

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040221\
 Data File : VN066474.D
 Acq On : 2 Apr 2021 17:51
 Operator : JC/MD
 Sample : M1886-03
 Misc : 5.98g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-124027

Quant Time: Apr 03 03:24:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

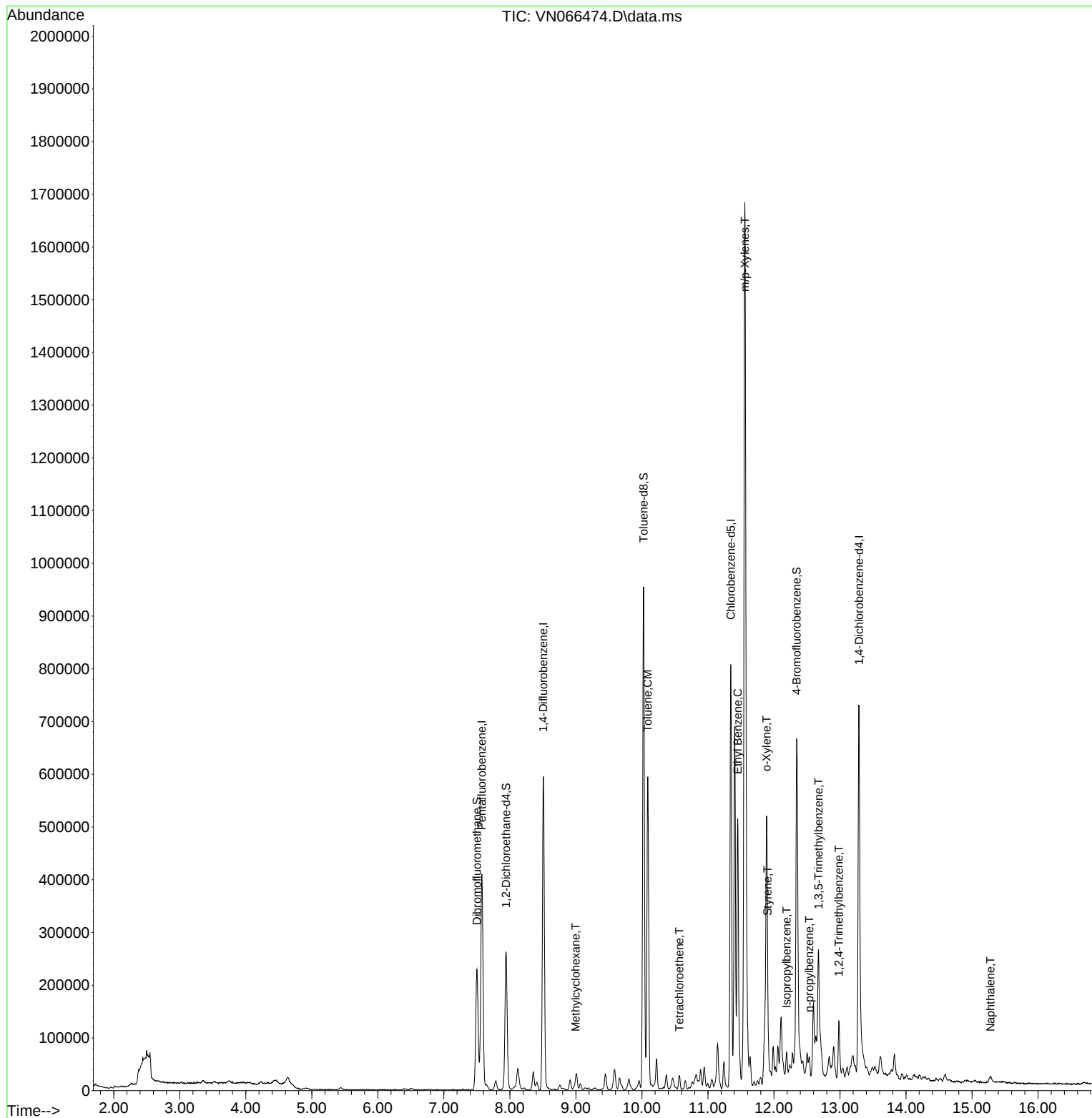
Internal Standards						
1) Pentafluorobenzene	7.576	168	347270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.507	114	520220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	460864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	242245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.941	65	216932	46.99	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.98%		
35) Dibromofluoromethane	7.501	113	172692	50.07	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.14%		
50) Toluene-d8	10.025	98	632410	48.35	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.70%		
62) 4-Bromofluorobenzene	12.345	95	202248	44.51	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.02%		
Target Compounds						Qvalue
39) Methylcyclohexane	8.998	83	8734	1.47	ug/l	98
52) Toluene	10.089	92	256740	28.34	ug/l	98
64) Tetrachloroethene	10.569	164	4125	1.05	ug/l	96
67) Ethyl Benzene	11.452	91	348441	20.89	ug/l	99
68) m/p-Xylenes	11.559	106	523399	82.59	ug/l	99
69) o-Xylene	11.889	106	125074	20.46	ug/l	98
70) Styrene	11.905	104	42852	4.32	ug/l #	61
73) Isopropylbenzene	12.192	105	18718	1.04	ug/l	98
78) n-propylbenzene	12.535	91	37934	1.94	ug/l	97
80) 1,3,5-Trimethylbenzene	12.677	105	41880	2.84	ug/l	91
84) 1,2,4-Trimethylbenzene	12.983	105	63209	4.41	ug/l	99
95) Naphthalene	15.279	128	16620	2.24	ug/l #	93

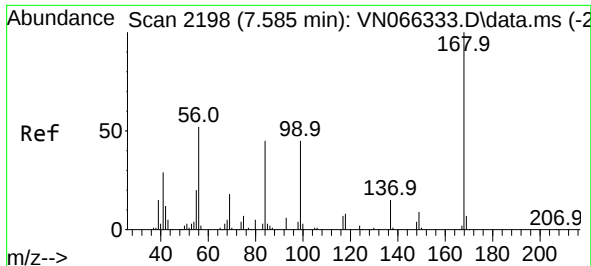
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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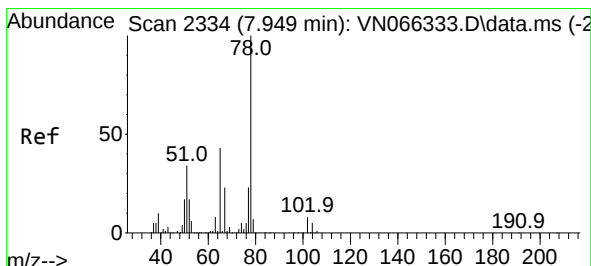
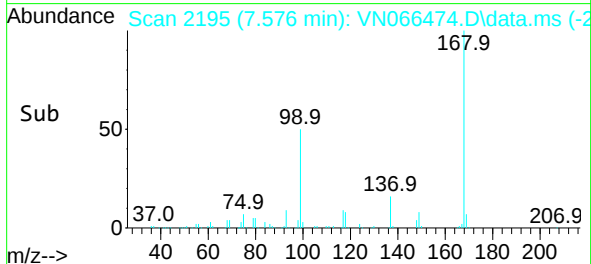
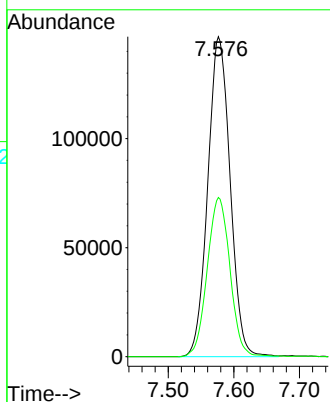
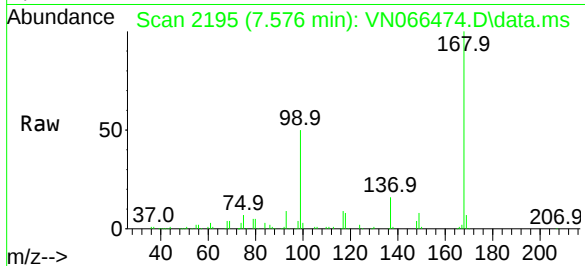




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.576 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

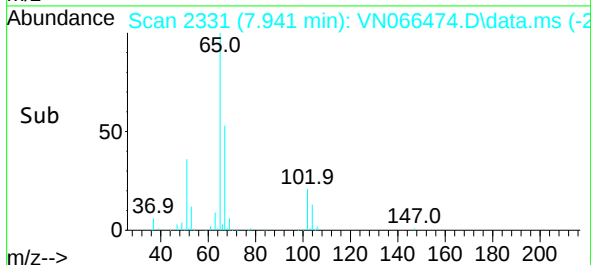
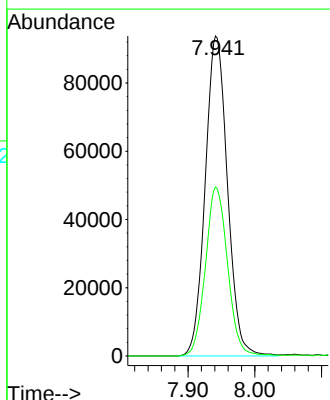
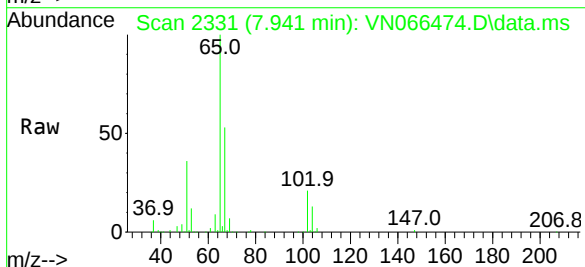
Instrument :
MSVOA_N
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RO-124027

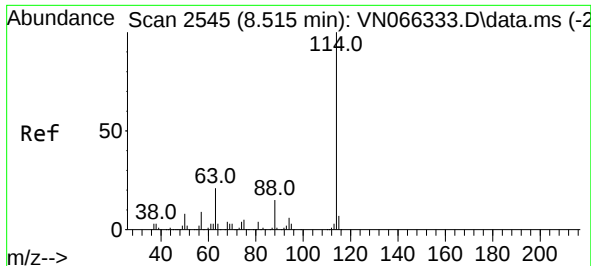
Tgt Ion:168 Resp: 347270
Ion Ratio Lower Upper
168 100
99 49.7 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 46.99 ug/l
RT: 7.941 min Scan# 2331
Delta R.T. -0.003 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

Tgt Ion: 65 Resp: 216932
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.2

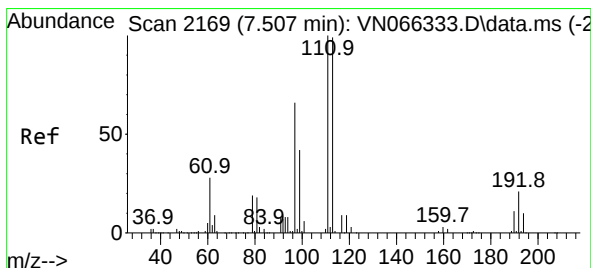
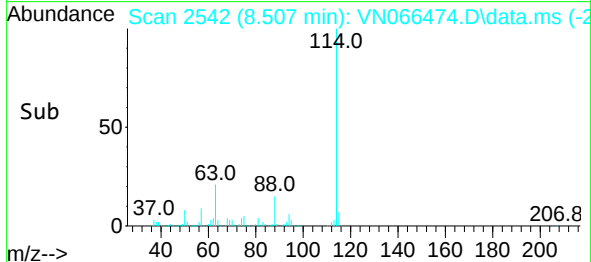
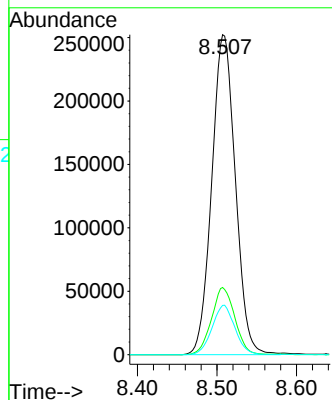
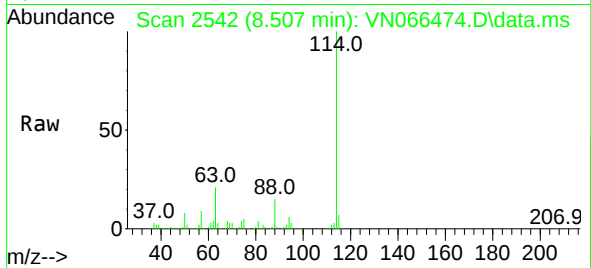




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.507 min Scan# 2542
Delta R.T. -0.003 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

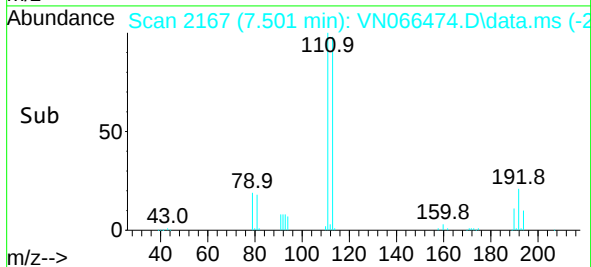
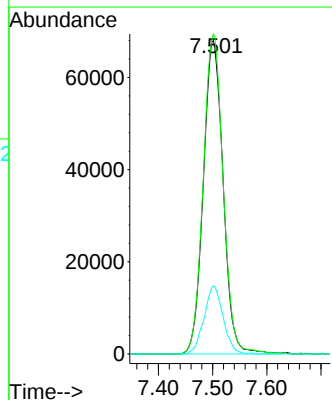
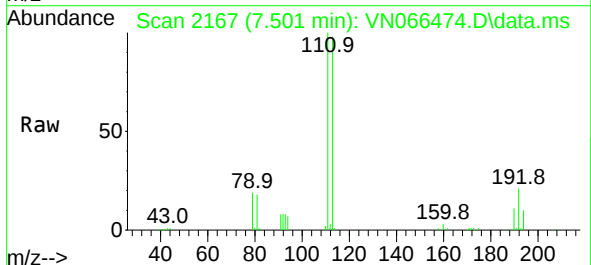
Instrument :
MSVOA_N
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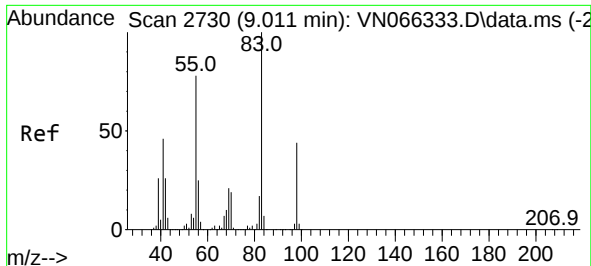
Tgt Ion:114 Resp: 520220
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.0
88 15.4 0.0 31.0



#35
Dibromofluoromethane
Concen: 50.07 ug/l
RT: 7.501 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

Tgt Ion:113 Resp: 172692
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 20.9 17.1 25.7

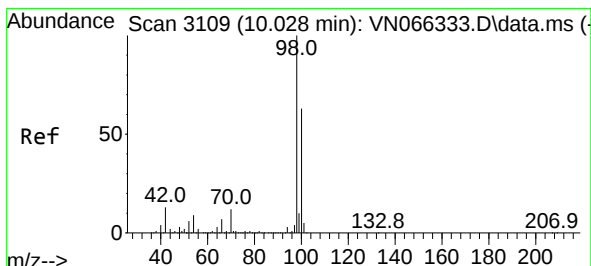
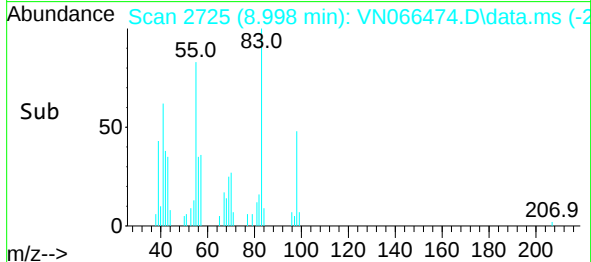
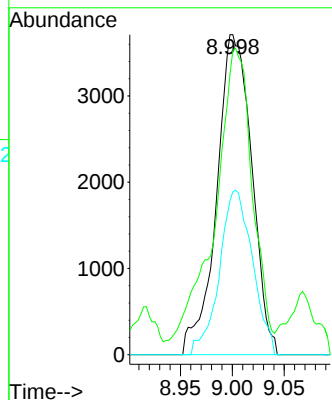
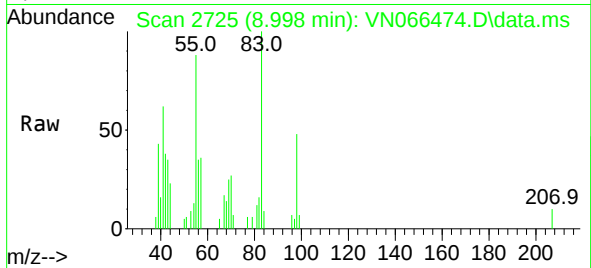




#39
Methylcyclohexane
Concen: 1.47 ug/l
RT: 8.998 min Scan# 2725
Delta R.T. -0.011 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

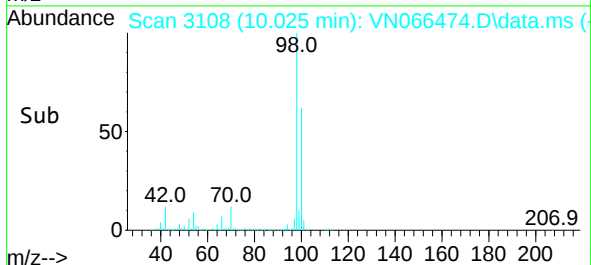
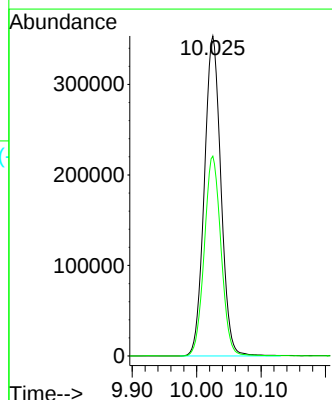
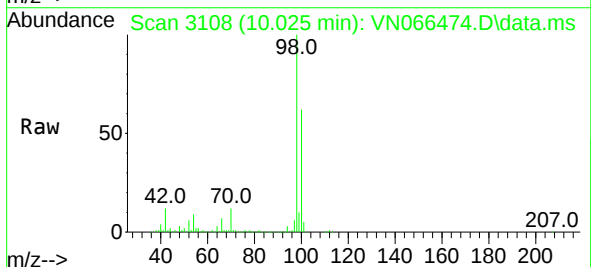
Instrument :
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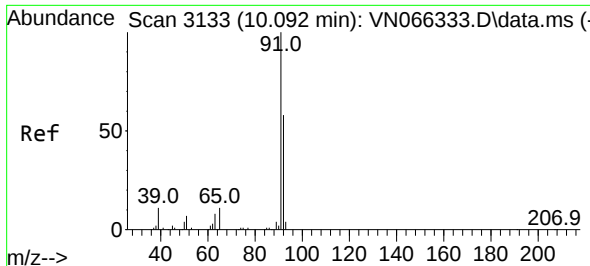
Tgt Ion: 83 Resp: 8734
Ion Ratio Lower Upper
83 100
55 78.1 62.3 93.5
98 48.1 35.6 53.4



#50
Toluene-d8
Concen: 48.35 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

Tgt Ion: 98 Resp: 632410
Ion Ratio Lower Upper
98 100
100 62.9 50.5 75.7

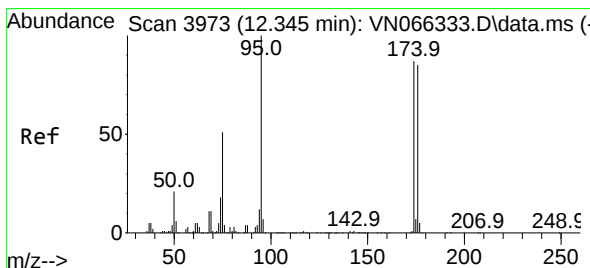
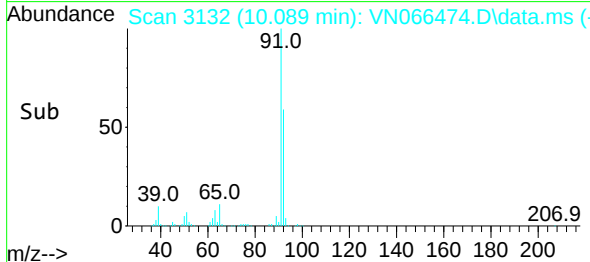
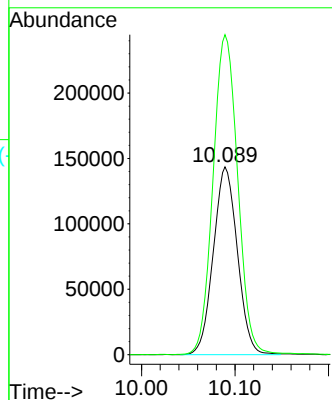
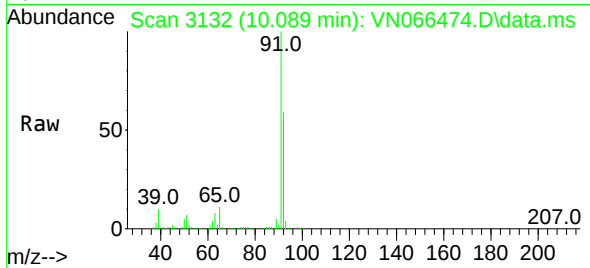




#52
Toluene
Concen: 28.34 ug/l
RT: 10.089 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

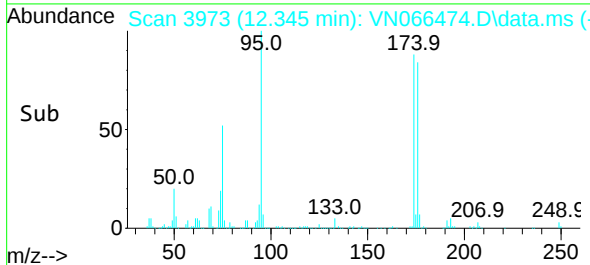
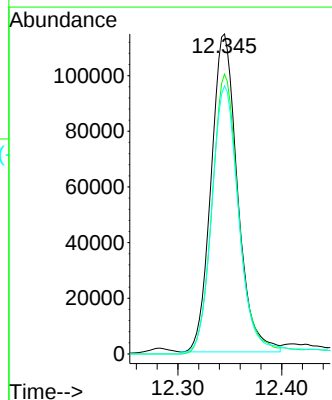
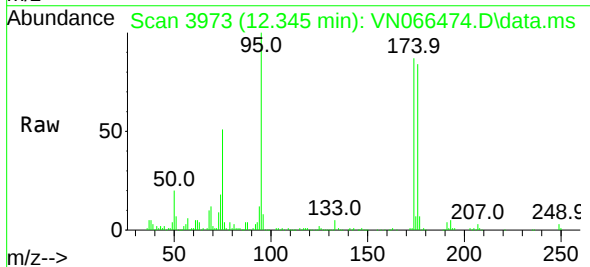
Instrument :
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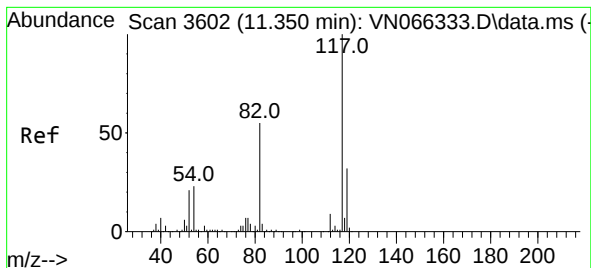
Tgt Ion: 92 Resp: 256740
Ion Ratio Lower Upper
92 100
91 175.7 138.8 208.2



#62
4-Bromofluorobenzene
Concen: 44.51 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.002 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

Tgt Ion: 95 Resp: 202248
Ion Ratio Lower Upper
95 100
174 89.4 0.0 172.2
176 86.6 0.0 167.8

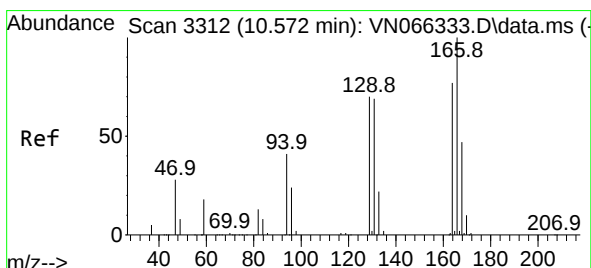
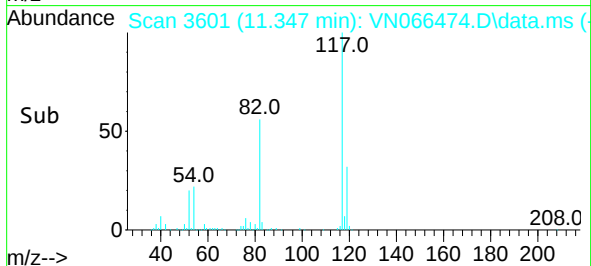
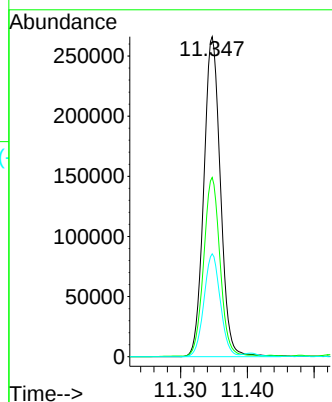
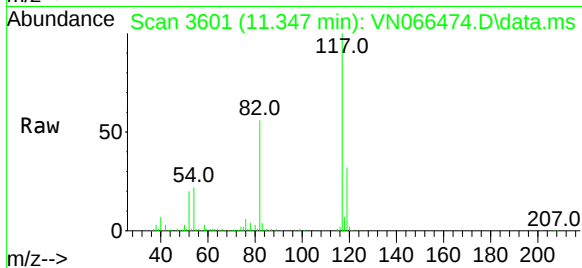




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

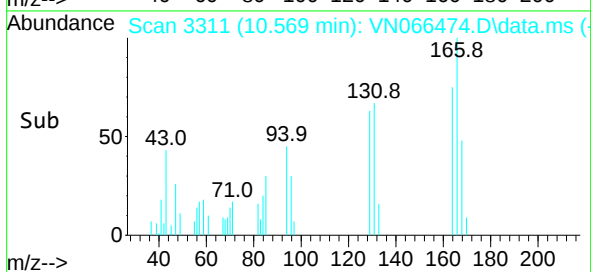
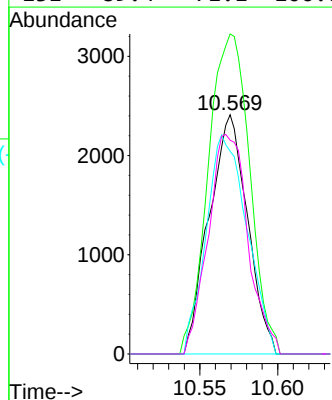
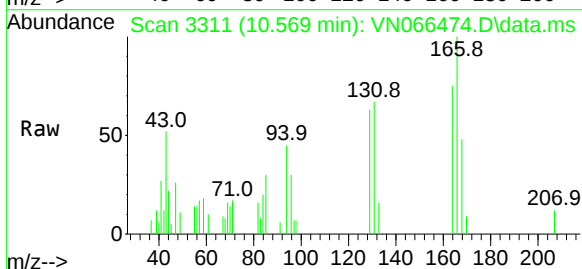
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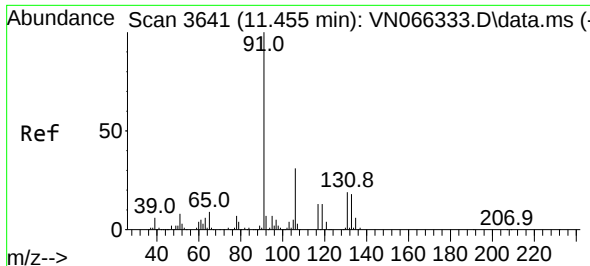
Tgt Ion:117 Resp: 460864
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 1.05 ug/l
RT: 10.569 min Scan# 3311
Delta R.T. -0.000 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

Tgt Ion:164 Resp: 4125
Ion Ratio Lower Upper
164 100
166 133.8 103.3 154.9
129 84.8 72.5 108.7
131 89.4 71.1 106.7

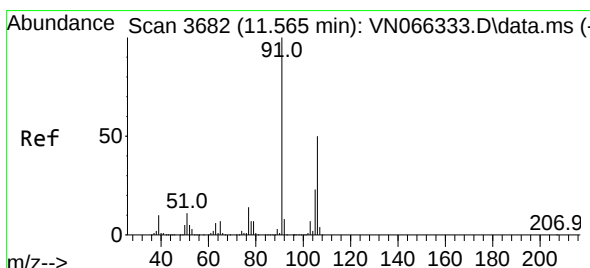
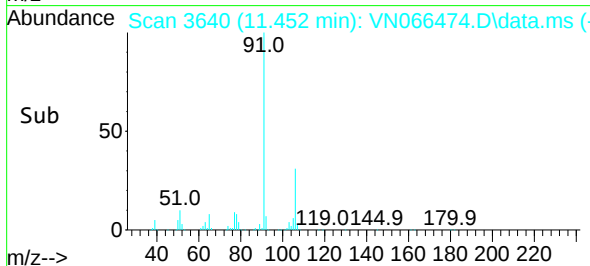
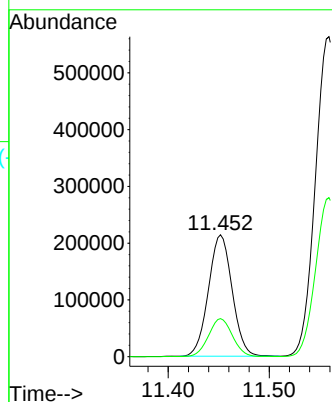
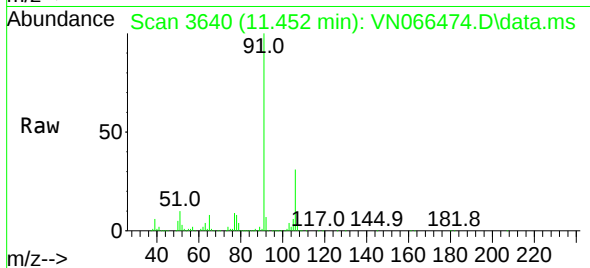




#67
Ethyl Benzene
Concen: 20.89 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

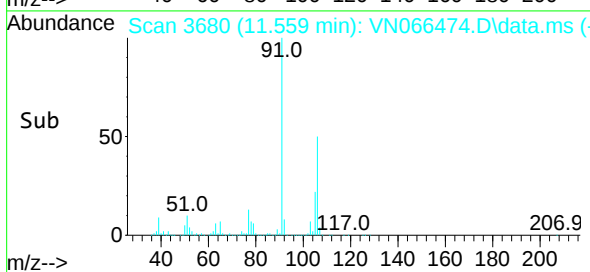
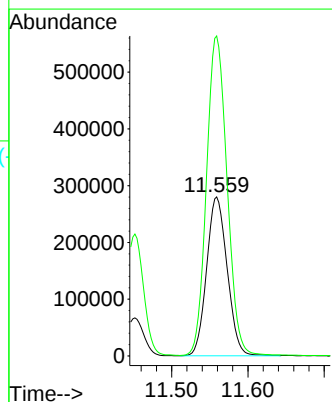
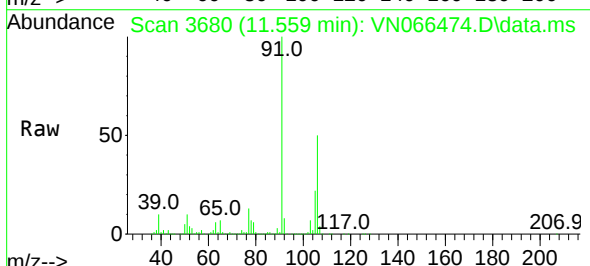
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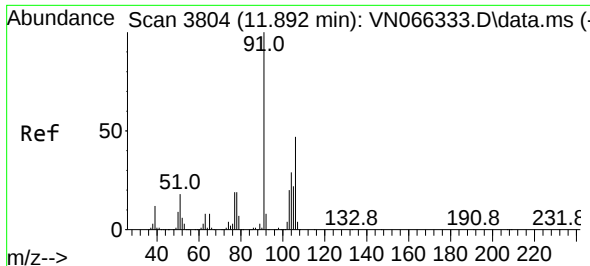
Tgt Ion: 91 Resp: 348441
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1



#68
m/p-Xylenes
Concen: 82.59 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.003 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

Tgt Ion:106 Resp: 523399
Ion Ratio Lower Upper
106 100
91 201.5 162.7 244.1

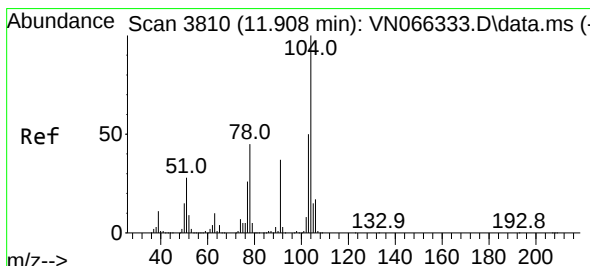
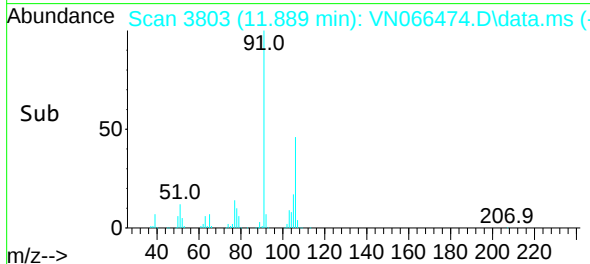
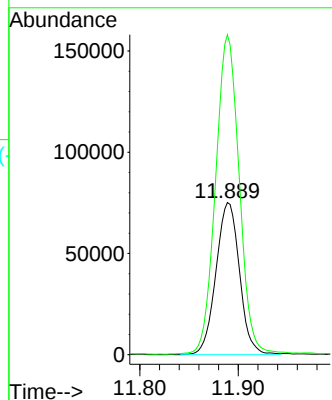
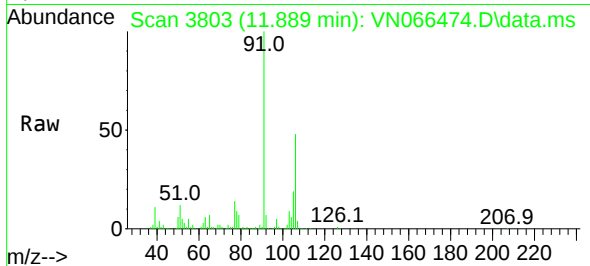




#69
o-Xylene
Concen: 20.46 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

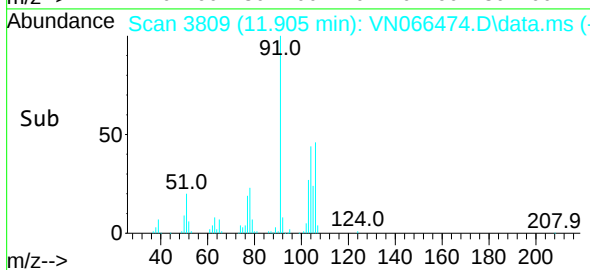
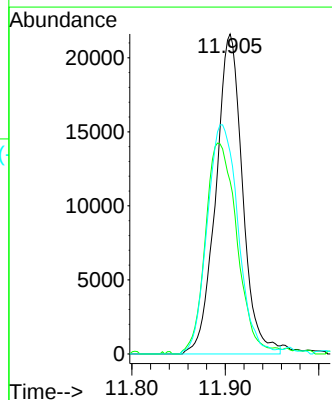
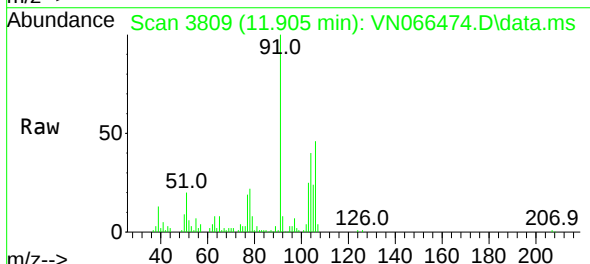
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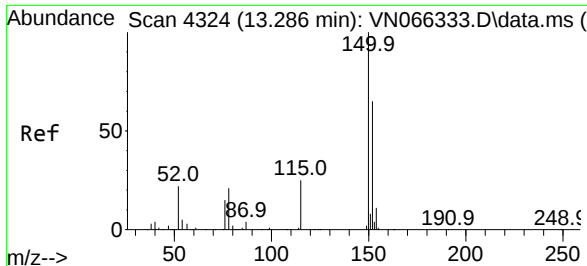
Tgt Ion:106 Resp: 125074
Ion Ratio Lower Upper
106 100
91 211.1 107.1 321.4



#70
Styrene
Concen: 4.32 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. -0.000 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

Tgt Ion:104 Resp: 42852
Ion Ratio Lower Upper
104 100
78 78.3 40.7 61.1#
103 83.4 44.2 66.2#

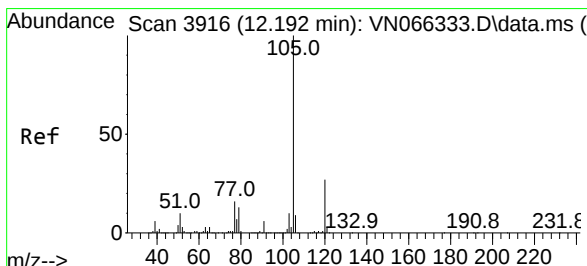
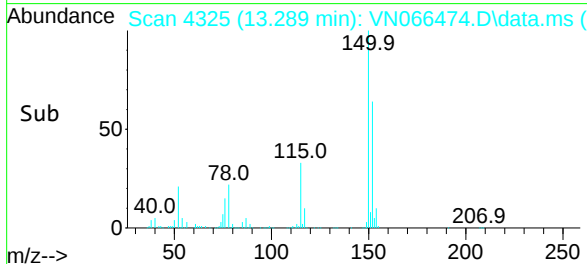
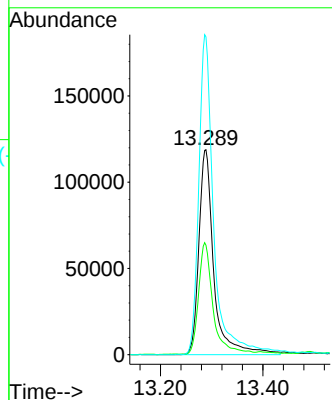
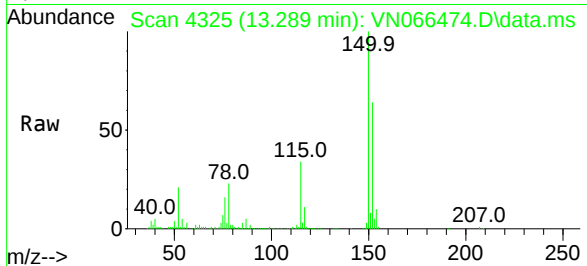




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.005 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

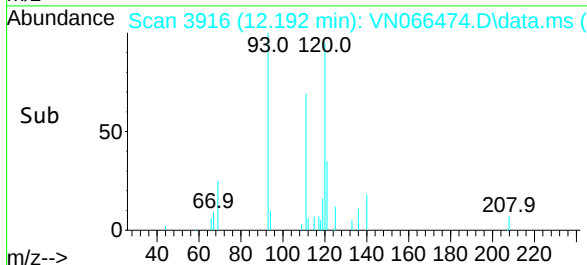
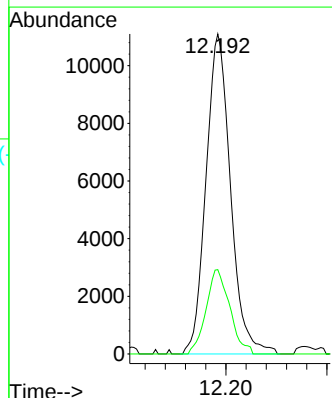
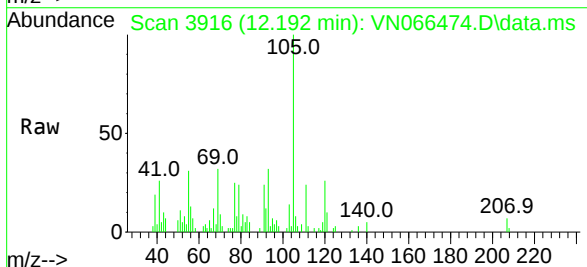
Instrument :
MSVOA_N
ClientSampleId :
RO-124027

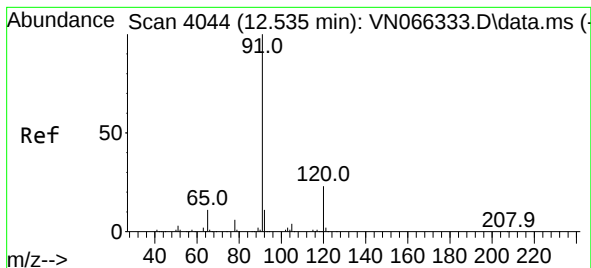
Tgt Ion:152 Resp: 242245
Ion Ratio Lower Upper
152 100
115 52.4 27.8 83.4
150 156.7 0.0 348.4



#73
Isopropylbenzene
Concen: 1.04 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

Tgt Ion:105 Resp: 18718
Ion Ratio Lower Upper
105 100
120 25.5 13.3 39.8

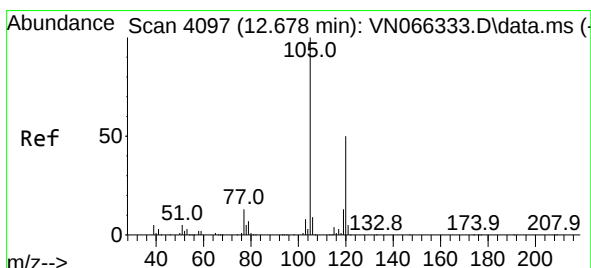
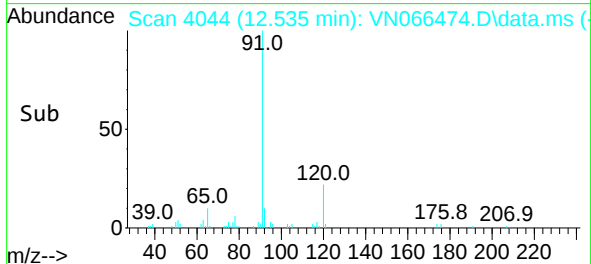
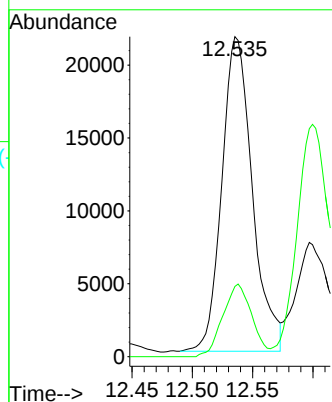
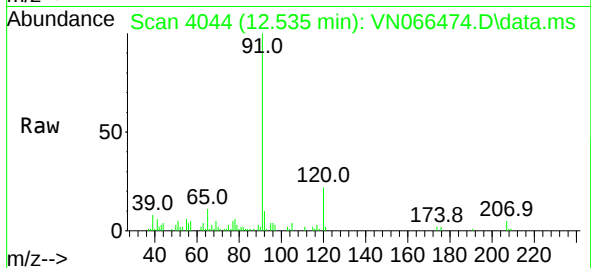




#78
n-propylbenzene
Concen: 1.94 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.002 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

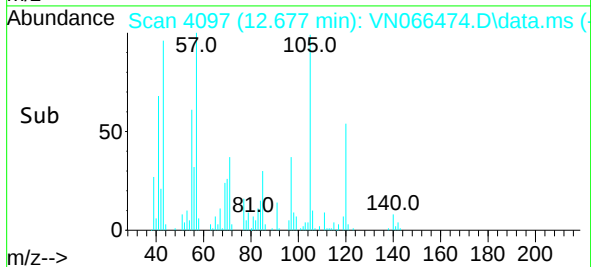
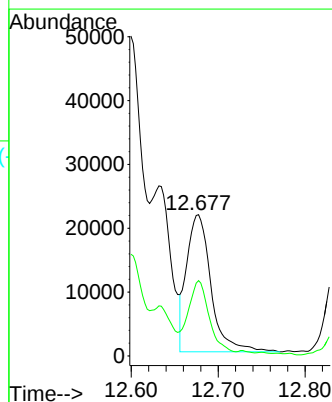
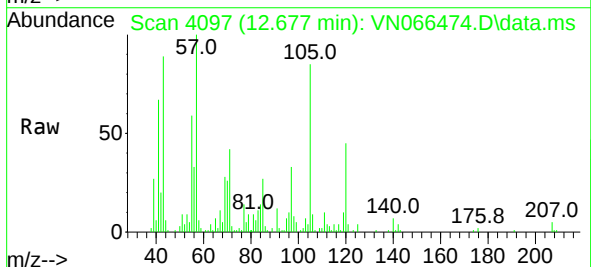
Instrument :
MSVOA_N
ClientSampleId :
RO-124027

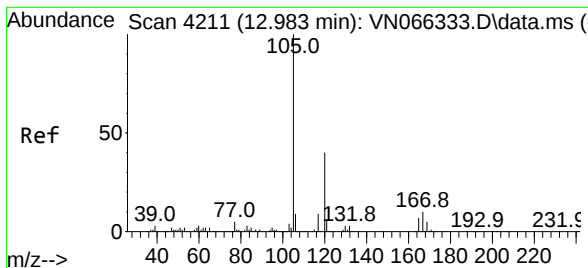
Tgt Ion: 91 Resp: 37934
Ion Ratio Lower Upper
91 100
120 22.0 11.7 35.1



#80
1,3,5-Trimethylbenzene
Concen: 2.84 ug/l
RT: 12.677 min Scan# 4097
Delta R.T. 0.002 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

Tgt Ion: 105 Resp: 41880
Ion Ratio Lower Upper
105 100
120 43.2 24.5 73.5

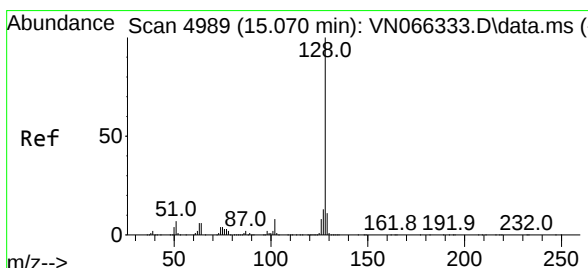
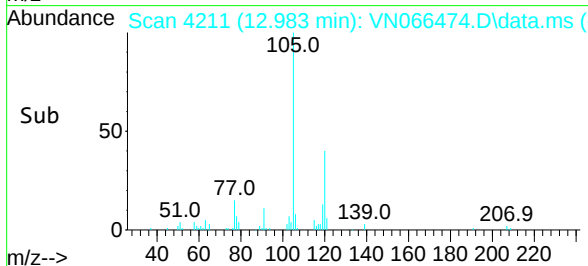
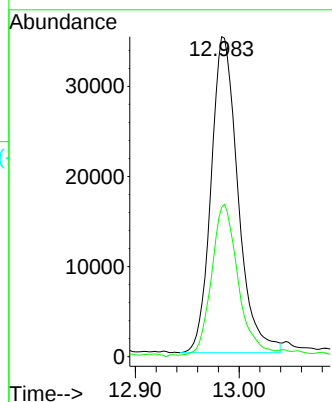
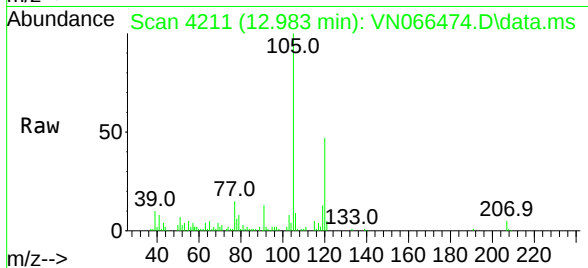




#84
1,2,4-Trimethylbenzene
Concen: 4.41 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

Instrument :
MSVOA_N
ClientSampleId :
RO-124027

Tgt Ion:105 Resp: 63209
Ion Ratio Lower Upper
105 100
120 46.7 23.1 69.2



#95
Naphthalene
Concen: 2.24 ug/l
RT: 15.279 min Scan# 5067
Delta R.T. 0.019 min
Lab File: VN066474.D
Acq: 2 Apr 2021 17:51

Tgt Ion:128 Resp: 16620
Ion Ratio Lower Upper
128 100
127 11.4 10.5 15.7
129 6.9 8.5 12.7#

