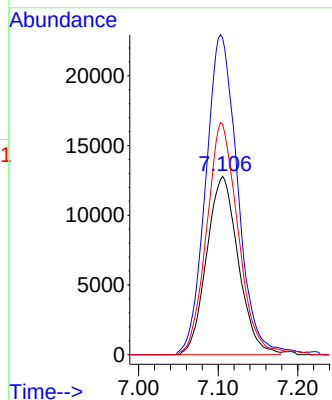
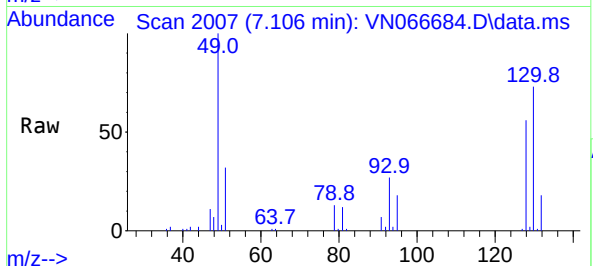




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.106 min Scan# 2007
Delta R.T. -0.008 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

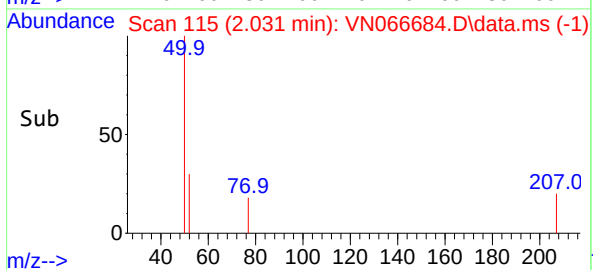
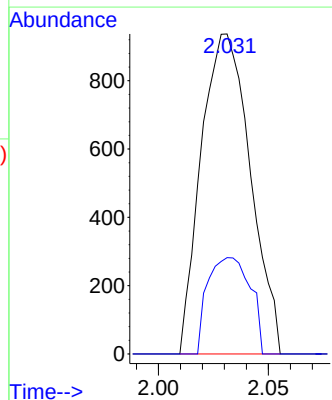
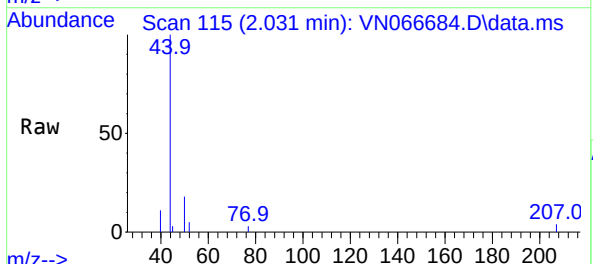
Instrument :
MSVOA_N
ClientSampleId :
HOLDING-TANK-260

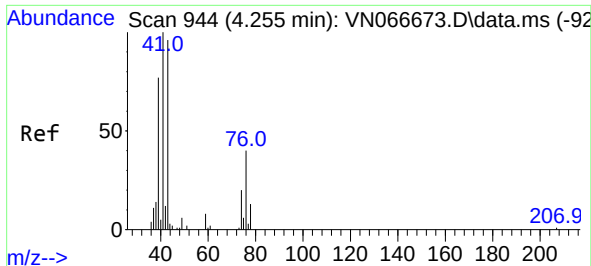
Tgt Ion:128 Resp: 35327
Ion Ratio Lower Upper
128 100
49 181.3 0.0 429.3
130 129.3 0.0 328.5



#3
Chloromethane
Concen: 0.54 ug/l
RT: 2.031 min Scan# 115
Delta R.T. -0.003 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

Tgt Ion: 50 Resp: 1456
Ion Ratio Lower Upper
50 100
52 30.1 26.2 39.4

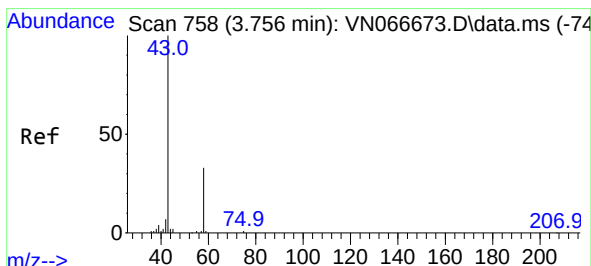
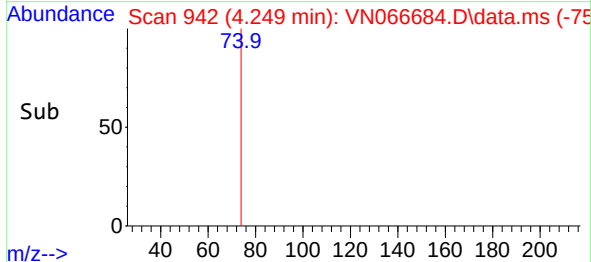
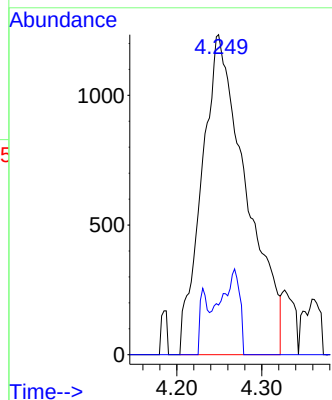
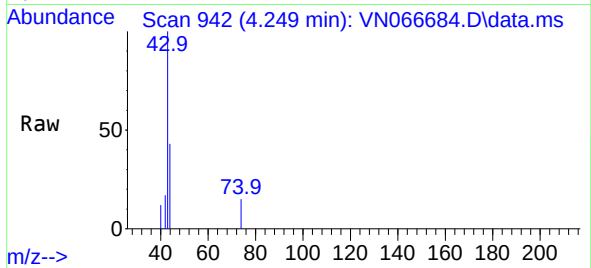




#12
Methyl Acetate
Concen: 1.80 ug/l
RT: 4.249 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

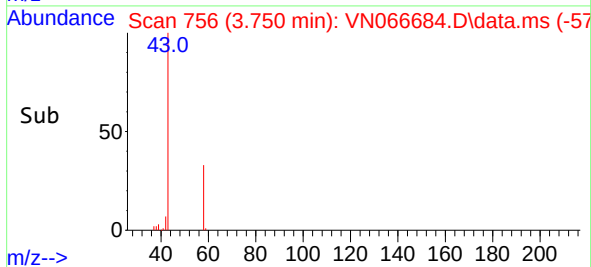
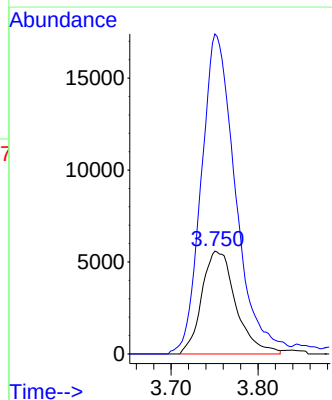
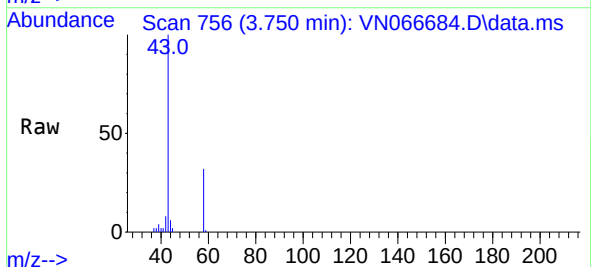
Instrument :
MSVOA_N
ClientSampleId :
HOLDING-TANK-260

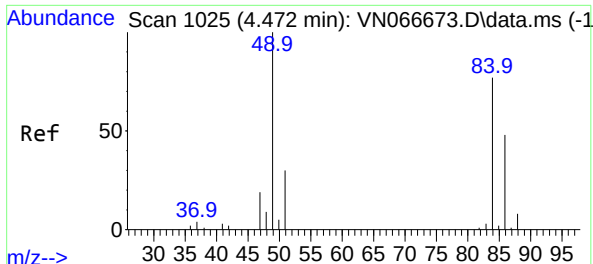
Tgt Ion: 43 Resp: 4495
Ion Ratio Lower Upper
43 100
74 17.0 18.0 27.0#



#15
Acetone
Concen: 52.65 ug/l
RT: 3.750 min Scan# 756
Delta R.T. -0.006 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

Tgt Ion: 58 Resp: 15200
Ion Ratio Lower Upper
58 100
43 302.0 267.3 400.9



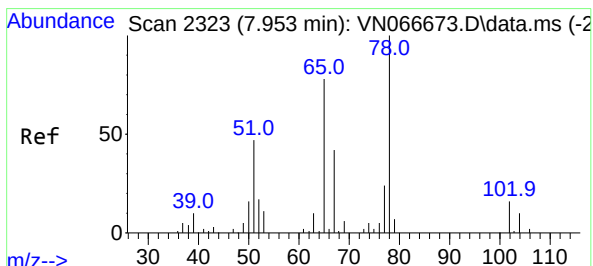
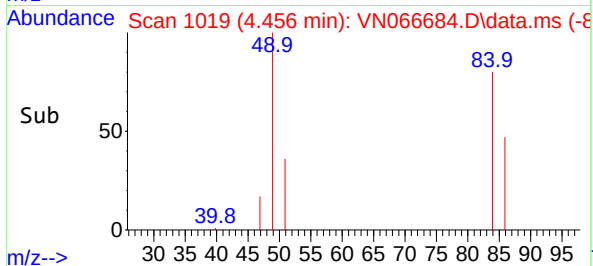
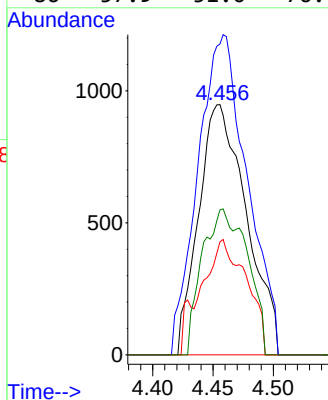
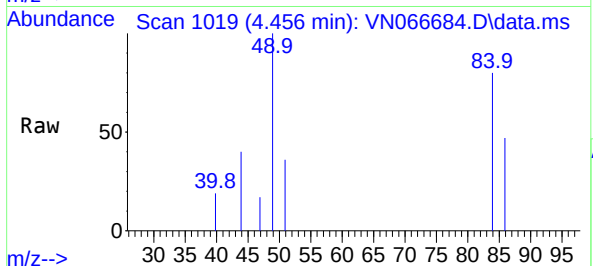


#18
Methylene Chloride
Concen: 1.11 ug/l
RT: 4.456 min Scan# 1019
Delta R.T. -0.016 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

Instrument :
MSVOA_N
ClientSampleId :
HOLDING-TANK-260

Tgt Ion: 84 Resp: 2616

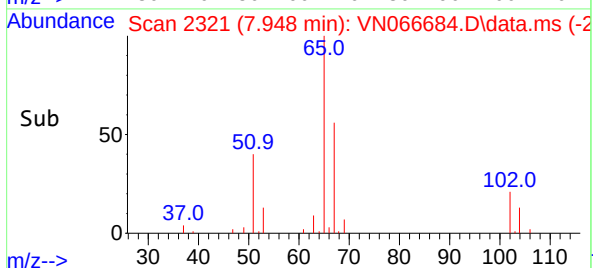
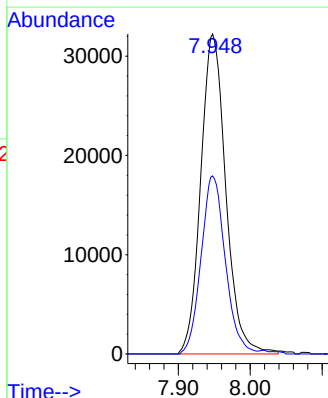
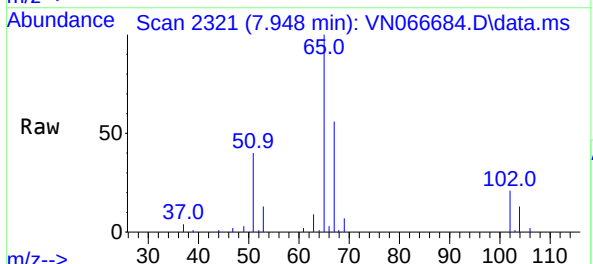
Ion	Ratio	Lower	Upper
84	100		
49	124.3	98.9	148.3
51	45.1	30.8	46.2
86	57.9	51.0	76.4

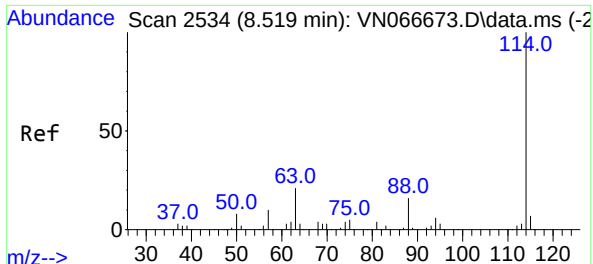


#27
1,2-Dichloroethane-d4
Concen: 30.73 ug/l
RT: 7.948 min Scan# 2321
Delta R.T. -0.005 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

Tgt Ion: 65 Resp: 78221

Ion	Ratio	Lower	Upper
65	100		
67	53.8	42.2	63.4



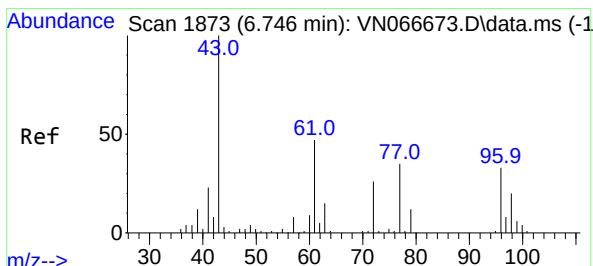
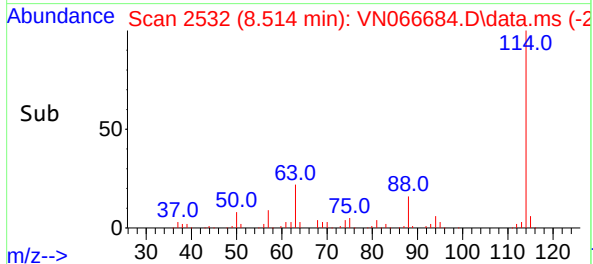
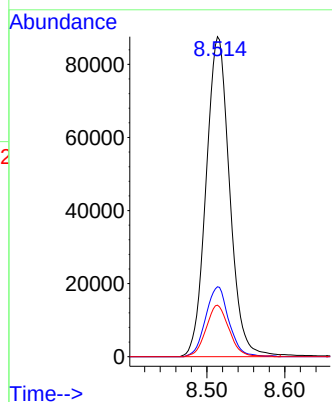
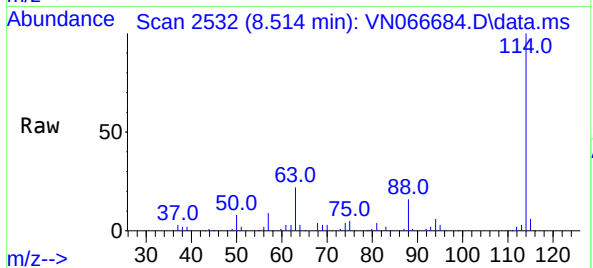


#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.514 min Scan# 2532
Delta R.T. -0.005 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

Instrument :
MSVOA_N
ClientSampleId :
HOLDING-TANK-260

Tgt Ion:114 Resp: 183933

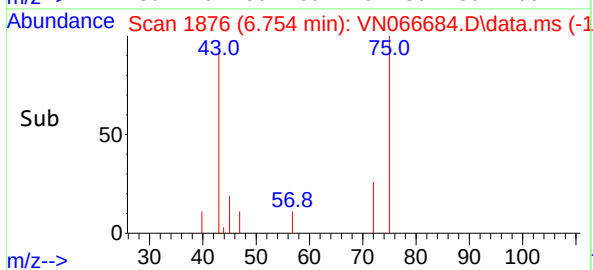
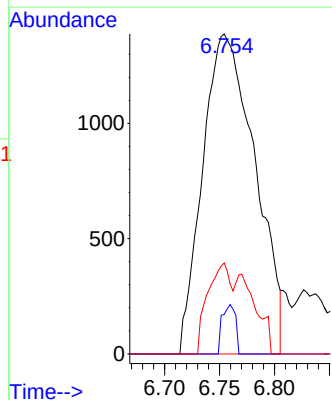
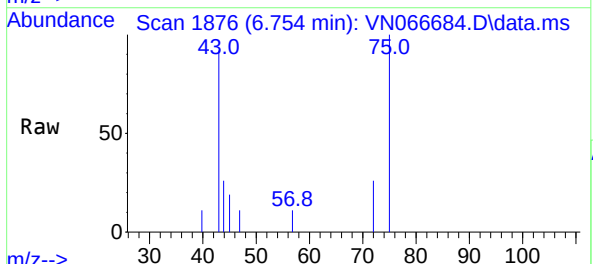
Ion	Ratio	Lower	Upper
114	100		
63	21.6	17.4	26.0
88	15.7	12.6	19.0

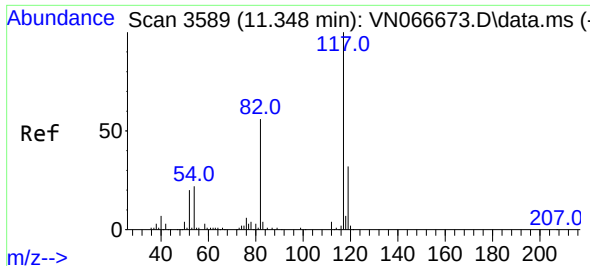


#30
2-Butanone
Concen: 3.28 ug/l
RT: 6.754 min Scan# 1876
Delta R.T. 0.008 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

Tgt Ion: 43 Resp: 4584

Ion	Ratio	Lower	Upper
43	100		
57	2.7	6.9	10.3#
72	12.7	20.9	31.3#



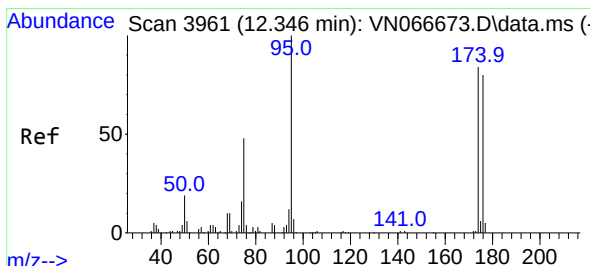
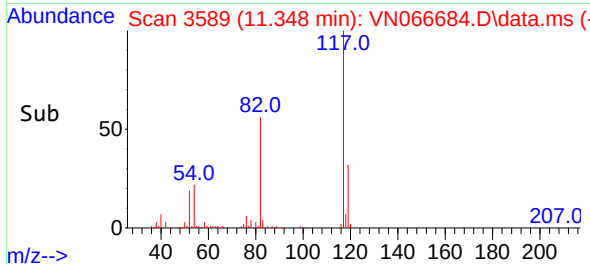
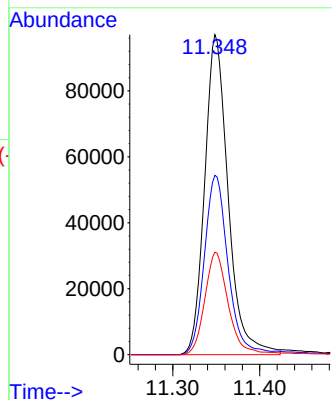
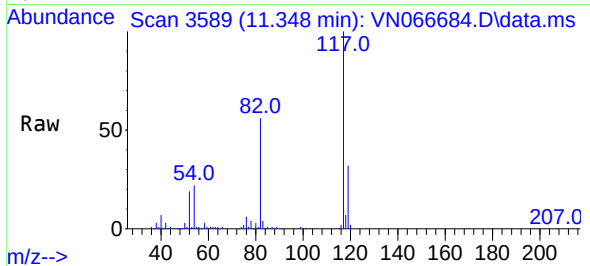


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

Instrument :
MSVOA_N
ClientSampleId :
HOLDING-TANK-260

Tgt Ion:117 Resp: 182372

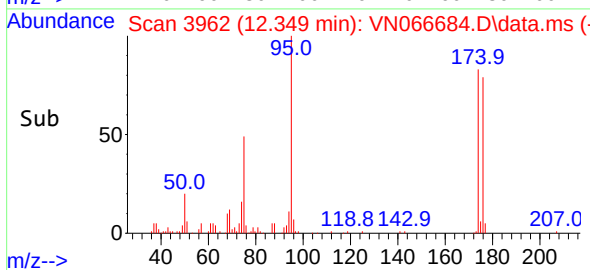
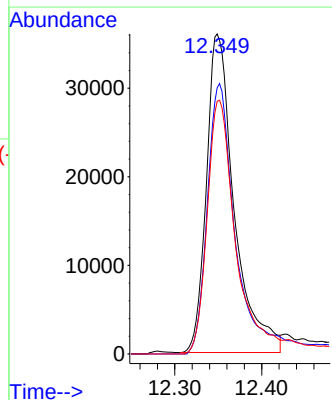
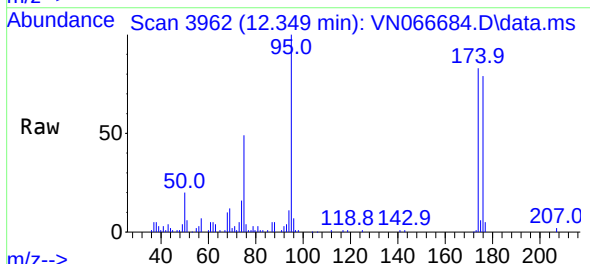
Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.0	67.6
119	31.5	25.5	38.3

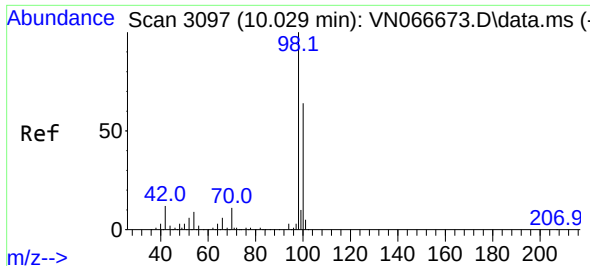


#60
4-Bromofluorobenzene
Concen: 28.02 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.003 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

Tgt Ion: 95 Resp: 80082

Ion	Ratio	Lower	Upper
95	100		
174	87.7	68.1	102.1
176	79.4	65.4	98.0

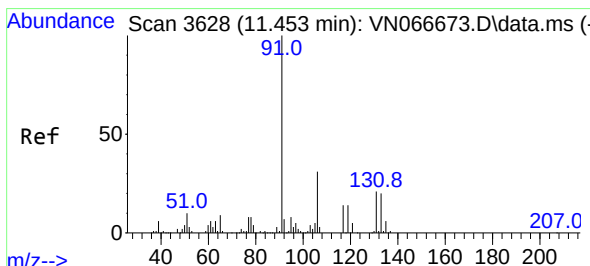
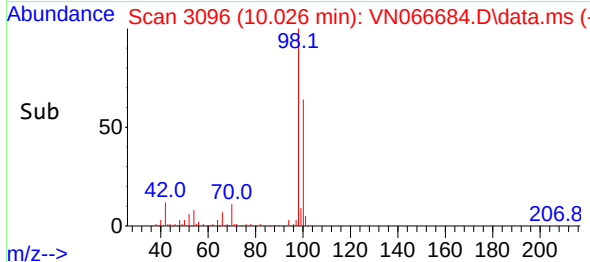
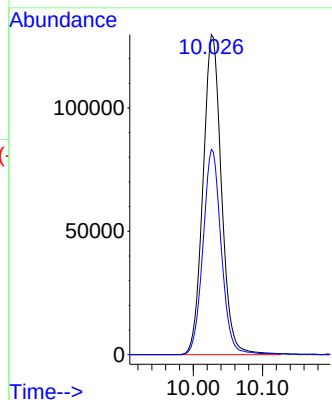
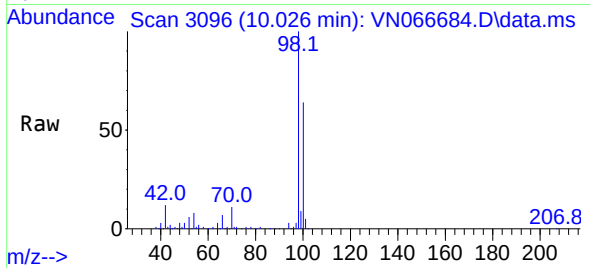




#63
Toluene-d8
Concen: 28.64 ug/l
RT: 10.026 min Scan# 3096
Delta R.T. -0.003 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

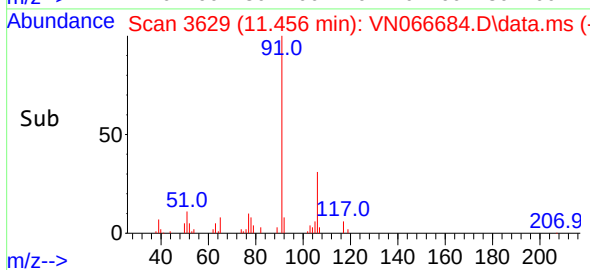
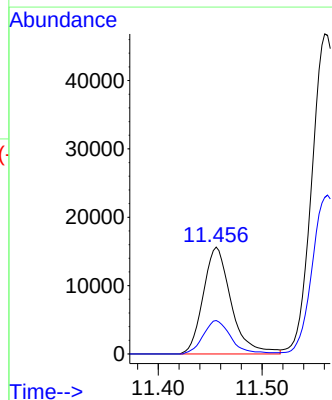
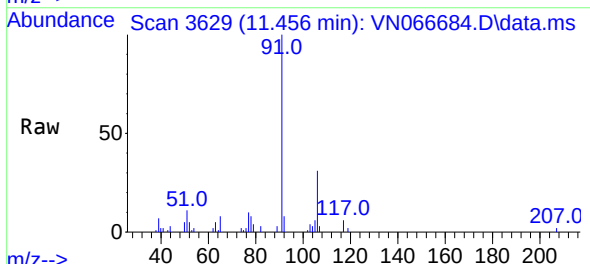
Instrument :
MSVOA_N
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HOLDING-TANK-260

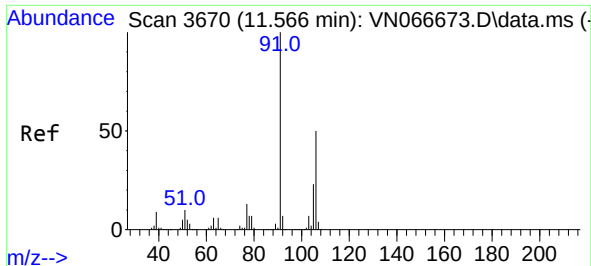
Tgt Ion: 98 Resp: 240279
Ion Ratio Lower Upper
98 100
100 63.2 51.1 76.7



#66
Ethyl Benzene
Concen: 2.65 ug/l
RT: 11.456 min Scan# 3629
Delta R.T. 0.003 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

Tgt Ion: 91 Resp: 29289
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3

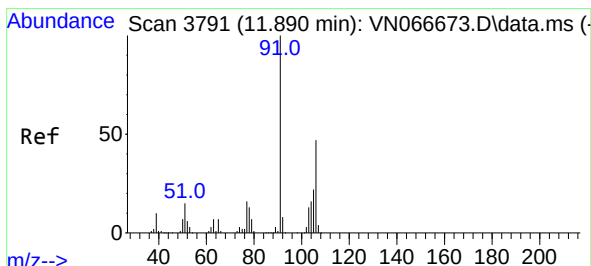
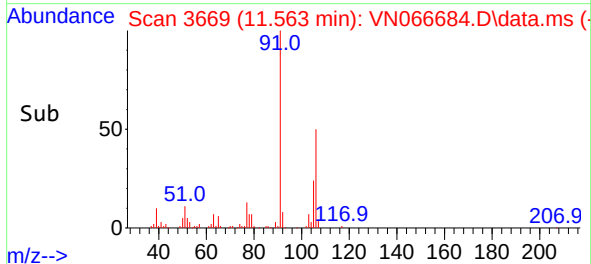
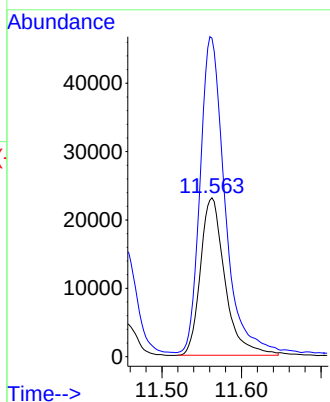
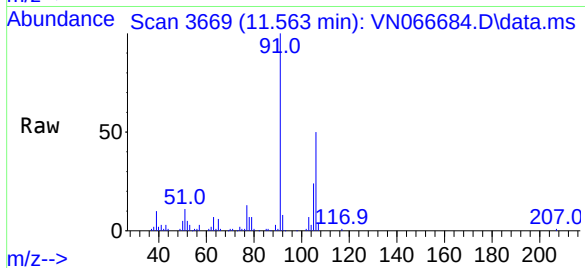




#67
m/p-Xylenes
Concen: 11.91 ug/l
RT: 11.563 min Scan# 3669
Delta R.T. -0.003 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

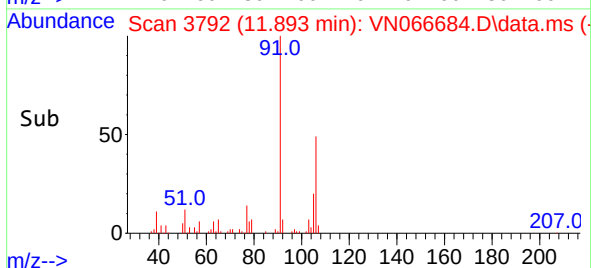
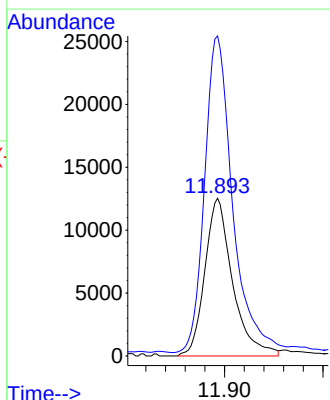
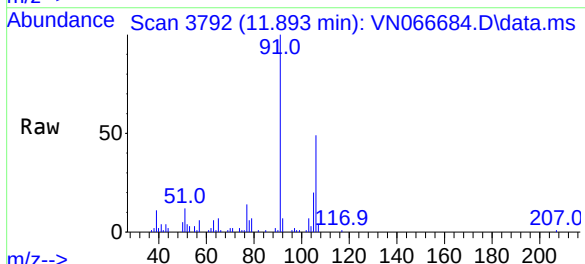
Instrument :
MSVOA_N
ClientSampleId :
HOLDING-TANK-260

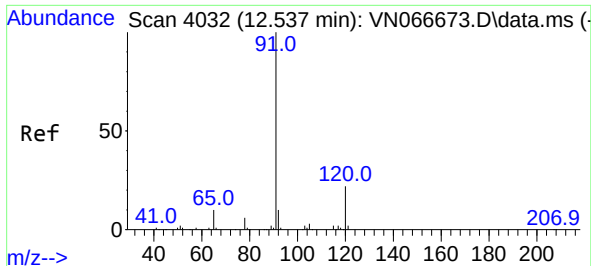
Tgt Ion:106 Resp: 49445
Ion Ratio Lower Upper
106 100
91 201.8 164.8 247.2



#68
o-Xylene
Concen: 6.09 ug/l
RT: 11.893 min Scan# 3792
Delta R.T. 0.003 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

Tgt Ion:106 Resp: 24523
Ion Ratio Lower Upper
106 100
91 203.4 107.1 321.4

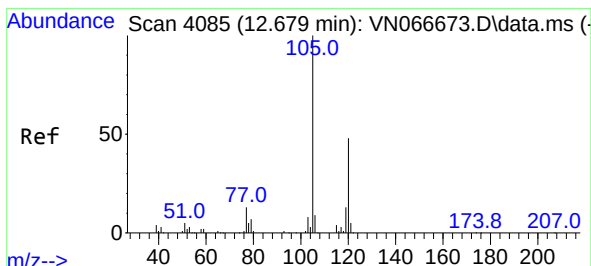
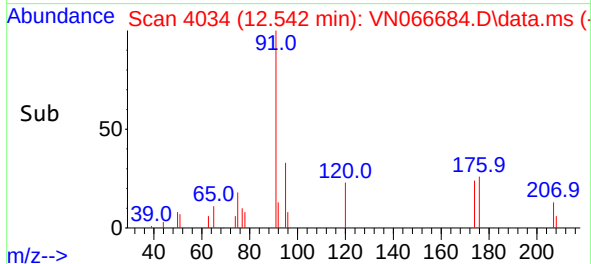
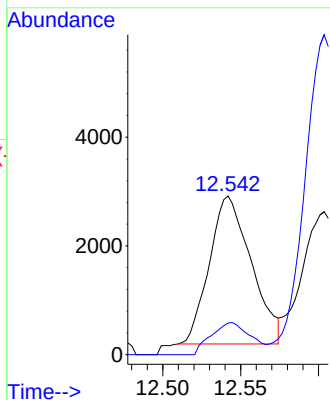
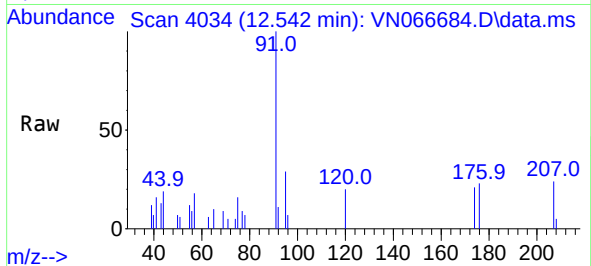




#74
n-propylbenzene
Concen: 0.42 ug/l
RT: 12.542 min Scan# 4034
Delta R.T. 0.005 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

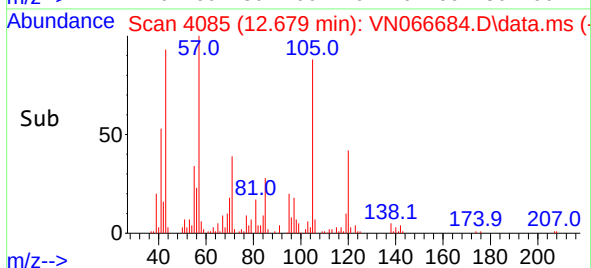
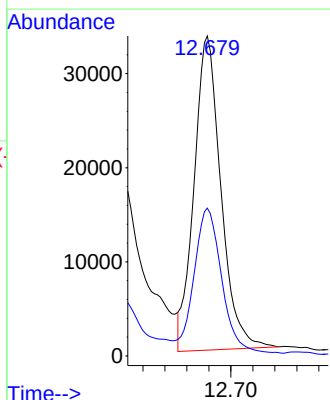
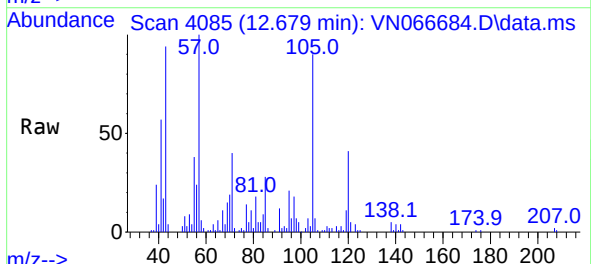
Instrument :
MSVOA_N
ClientSampleId :
HOLDING-TANK-260

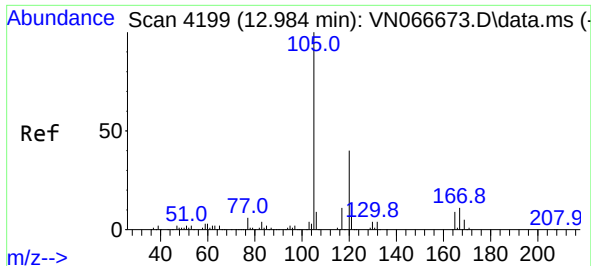
Tgt Ion: 91 Resp: 5089
Ion Ratio Lower Upper
91 100
120 20.4 0.0 45.2



#76
1,3,5-Trimethylbenzene
Concen: 6.35 ug/l
RT: 12.679 min Scan# 4085
Delta R.T. -0.000 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

Tgt Ion:105 Resp: 56496
Ion Ratio Lower Upper
105 100
120 49.1 0.0 98.2

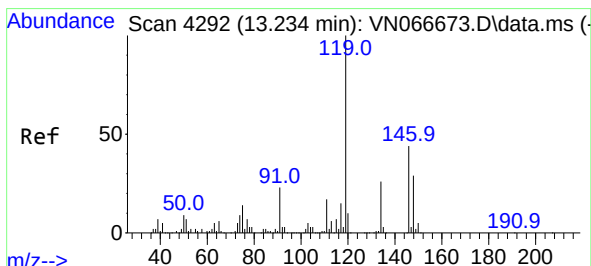
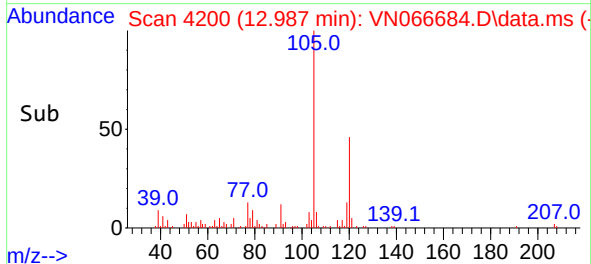
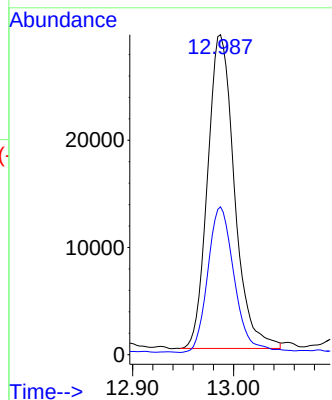
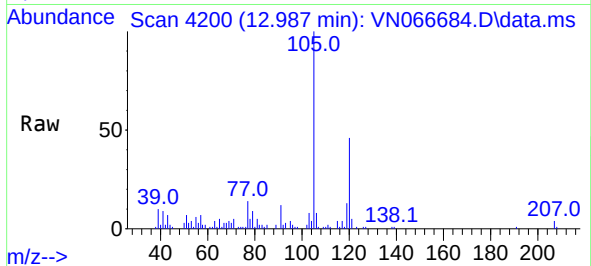




#80
1,2,4-Trimethylbenzene
Concen: 6.34 ug/l
RT: 12.987 min Scan# 4200
Delta R.T. 0.003 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

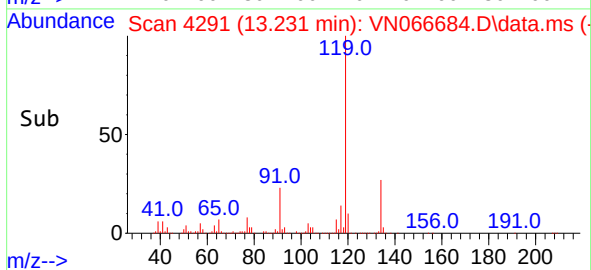
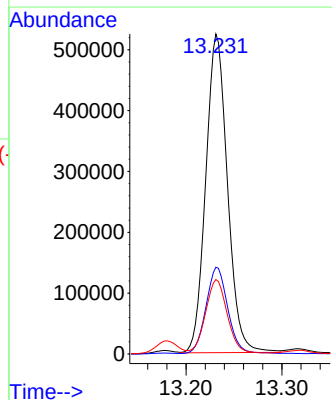
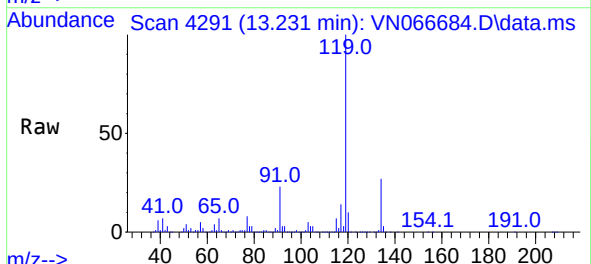
Instrument :
MSVOA_N
ClientSampleId :
HOLDING-TANK-260

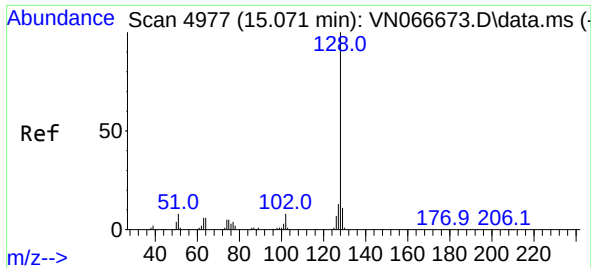
Tgt Ion:105 Resp: 54132
Ion Ratio Lower Upper
105 100
120 45.5 0.0 90.6



#82
p-Isopropyltoluene
Concen: 97.34 ug/l
RT: 13.231 min Scan# 4291
Delta R.T. -0.003 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

Tgt Ion:119 Resp: 825164
Ion Ratio Lower Upper
119 100
134 26.9 0.0 53.4
91 23.5 0.0 47.6





#91
Naphthalene
Concen: 0.99 ug/l
RT: 15.079 min Scan# 4980
Delta R.T. 0.008 min
Lab File: VN066684.D
Acq: 20 Apr 2021 16:27

Instrument :
MSVOA_N
ClientSampleId :
HOLDING-TANK-260

Tgt Ion:128 Resp: 5947
Ion Ratio Lower Upper
128 100
127 0.5 10.2 15.2#
129 1.1 8.6 13.0#

