

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040121\
 Data File : VN066459.D
 Acq On : 1 Apr 2021 16:34
 Operator : JC/MD
 Sample : M1836-10ME
 Misc : 8.29g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B5-0-2ME

Quant Time: Apr 02 04:52:52 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)

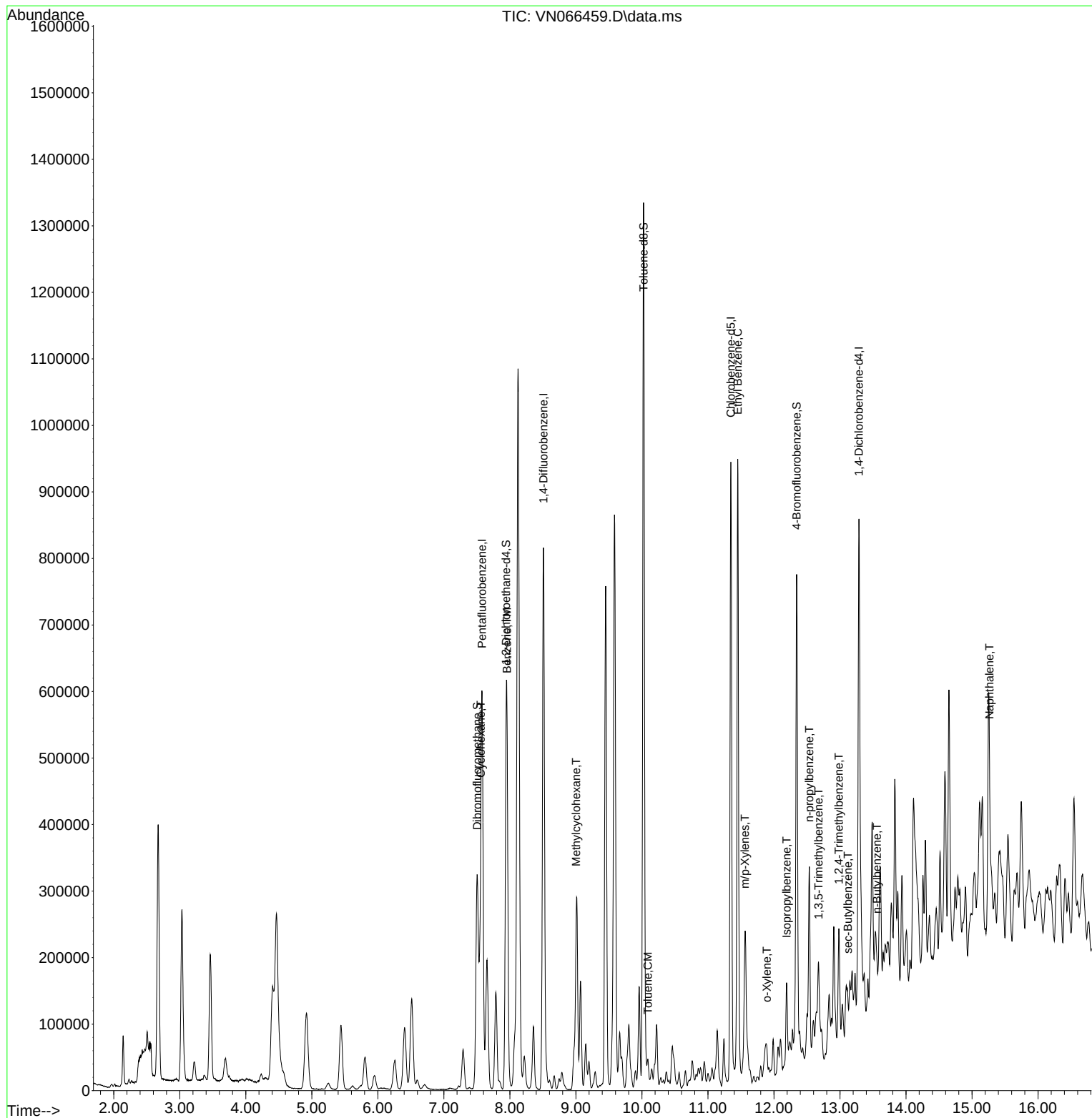
Internal Standards						
1) Pentafluorobenzene	7.579	168	486422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	698129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	547886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	235141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	289131	44.71	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.42%		
35) Dibromofluoromethane	7.504	113	237917	51.41	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.82%		
50) Toluene-d8	10.025	98	886979	50.53	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.06%		
62) 4-Bromofluorobenzene	12.345	95	245117	40.20	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	80.40%#		
Target Compounds					Qvalue	
31) Cyclohexane	7.560	56	71943	8.04	ug/l	92
39) Methylcyclohexane	9.006	83	75750	9.47	ug/l	92
40) Benzene	7.957	78	346699	17.50	ug/l	100
52) Toluene	10.092	92	15416	1.27	ug/l	94
67) Ethyl Benzene	11.452	91	665822	33.58	ug/l	97
68) m/p-Xylenes	11.562	106	70262	9.33	ug/l	96
69) o-Xylene	11.892	106	10168	1.40	ug/l	96
73) Isopropylbenzene	12.192	105	85027	4.86	ug/l	99
78) n-propylbenzene	12.535	91	248754	13.08	ug/l	99
80) 1,3,5-Trimethylbenzene	12.677	105	26527	1.85	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	95978	6.91	ug/l	100
85) sec-Butylbenzene	13.120	105	18952	1.19	ug/l #	57
89) n-Butylbenzene	13.560	91	27410m	2.32	ug/l	
95) Naphthalene	15.266	128	79777	6.97	ug/l	95

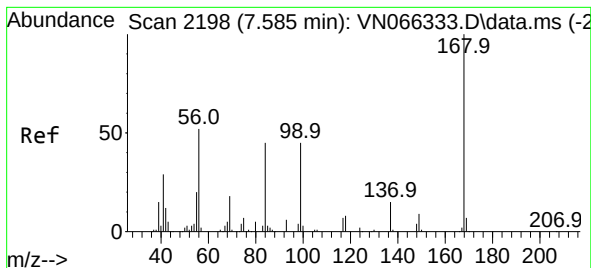
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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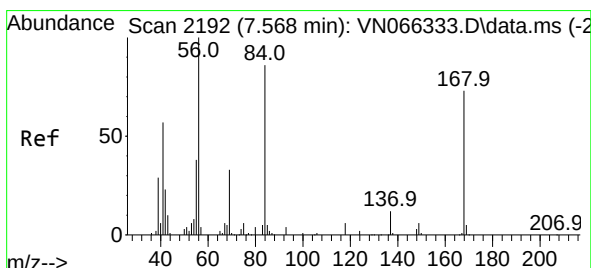
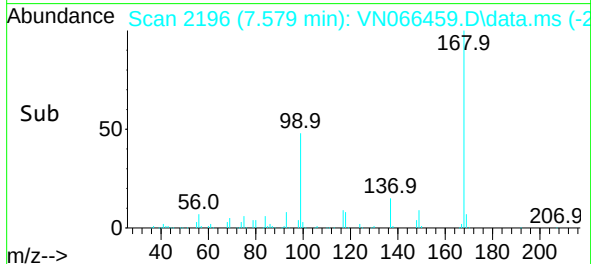
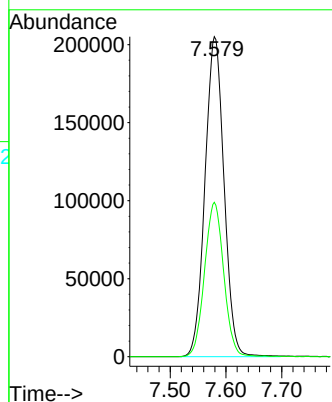
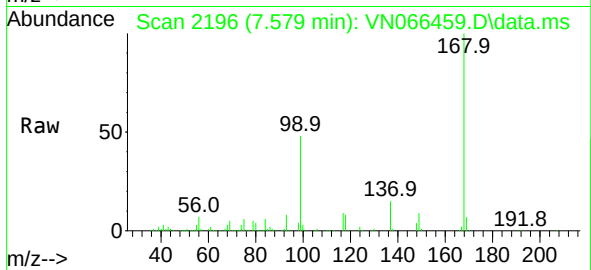




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

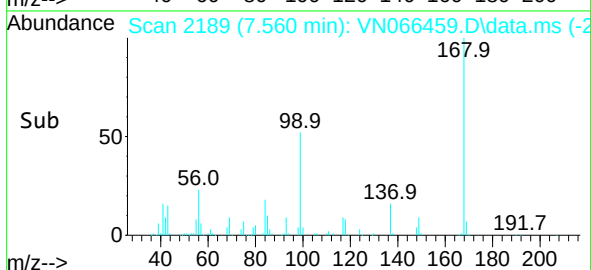
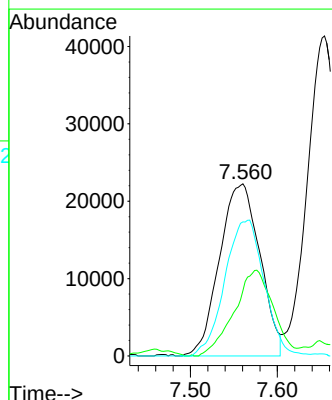
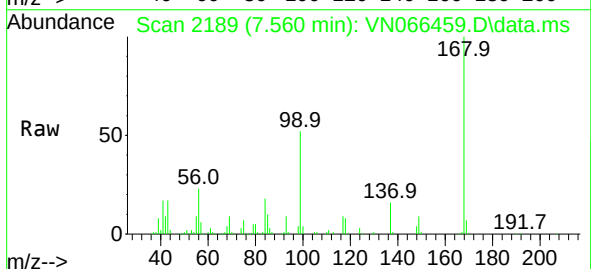
Instrument :
MSVOA_N
ClientSampleId :
B5-0-2ME

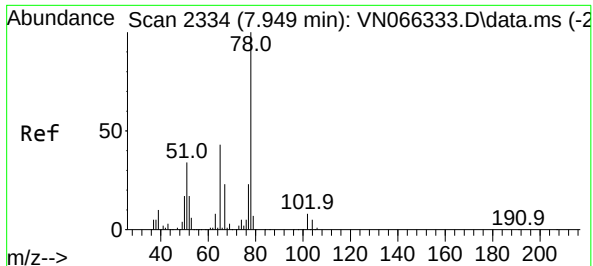
Tgt Ion:168 Resp: 486422
Ion Ratio Lower Upper
168 100
99 48.2 41.1 61.7



#31
Cyclohexane
Concen: 8.04 ug/l
RT: 7.560 min Scan# 2189
Delta R.T. -0.006 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

Tgt Ion: 56 Resp: 71943
Ion Ratio Lower Upper
56 100
69 36.8 26.6 40.0
84 77.9 68.7 103.1

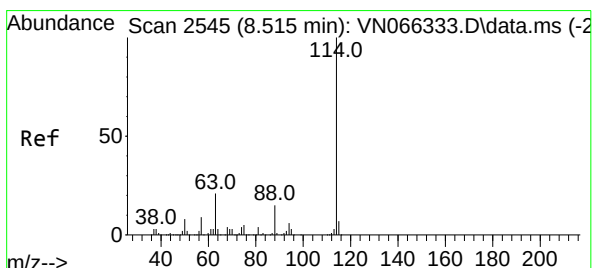
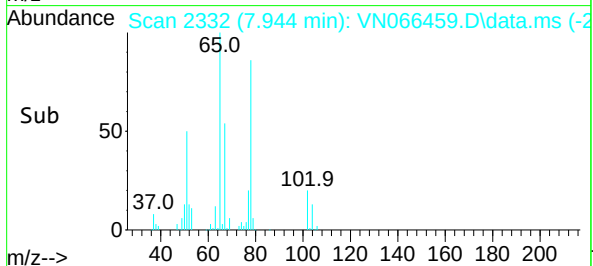
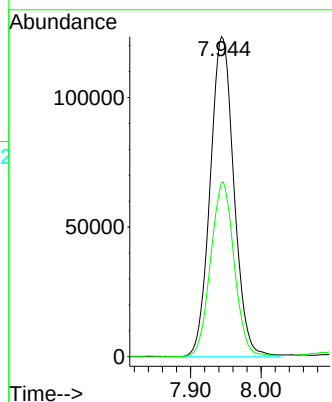
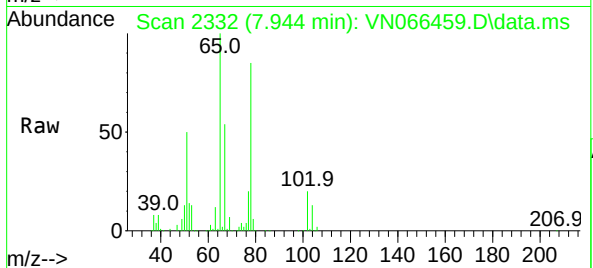




#33
 1,2-Dichloroethane-d4
 Concen: 44.71 ug/l
 RT: 7.944 min Scan# 2332
 Delta R.T. -0.000 min
 Lab File: VN066459.D
 Acq: 1 Apr 2021 16:34

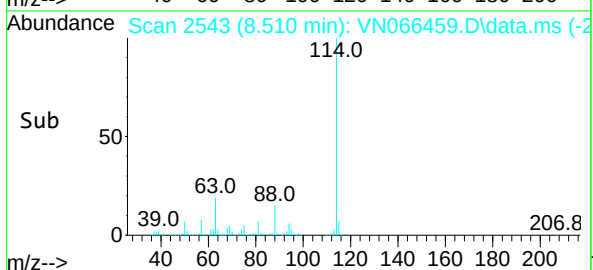
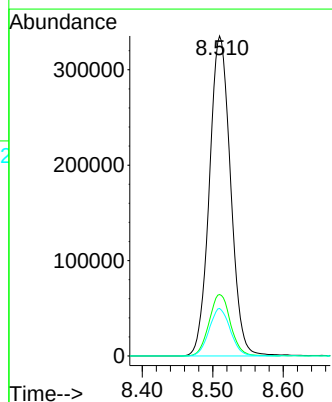
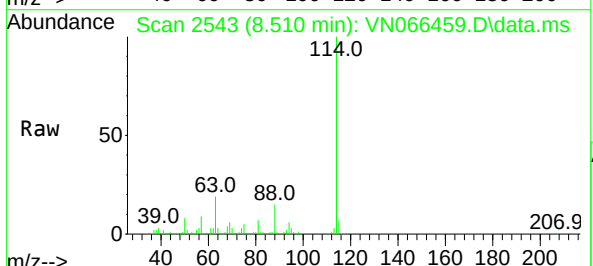
Instrument :
 MSVOA_N
 ClientSampleId :
 B5-0-2ME

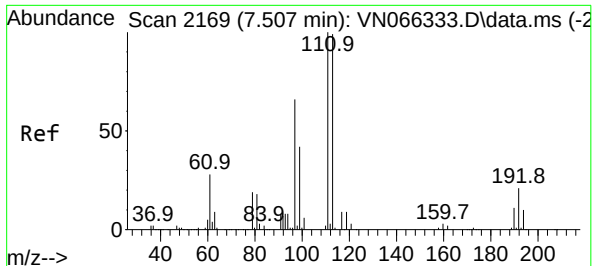
Tgt Ion: 65 Resp: 289131
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.510 min Scan# 2543
 Delta R.T. -0.000 min
 Lab File: VN066459.D
 Acq: 1 Apr 2021 16:34

Tgt Ion: 114 Resp: 698129
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.0
 88 14.8 0.0 31.0

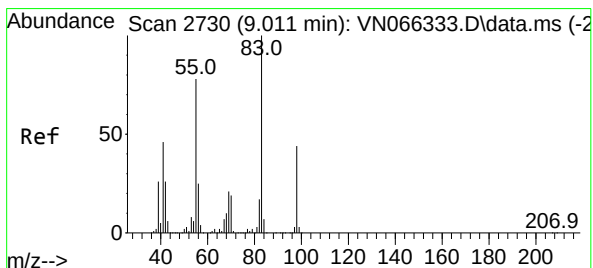
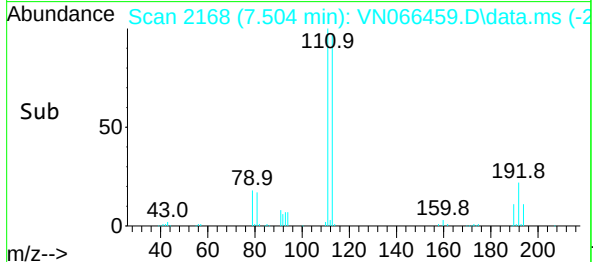
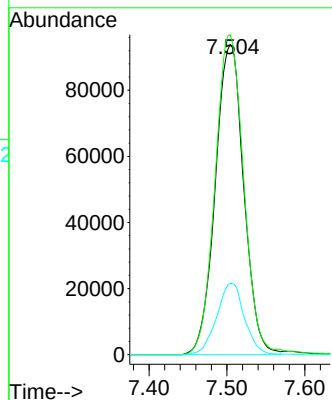
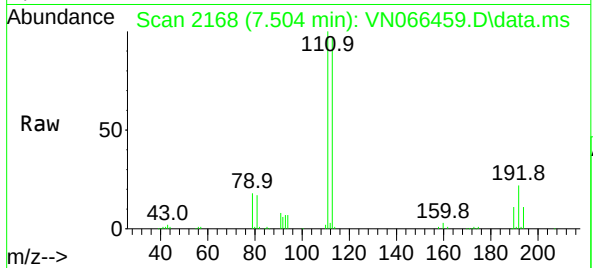




#35
Dibromofluoromethane
Concen: 51.41 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. 0.003 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

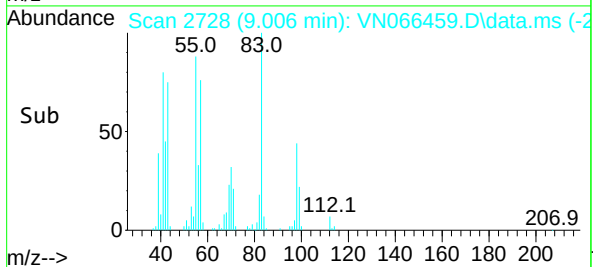
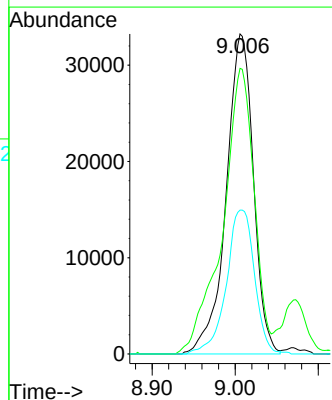
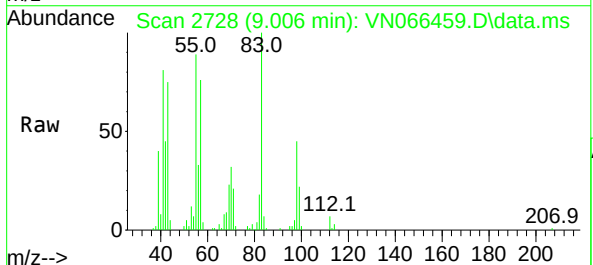
Instrument :
MSVOA_N
ClientSampleId :
B5-0-2ME

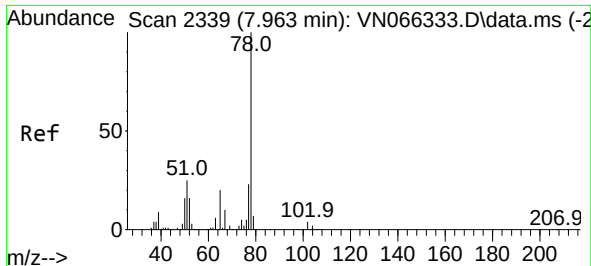
Tgt Ion:113 Resp: 237917
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.8
192 22.5 17.1 25.7



#39
Methylcyclohexane
Concen: 9.47 ug/l
RT: 9.006 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

Tgt Ion: 83 Resp: 75750
Ion Ratio Lower Upper
83 100
55 88.3 62.3 93.5
98 45.0 35.6 53.4

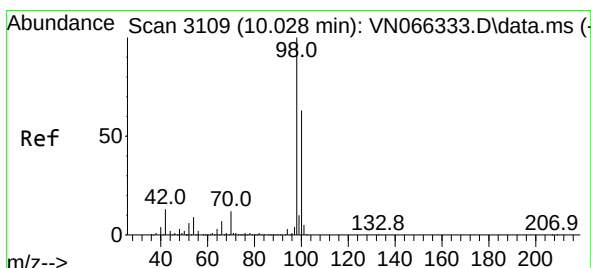
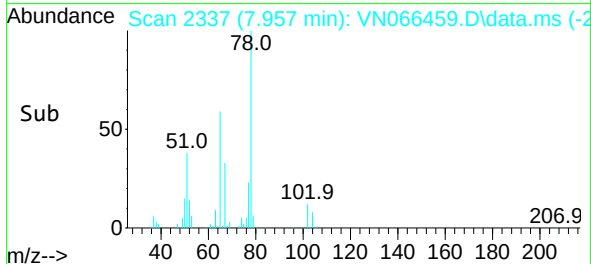
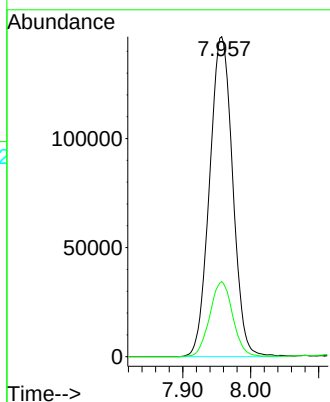
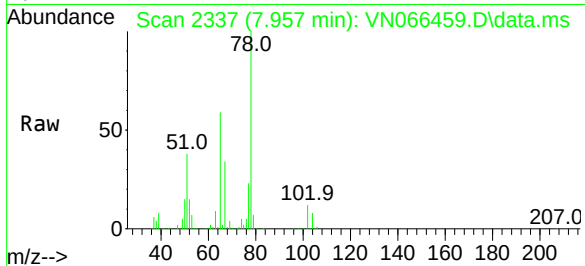




#40
Benzene
Concen: 17.50 ug/l
RT: 7.957 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

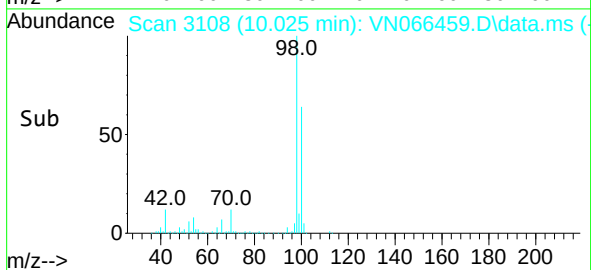
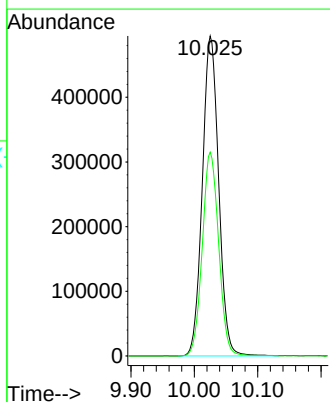
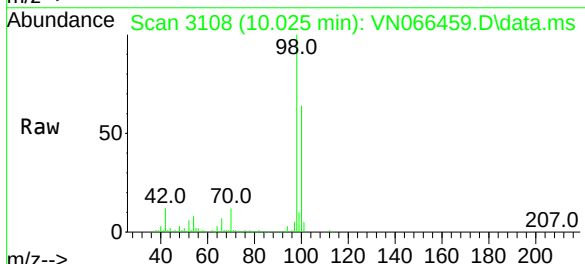
Instrument :
MSVOA_N
ClientSampled :
B5-0-2ME

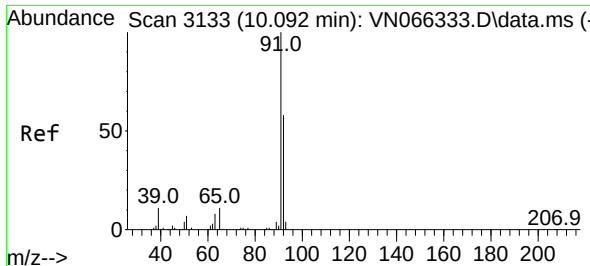
Tgt Ion: 78 Resp: 346699
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1



#50
Toluene-d8
Concen: 50.53 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

Tgt Ion: 98 Resp: 886979
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7

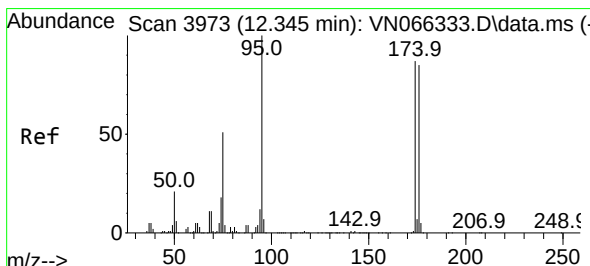
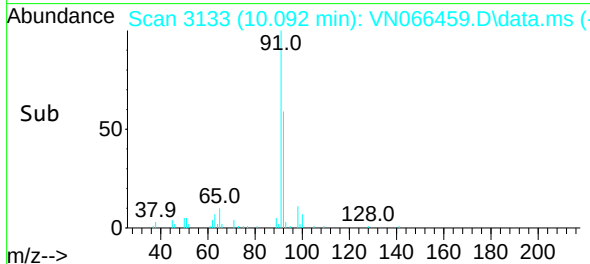
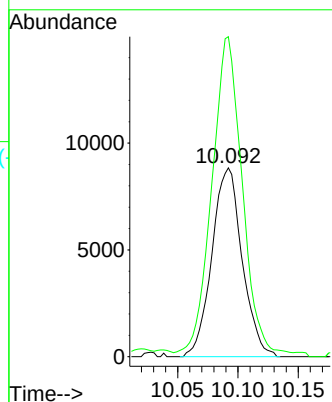
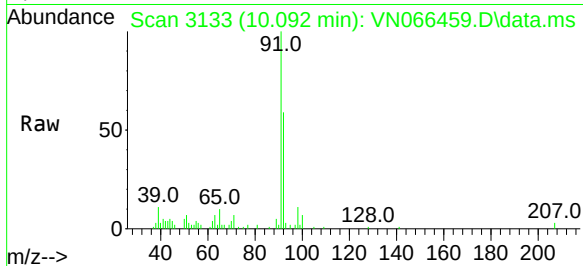




#52
Toluene
Concen: 1.27 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

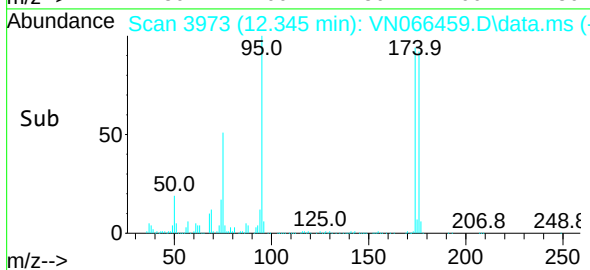
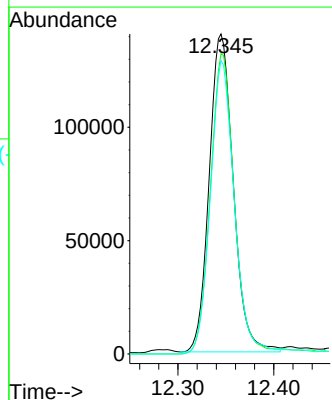
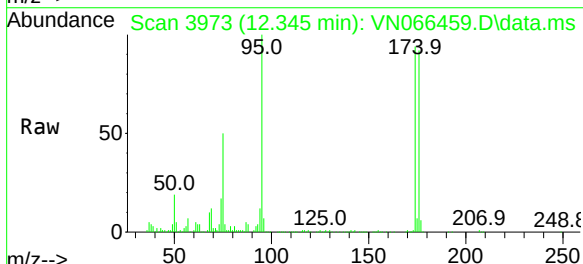
Instrument :
MSVOA_N
ClientSampled :
B5-0-2ME

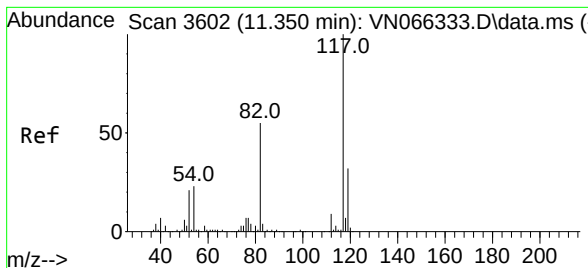
Tgt Ion: 92 Resp: 15416
Ion Ratio Lower Upper
92 100
91 164.8 138.8 208.2



#62
4-Bromofluorobenzene
Concen: 40.20 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

Tgt Ion: 95 Resp: 245117
Ion Ratio Lower Upper
95 100
174 93.8 0.0 172.2
176 92.1 0.0 167.8

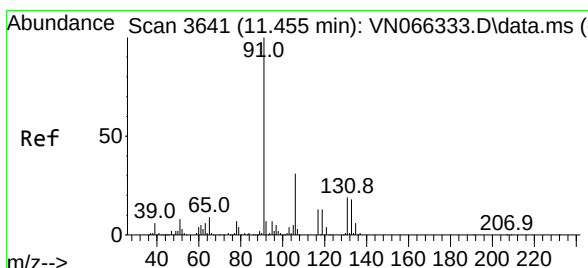
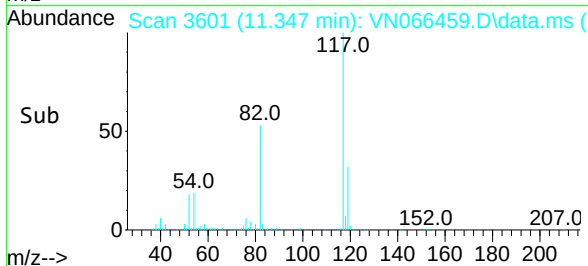
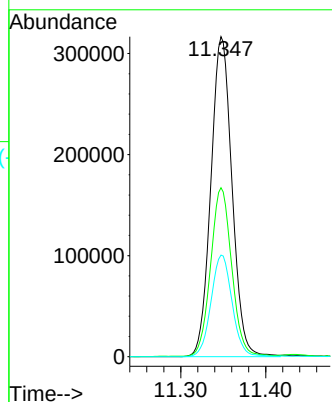
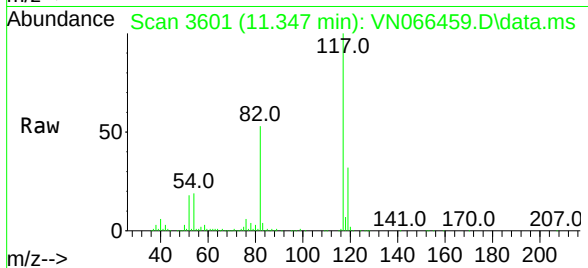




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

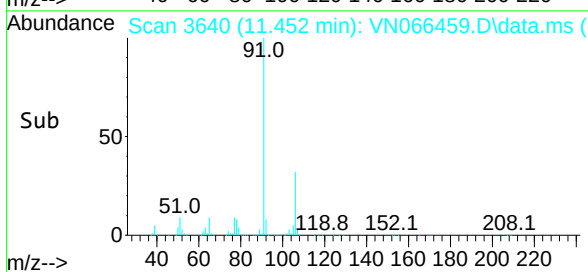
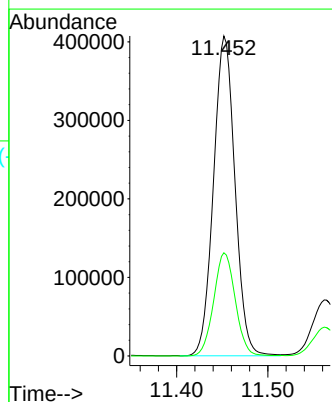
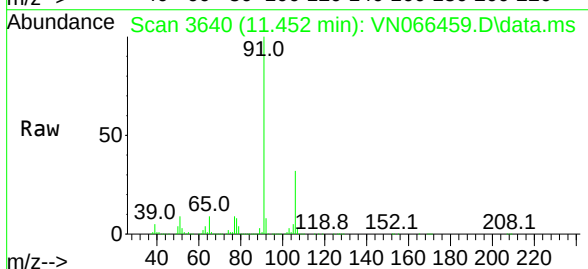
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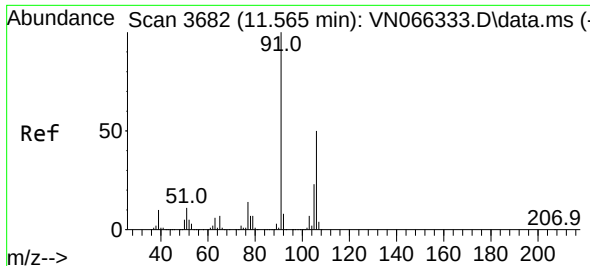
Tgt Ion:117 Resp: 547886
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.4
119 31.8 25.8 38.6



#67
Ethyl Benzene
Concen: 33.58 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

Tgt Ion: 91 Resp: 665822
Ion Ratio Lower Upper
91 100
106 32.3 24.7 37.1

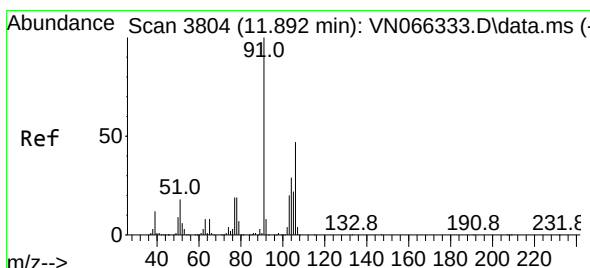
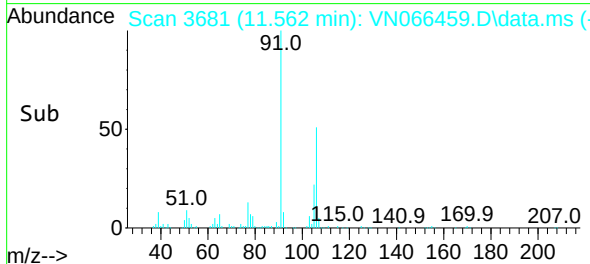
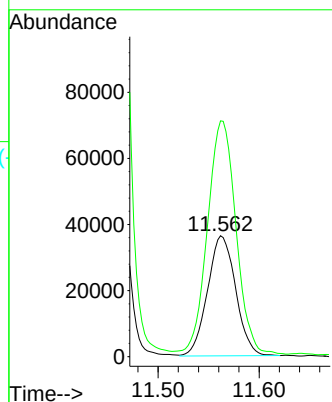
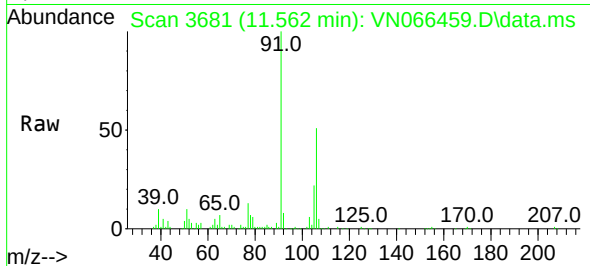




#68
m/p-Xylenes
Concen: 9.33 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.000 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

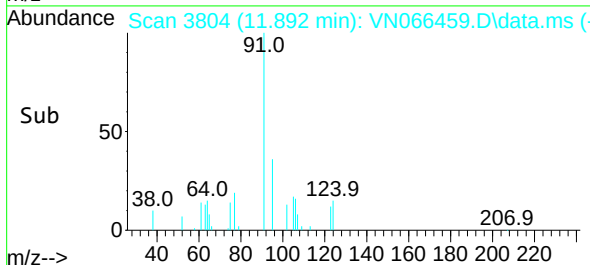
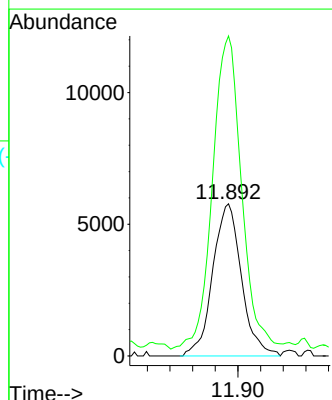
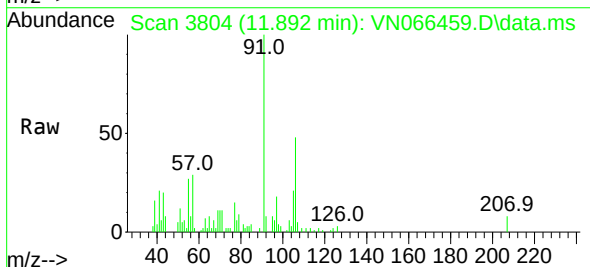
Instrument :
MSVOA_N
ClientSampleId :
B5-0-2ME

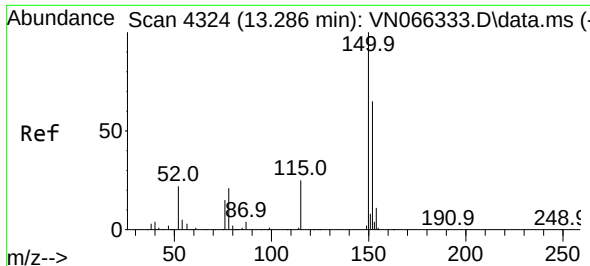
Tgt Ion:106 Resp: 70262
Ion Ratio Lower Upper
106 100
91 197.1 162.7 244.1



#69
o-Xylene
Concen: 1.40 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

Tgt Ion:106 Resp: 10168
Ion Ratio Lower Upper
106 100
91 207.6 107.1 321.4

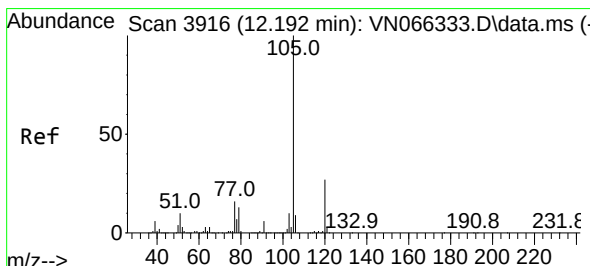
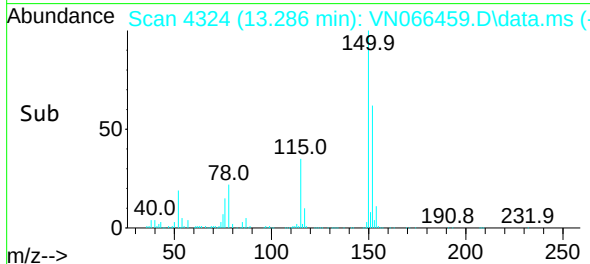
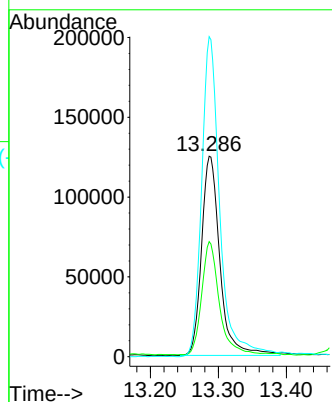
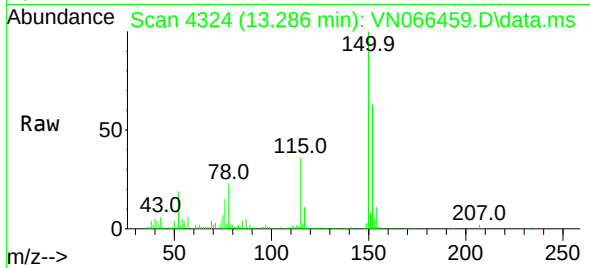




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.003 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

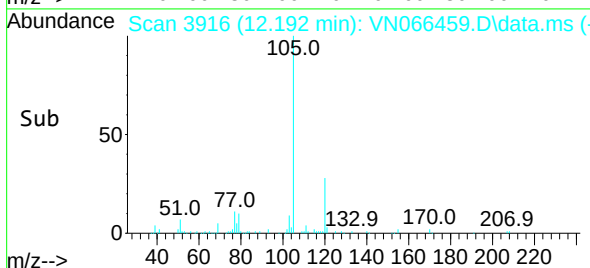
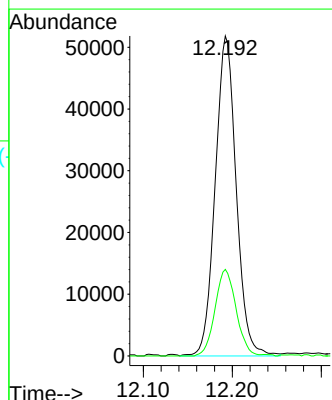
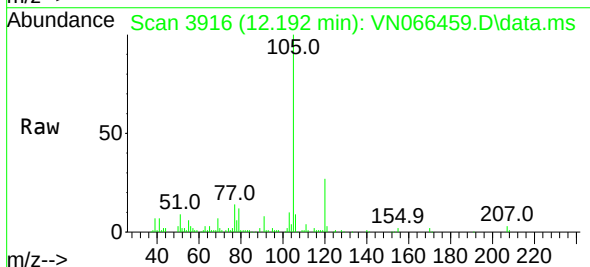
Instrument :
MSVOA_N
ClientSampleId :
B5-0-2ME

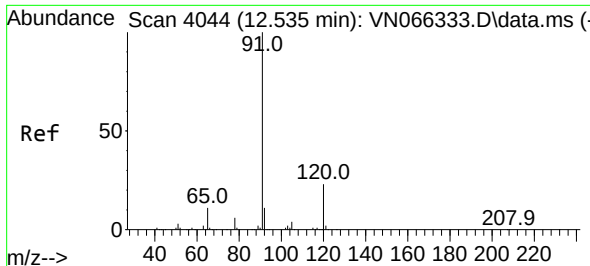
Tgt Ion:152 Resp: 235141
Ion Ratio Lower Upper
152 100
115 53.9 27.8 83.4
150 158.9 0.0 348.4



#73
Isopropylbenzene
Concen: 4.86 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

Tgt Ion:105 Resp: 85027
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.8

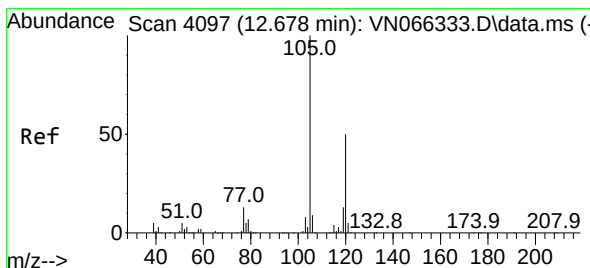
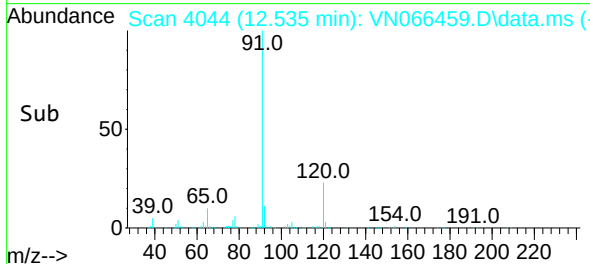
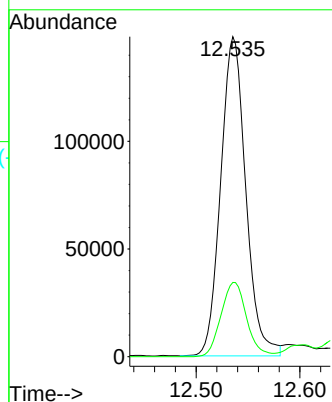
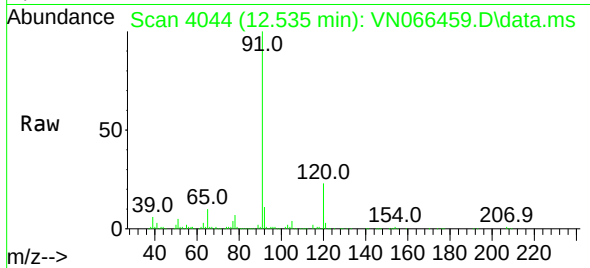




#78
n-propylbenzene
Concen: 13.08 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.003 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

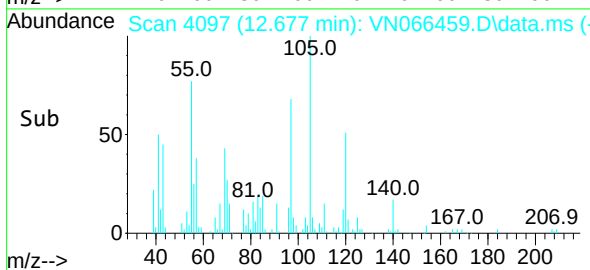
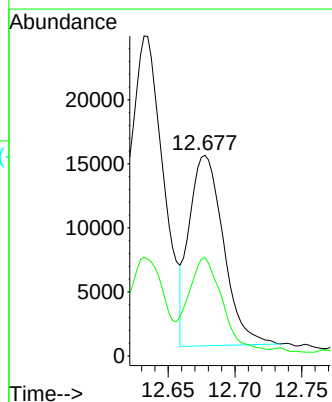
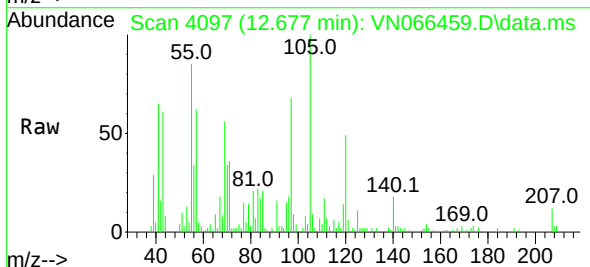
Instrument :
MSVOA_N
ClientSampled :
B5-0-2ME

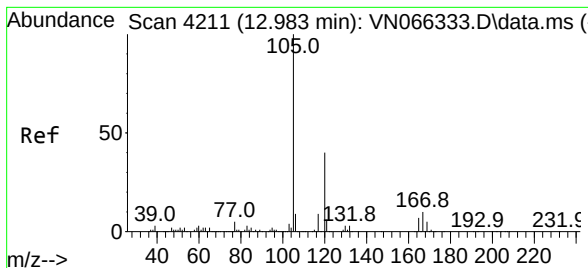
Tgt Ion: 91 Resp: 248754
Ion Ratio Lower Upper
91 100
120 23.9 11.7 35.1



#80
1,3,5-Trimethylbenzene
Concen: 1.85 ug/l
RT: 12.677 min Scan# 4097
Delta R.T. 0.003 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

Tgt Ion: 105 Resp: 26527
Ion Ratio Lower Upper
105 100
120 47.4 24.5 73.5

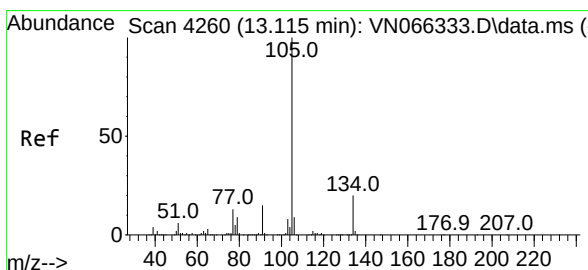
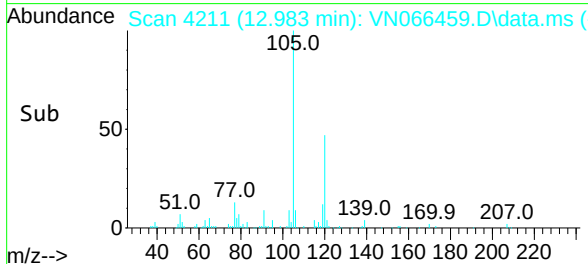
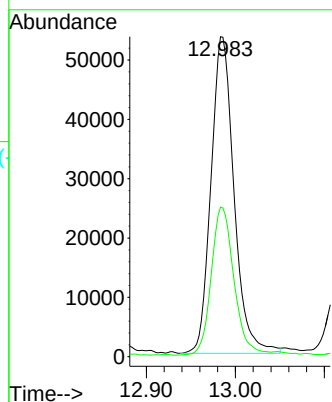
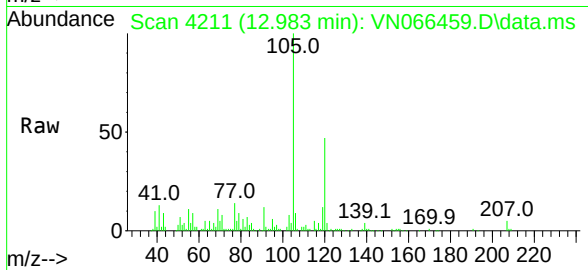




#84
1,2,4-Trimethylbenzene
Concen: 6.91 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

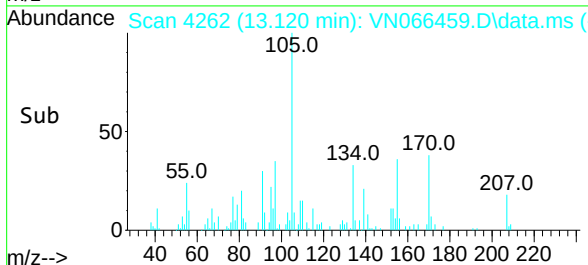
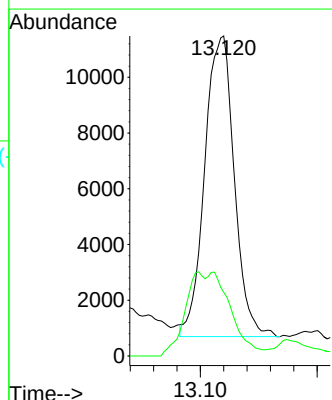
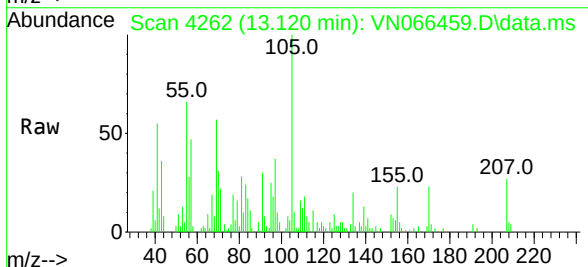
Instrument :
MSVOA_N
ClientSampleId :
B5-0-2ME

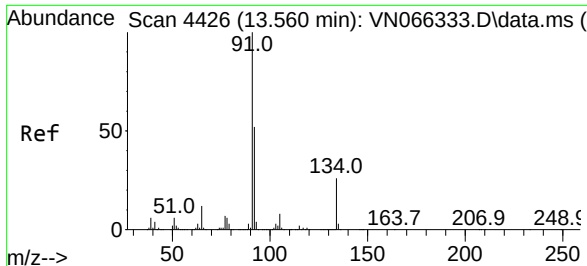
Tgt Ion:105 Resp: 95978
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2



#85
sec-Butylbenzene
Concen: 1.19 ug/l
RT: 13.120 min Scan# 4262
Delta R.T. 0.005 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

Tgt Ion:105 Resp: 18952
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#

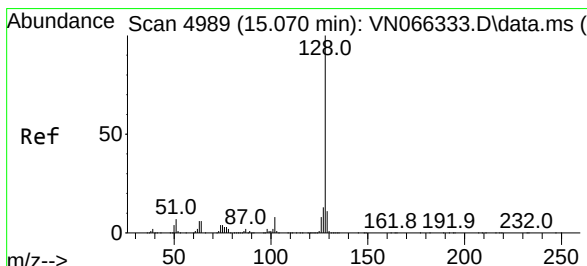
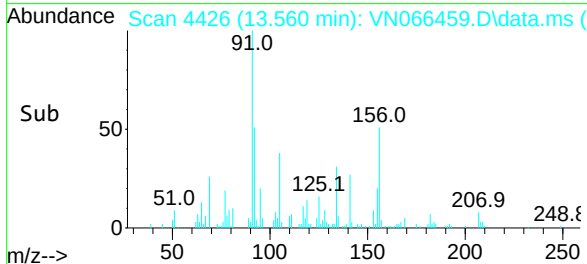
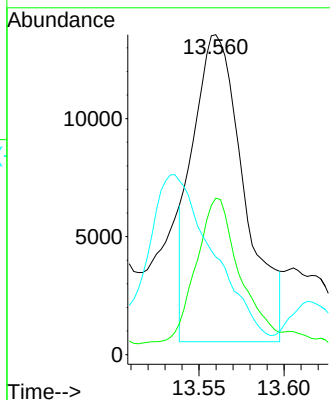
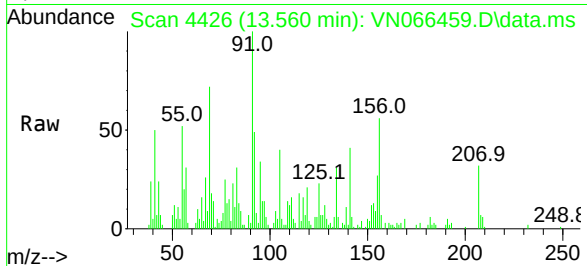




#89
n-Butylbenzene
Concen: 2.32 ug/l m
RT: 13.560 min Scan# 4426
Delta R.T. 0.003 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

Instrument :
MSVOA_N
ClientSampleId :
B5-0-2ME

Tgt Ion: 91 Resp: 27410
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 0.0 12.8 38.4#



#95
Naphthalene
Concen: 6.97 ug/l
RT: 15.266 min Scan# 5062
Delta R.T. 0.005 min
Lab File: VN066459.D
Acq: 1 Apr 2021 16:34

Tgt Ion: 128 Resp: 79777
Ion Ratio Lower Upper
128 100
127 15.1 10.5 15.7
129 8.9 8.5 12.7

