

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033121\
 Data File : VN066439.D
 Acq On : 31 Mar 2021 13:24
 Operator : JC/MD
 Sample : M1835-05 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ASR12

Quant Time: Apr 01 01:36:32 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)

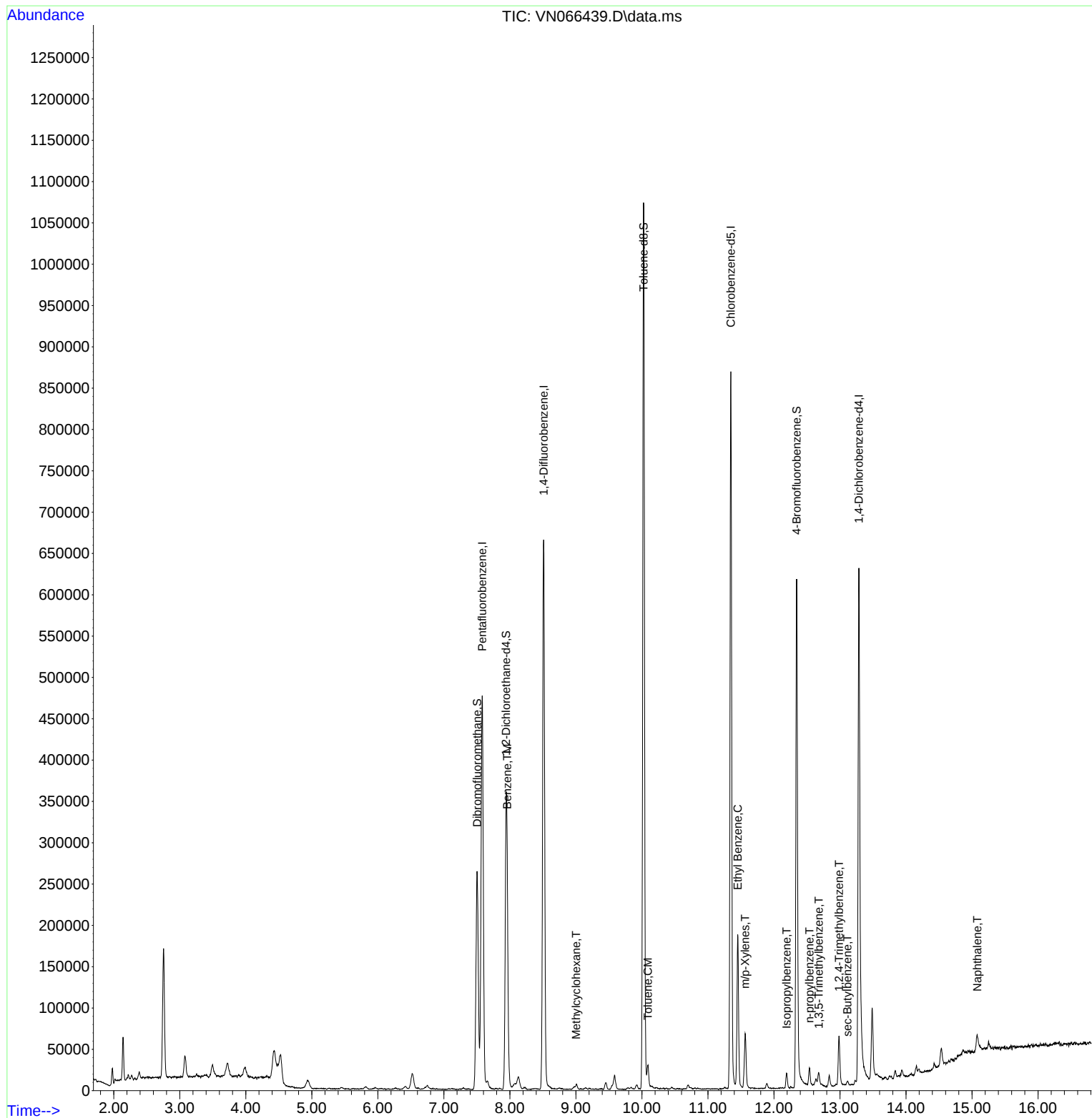
Internal Standards						
1) Pentafluorobenzene	7.582	168	391723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	595308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	500464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	199629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	252076	48.41	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.82%		
35) Dibromofluoromethane	7.504	113	199502	50.55	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.10%		
50) Toluene-d8	10.025	98	742159	49.58	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.16%		
62) 4-Bromofluorobenzene	12.345	95	215745	41.49	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	82.98%#		
Target Compounds						Qvalue
39) Methylcyclohexane	9.006	83	2350	0.34	ug/l #	88
40) Benzene	7.960	78	94775	5.61	ug/l	100
52) Toluene	10.092	92	10346	1.00	ug/l	95
67) Ethyl Benzene	11.452	91	133182	7.35	ug/l	99
68) m/p-Xylenes	11.564	106	22099	3.21	ug/l	91
73) Isopropylbenzene	12.192	105	11451	0.77	ug/l	97
78) n-propylbenzene	12.538	91	18056	1.12	ug/l	97
80) 1,3,5-Trimethylbenzene	12.680	105	9313	0.77	ug/l	97
84) 1,2,4-Trimethylbenzene	12.986	105	38821	3.29	ug/l	98
85) sec-Butylbenzene	13.115	105	4150	0.31	ug/l	87
95) Naphthalene	15.080	128	24186	3.16	ug/l	96

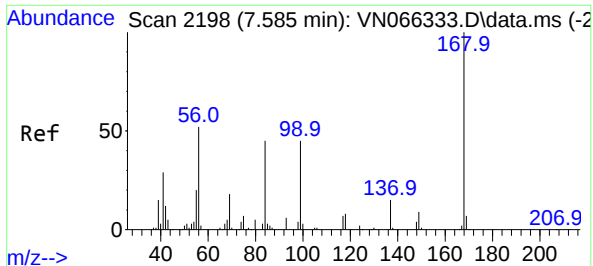
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

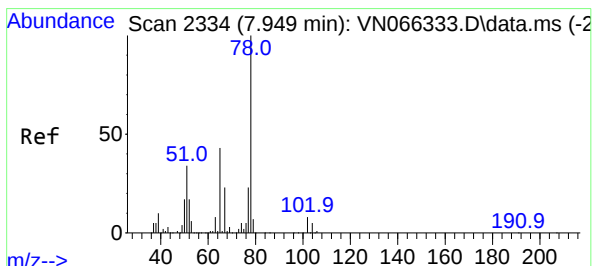
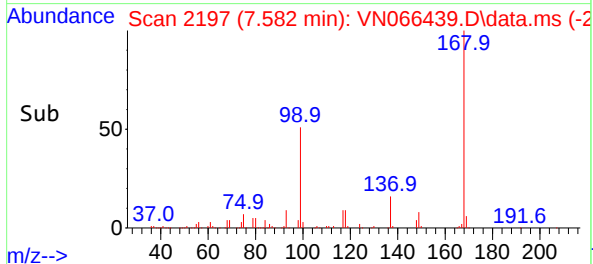
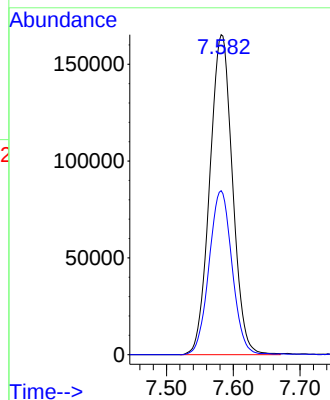
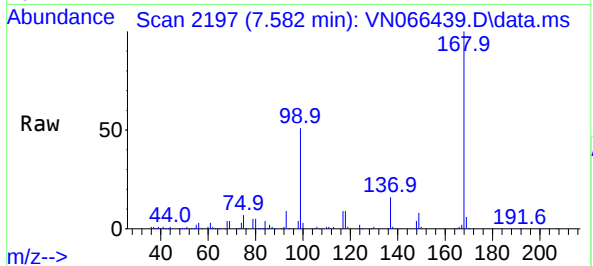




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VN066439.D
Acq: 31 Mar 2021 13:24

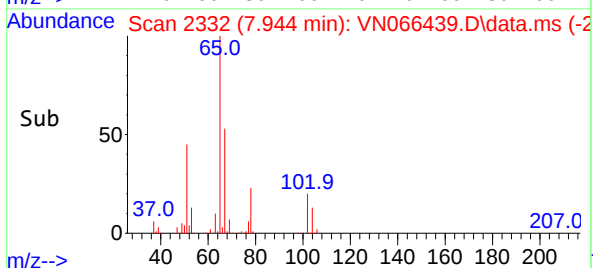
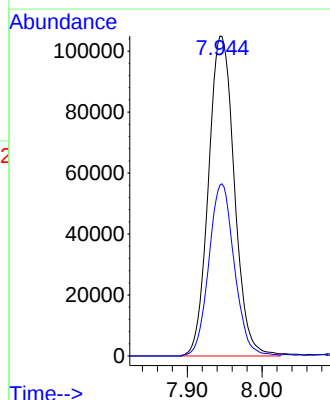
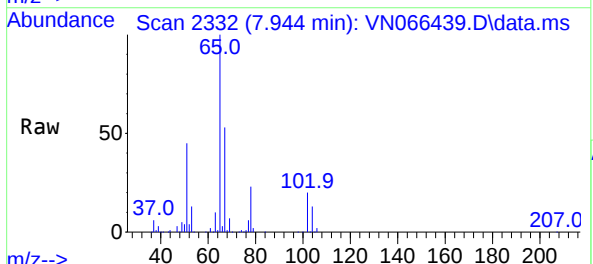
Instrument :
MSVOA_N
ClientSampleId :
ASR12

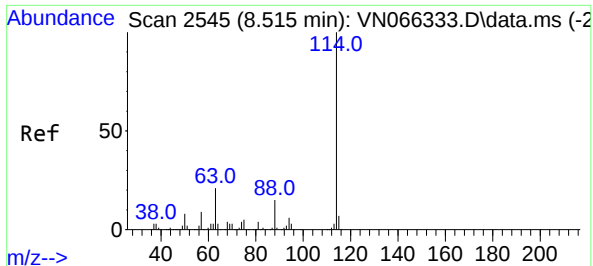
Tgt Ion:168 Resp: 391723
Ion Ratio Lower Upper
168 100
99 51.3 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 48.41 ug/l
RT: 7.944 min Scan# 2332
Delta R.T. -0.005 min
Lab File: VN066439.D
Acq: 31 Mar 2021 13:24

Tgt Ion: 65 Resp: 252076
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.2



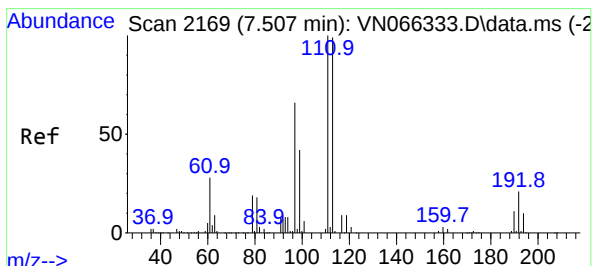
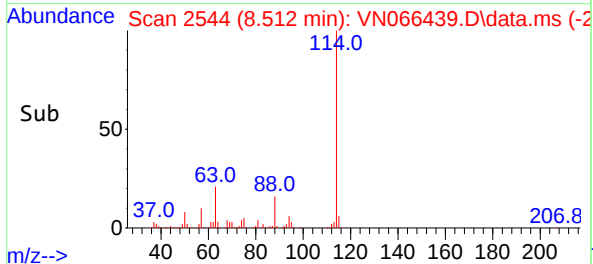
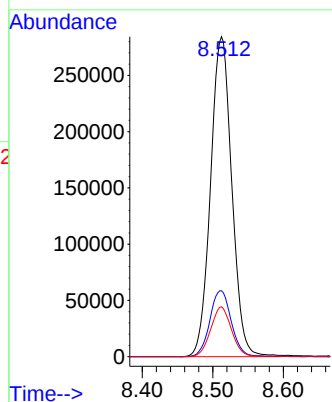
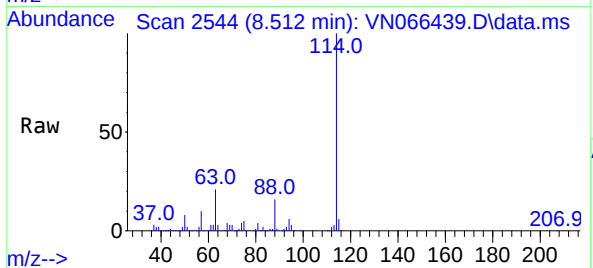


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066439.D
Acq: 31 Mar 2021 13:24

Instrument :
MSVOA_N
ClientSampleId :
ASR12

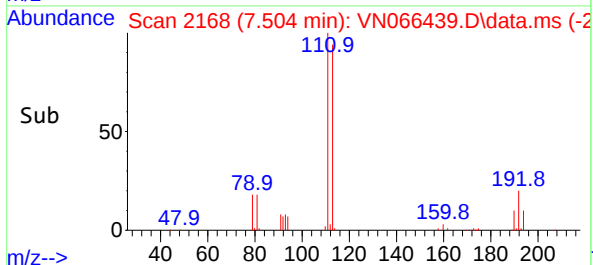
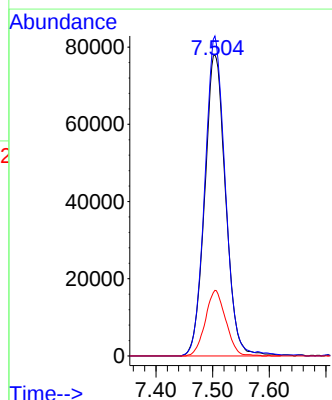
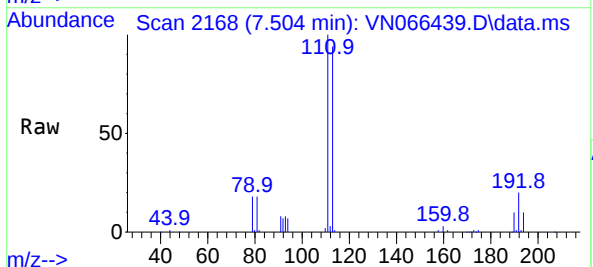
Tgt Ion:114 Resp: 595308
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.0
88 15.6 0.0 31.0

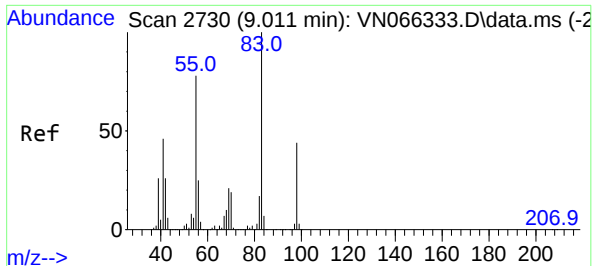


#35

Dibromofluoromethane
Concen: 50.55 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. -0.003 min
Lab File: VN066439.D
Acq: 31 Mar 2021 13:24

Tgt Ion:113 Resp: 199502
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 21.4 17.1 25.7





#39

Methylcyclohexane

Concen: 0.34 ug/l

RT: 9.006 min Scan# 2728

Delta R.T. -0.006 min

Lab File: VN066439.D

Acq: 31 Mar 2021 13:24

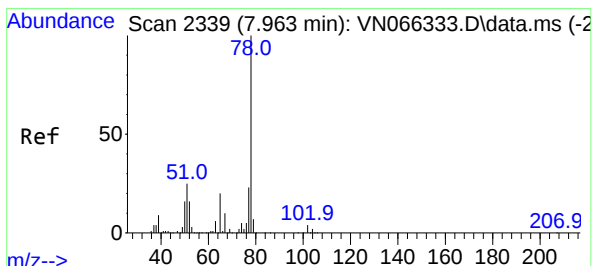
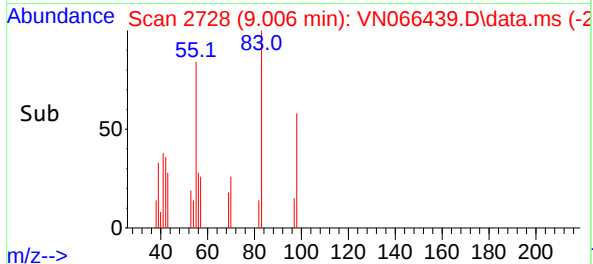
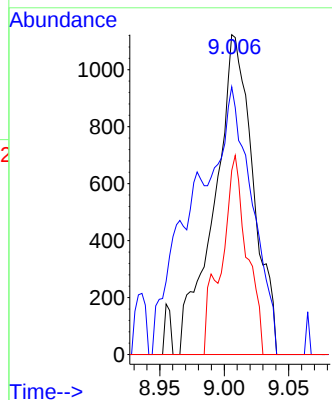
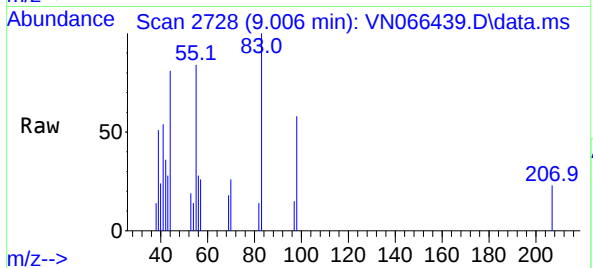
Instrument :

MSVOA_N

ClientSampled :

ASR12

Tgt Ion:	83	Resp:	2350
Ion	Ratio	Lower	Upper
83	100		
55	83.7	62.3	93.5
98	57.5	35.6	53.4#



#40

Benzene

Concen: 5.61 ug/l

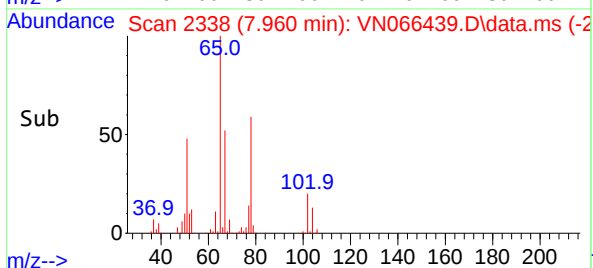
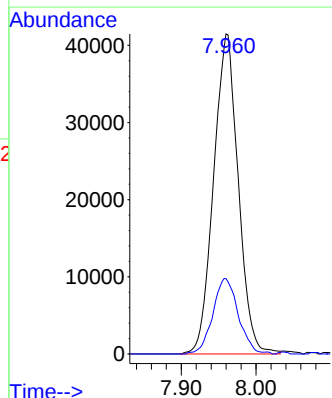
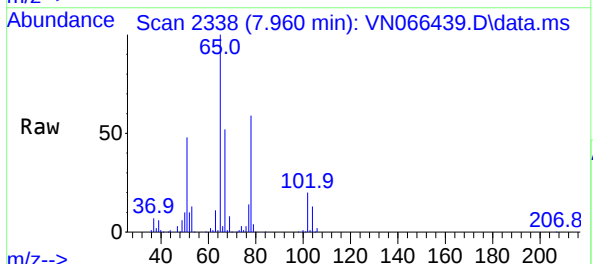
RT: 7.960 min Scan# 2338

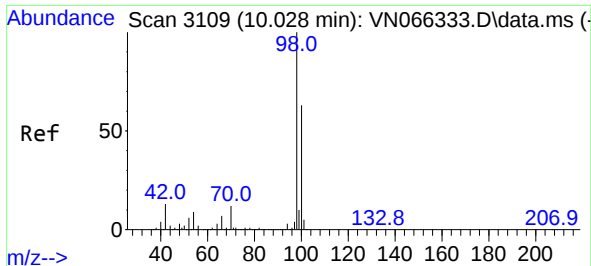
Delta R.T. -0.003 min

Lab File: VN066439.D

Acq: 31 Mar 2021 13:24

Tgt Ion:	78	Resp:	94775
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1

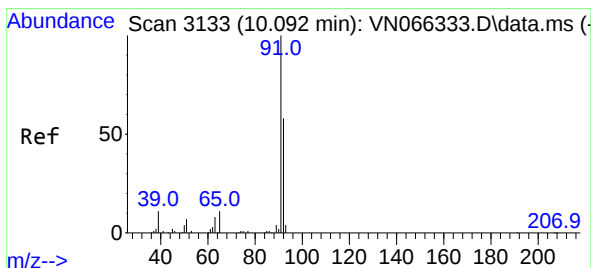
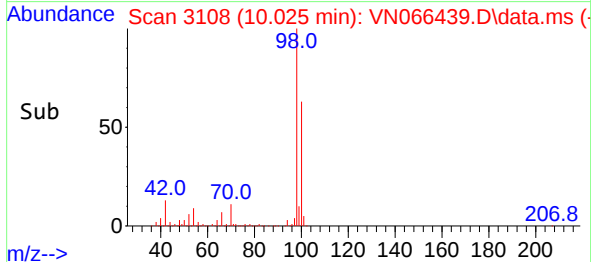
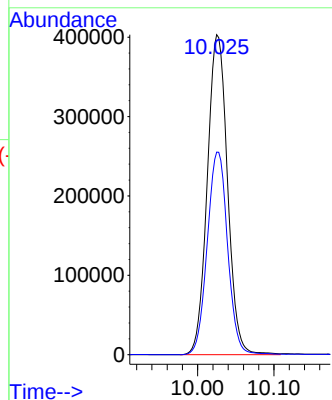
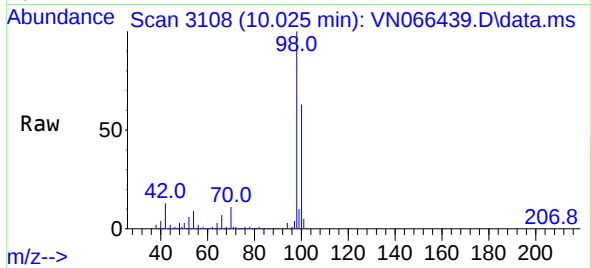




#50
Toluene-d8
Concen: 49.58 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.003 min
Lab File: VN066439.D
Acq: 31 Mar 2021 13:24

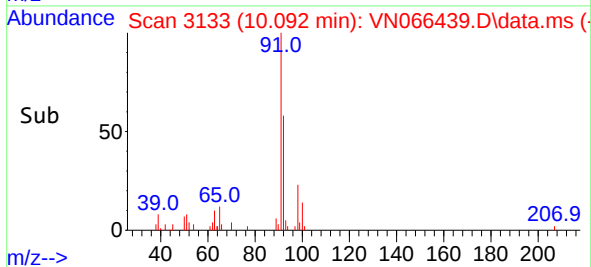
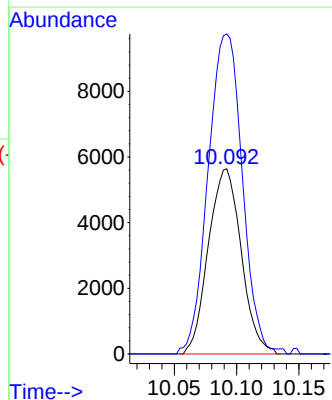
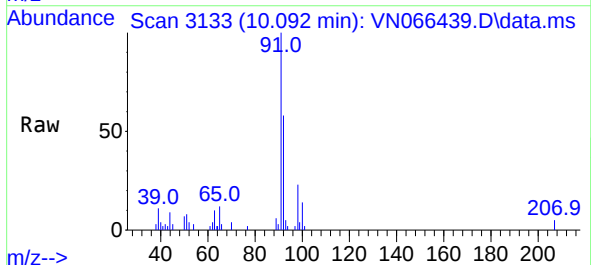
Instrument :
MSVOA_N
ClientSampled :
ASR12

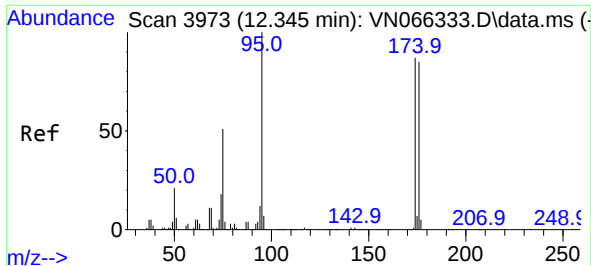
Tgt Ion: 98 Resp: 742159
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7



#52
Toluene
Concen: 1.00 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VN066439.D
Acq: 31 Mar 2021 13:24

Tgt Ion: 92 Resp: 10346
Ion Ratio Lower Upper
92 100
91 180.0 138.8 208.2



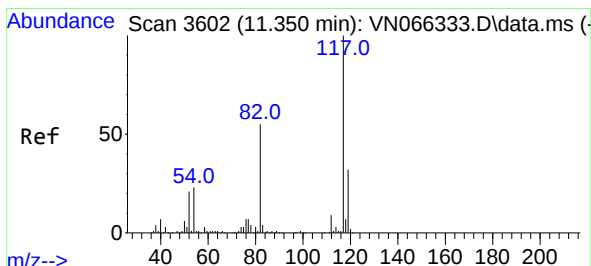
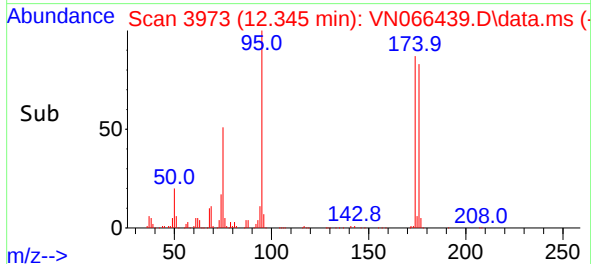
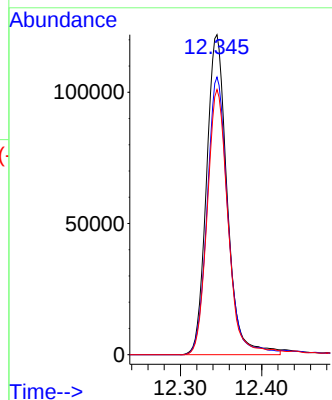
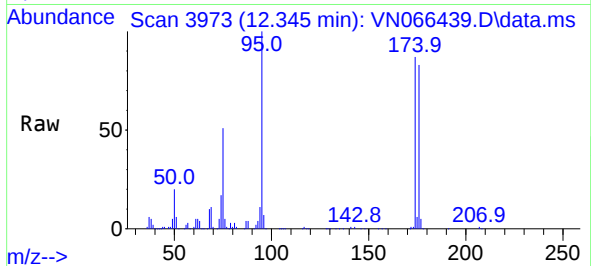


#62
4-Bromofluorobenzene
Concen: 41.49 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066439.D
Acq: 31 Mar 2021 13:24

Instrument :
MSVOA_N
ClientSampled :
ASR12

Tgt Ion: 95 Resp: 215745

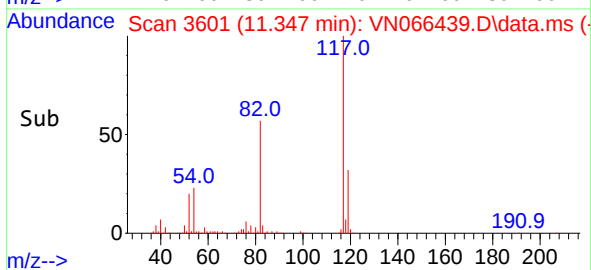
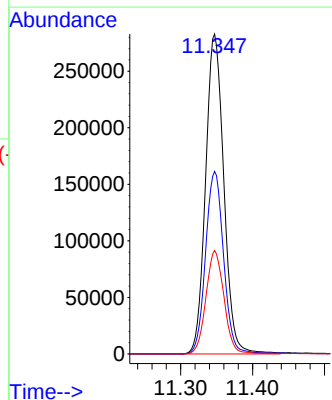
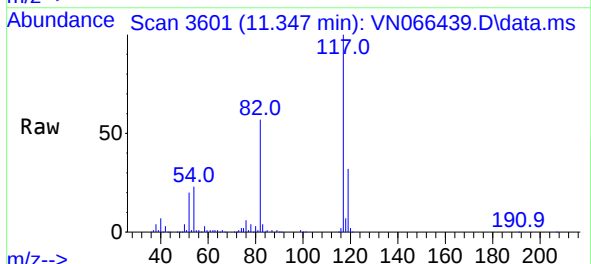
Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	172.2
176	82.6	0.0	167.8

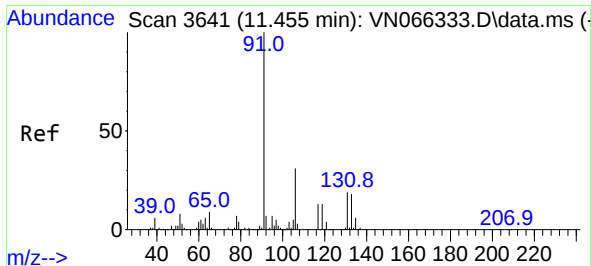


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066439.D
Acq: 31 Mar 2021 13:24

Tgt Ion: 117 Resp: 500464

Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.2	66.4
119	32.3	25.8	38.6

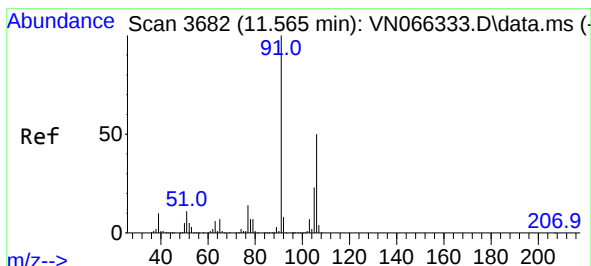
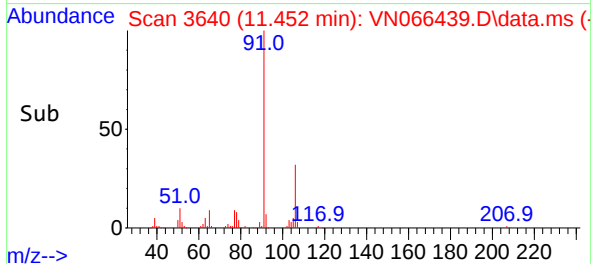
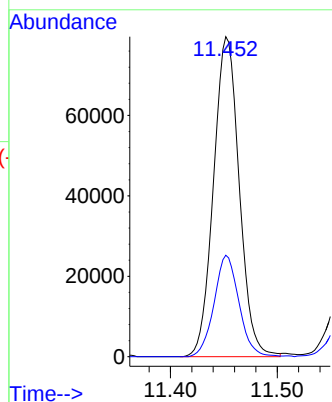
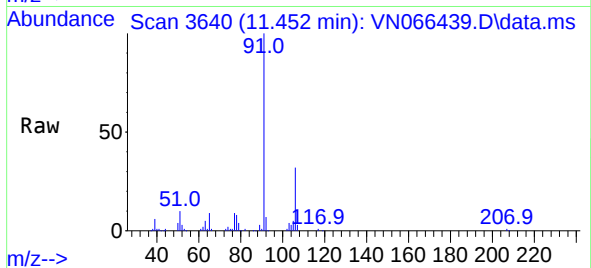




#67
Ethyl Benzene
Concen: 7.35 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066439.D
Acq: 31 Mar 2021 13:24

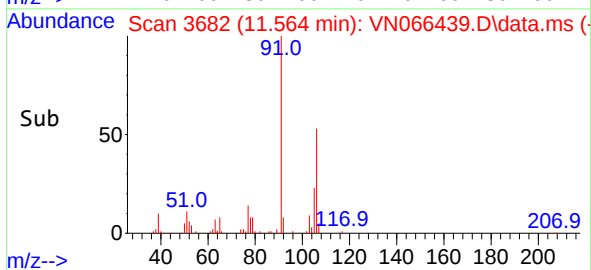
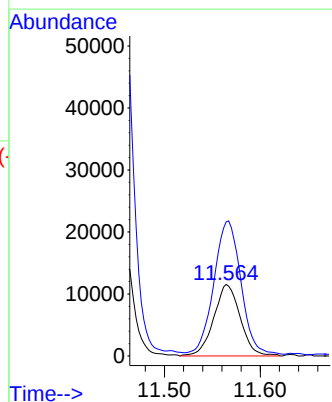
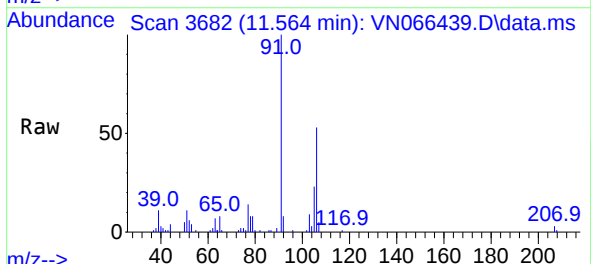
Instrument :
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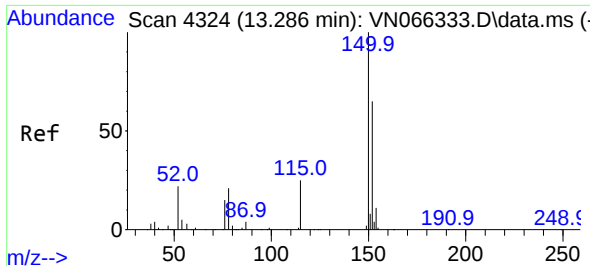
Tgt Ion: 91 Resp: 133182
Ion Ratio Lower Upper
91 100
106 31.7 24.7 37.1



#68
m/p-Xylenes
Concen: 3.21 ug/l
RT: 11.564 min Scan# 3682
Delta R.T. -0.000 min
Lab File: VN066439.D
Acq: 31 Mar 2021 13:24

Tgt Ion:106 Resp: 22099
Ion Ratio Lower Upper
106 100
91 189.7 162.7 244.1

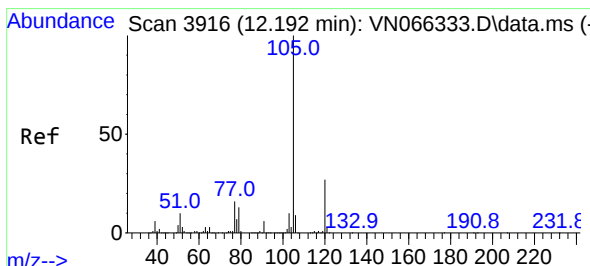
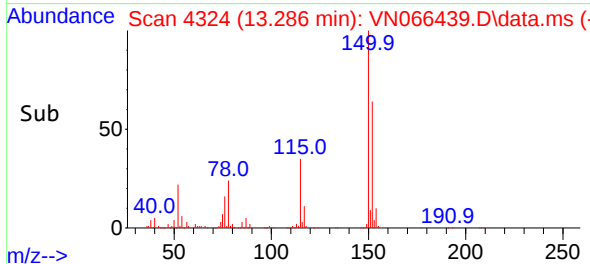
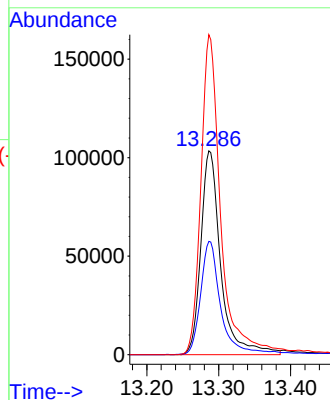
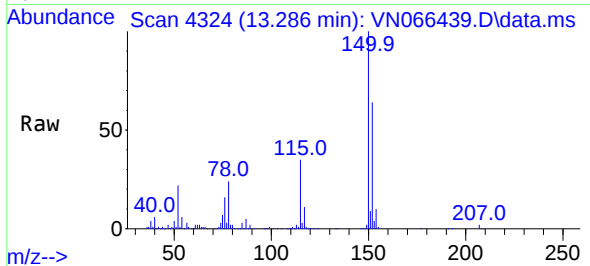




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066439.D
Acq: 31 Mar 2021 13:24

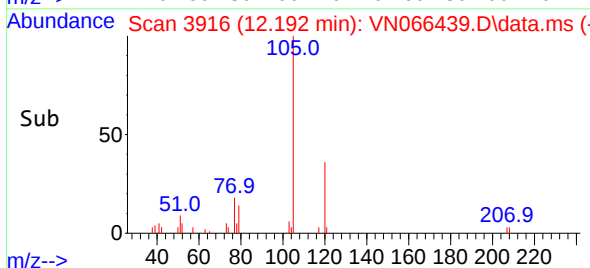
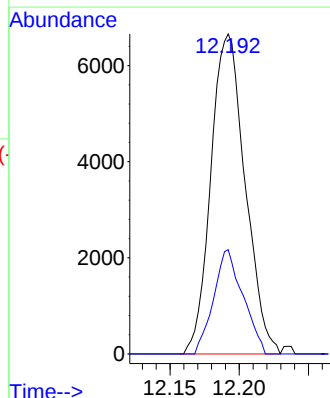
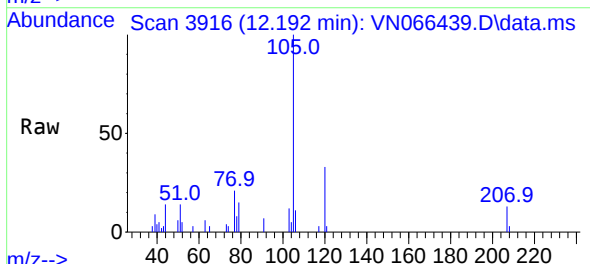
Instrument :
MSVOA_N
ClientSampleId :
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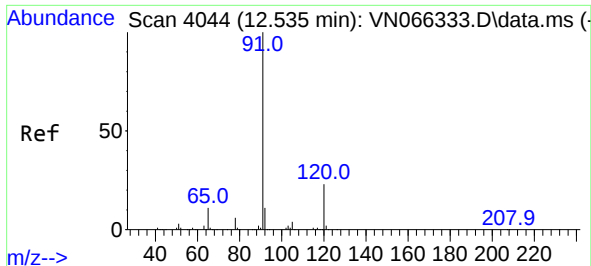
Tgt Ion:152 Resp: 199629
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.4
150 157.1 0.0 348.4



#73
Isopropylbenzene
Concen: 0.77 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066439.D
Acq: 31 Mar 2021 13:24

Tgt Ion:105 Resp: 11451
Ion Ratio Lower Upper
105 100
120 27.9 13.3 39.8

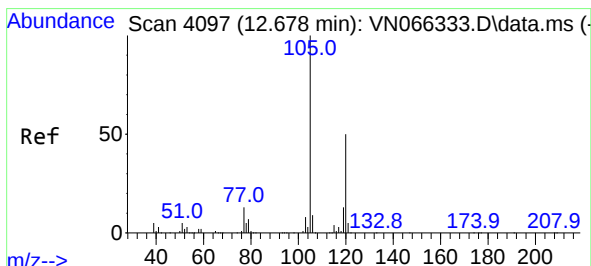
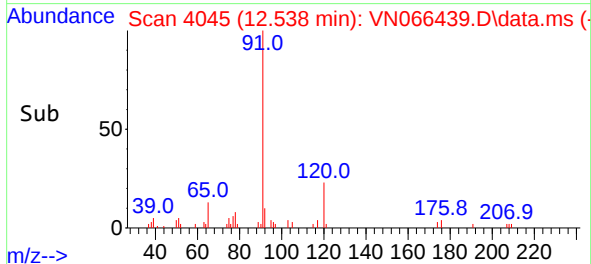
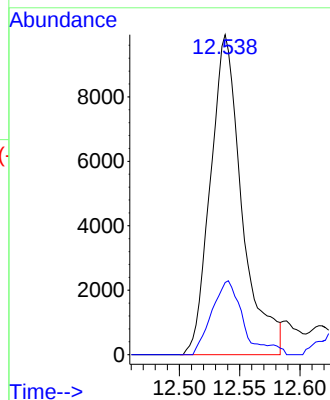
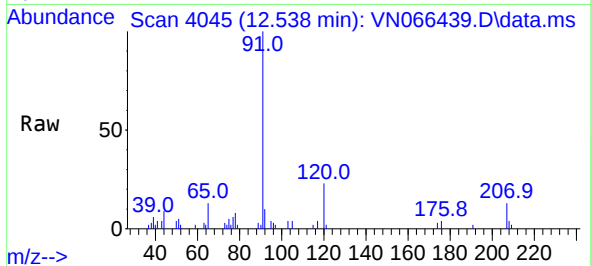




#78
n-propylbenzene
Concen: 1.12 ug/l
RT: 12.538 min Scan# 4045
Delta R.T. 0.003 min
Lab File: VN066439.D
Acq: 31 Mar 2021 13:24

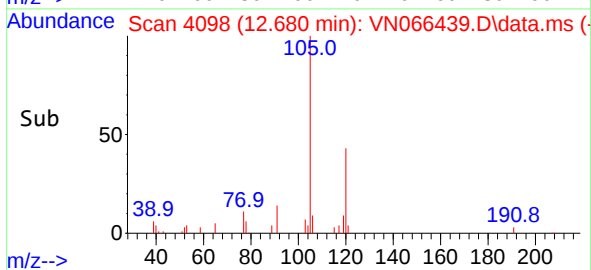
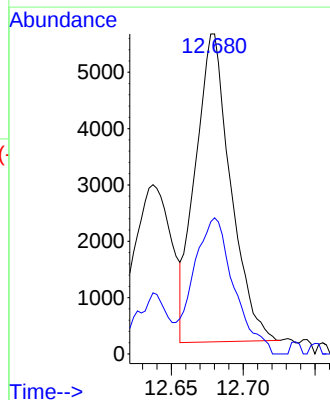
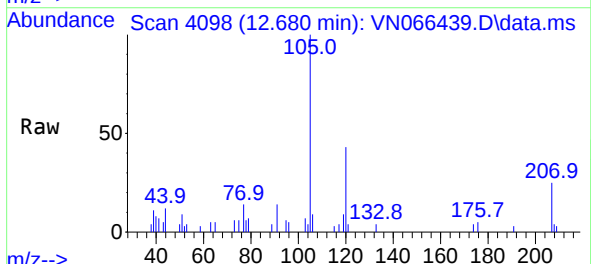
Instrument :
MSVOA_N
ClientSampled :
ASR12

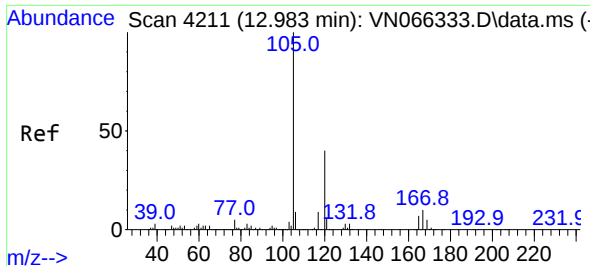
Tgt Ion: 91 Resp: 18056
Ion Ratio Lower Upper
91 100
120 22.1 11.7 35.1



#80
1,3,5-Trimethylbenzene
Concen: 0.77 ug/l
RT: 12.680 min Scan# 4098
Delta R.T. 0.003 min
Lab File: VN066439.D
Acq: 31 Mar 2021 13:24

Tgt Ion: 105 Resp: 9313
Ion Ratio Lower Upper
105 100
120 50.7 24.5 73.5

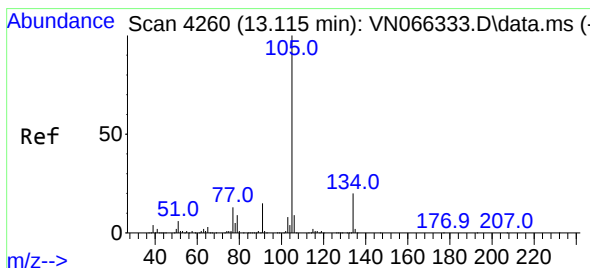
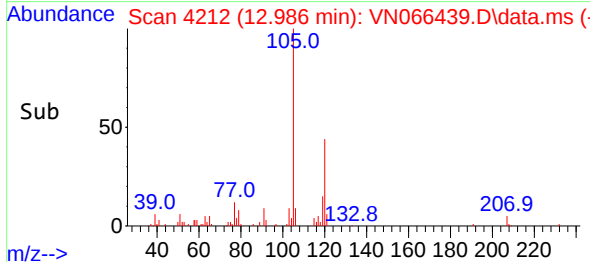
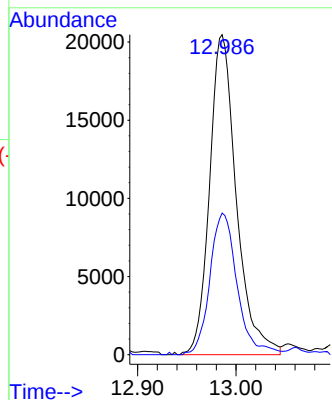
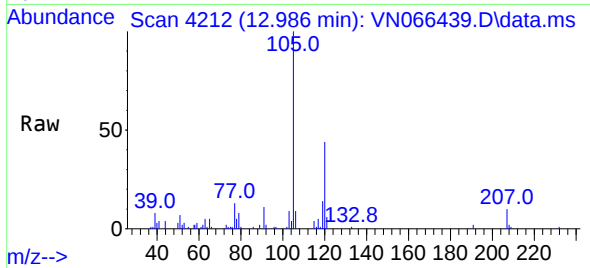




#84
1,2,4-Trimethylbenzene
Concen: 3.29 ug/l
RT: 12.986 min Scan# 4212
Delta R.T. 0.003 min
Lab File: VN066439.D
Acq: 31 Mar 2021 13:24

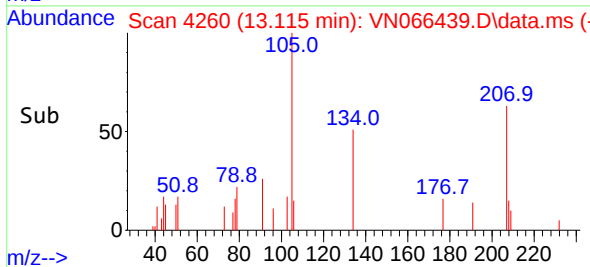
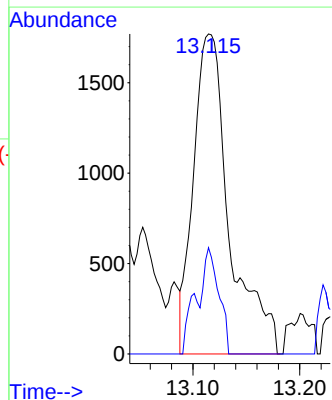
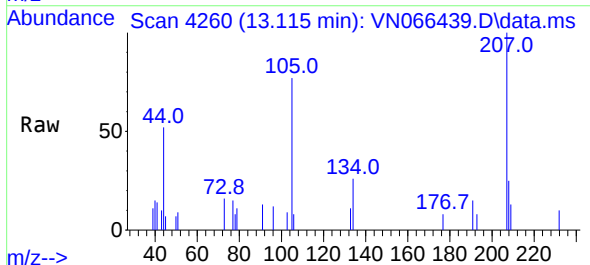
Instrument :
MSVOA_N
ClientSampled :
ASR12

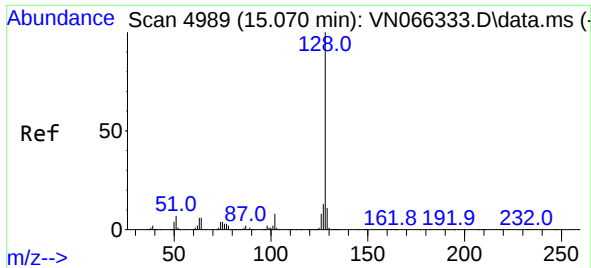
Tgt Ion:105 Resp: 38821
Ion Ratio Lower Upper
105 100
120 45.0 23.1 69.2



#85
sec-Butylbenzene
Concen: 0.31 ug/l
RT: 13.115 min Scan# 4260
Delta R.T. -0.000 min
Lab File: VN066439.D
Acq: 31 Mar 2021 13:24

Tgt Ion:105 Resp: 4150
Ion Ratio Lower Upper
105 100
134 14.0 9.9 29.7





#95
Naphthalene
Concen: 3.16 ug/l
RT: 15.080 min Scan# 4993
Delta R.T. 0.010 min
Lab File: VN066439.D
Acq: 31 Mar 2021 13:24

Instrument :
MSVOA_N
ClientSampleId :
ASR12

Tgt Ion:	128	Resp:	24186
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.5	15.7
129	8.6	8.5	12.7

