

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031521\
 Data File : VN066202.D
 Acq On : 15 Mar 2021 16:50
 Operator : JC/MD
 Sample : M1678-02ME
 Misc : 5.04g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 D2470-D2800(SOIL)-AME

Quant Time: Mar 16 02:10:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 13:00:23 2021
 Response via : Initial Calibration

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

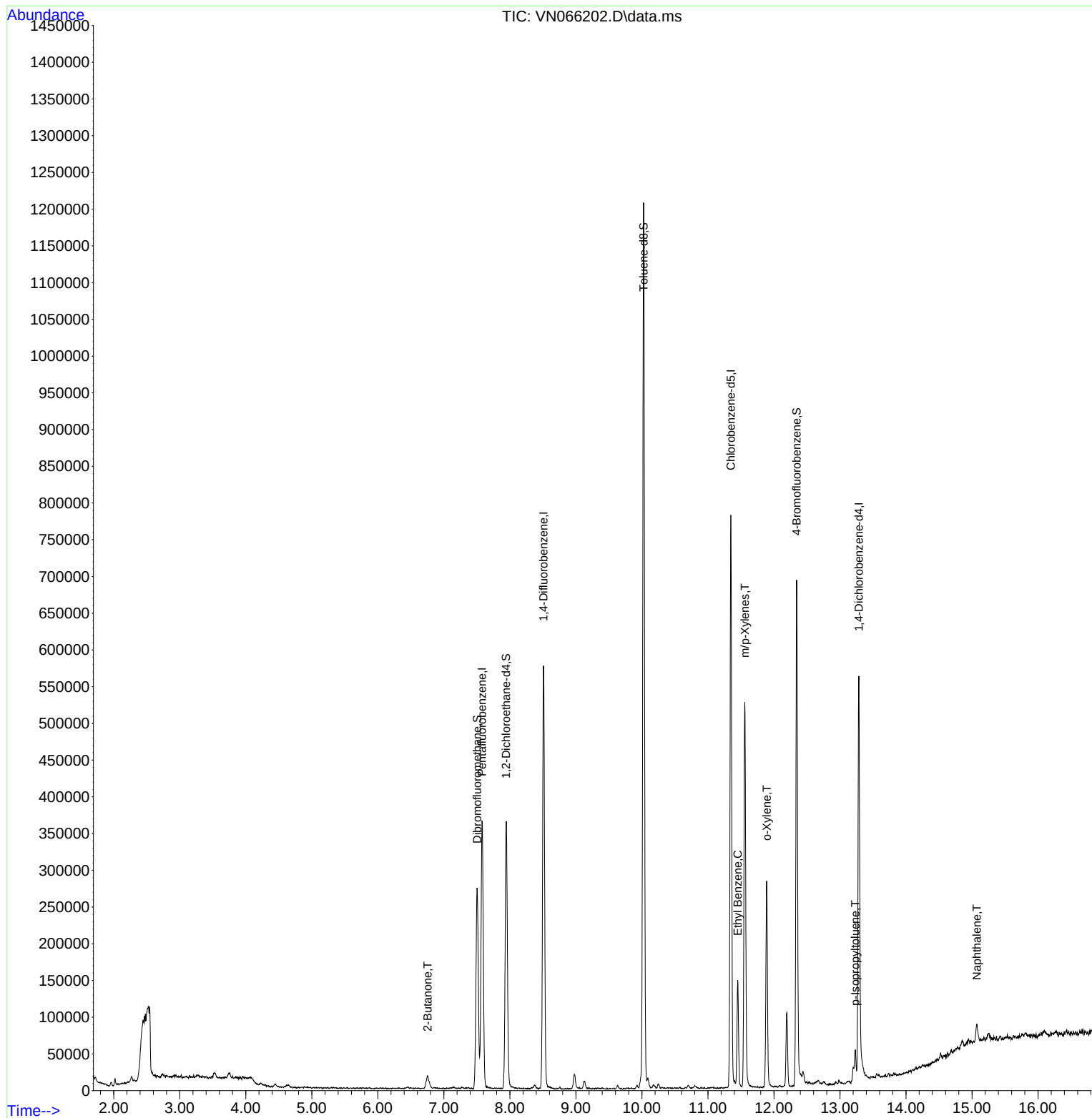
Internal Standards						
1) Pentafluorobenzene	7.579	168	299791	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.510	114	476329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	422576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	161418	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	313188	64.75	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 129.50%			
35) Dibromofluoromethane	7.504	113	205452	63.93	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 127.86%			
50) Toluene-d8	10.025	98	795526	61.12	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 122.24%			
62) 4-Bromofluorobenzene	12.345	95	240041	50.13	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.26%			
Target Compounds					Qvalue	
25) 2-Butanone	6.753	43	32756	8.98	ug/l	92
67) Ethyl Benzene	11.452	91	99603	6.33	ug/l	98
68) m/p-Xylenes	11.559	106	157624	27.03	ug/l	99
69) o-Xylene	11.892	106	72458	12.79	ug/l	99
86) p-Isopropyltoluene	13.233	119	23589	2.34	ug/l	97
95) Naphthalene	15.073	128	23256	4.28	ug/l #	84

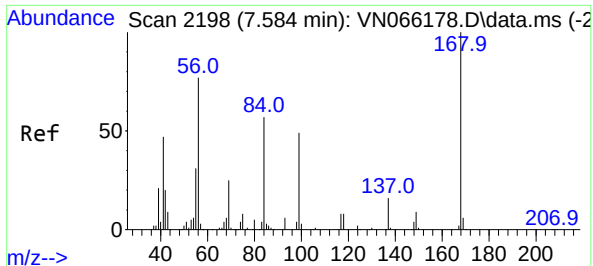
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 12 13:00:23 2021
Response via : Initial Calibration

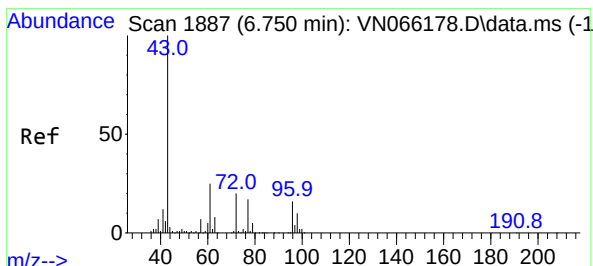
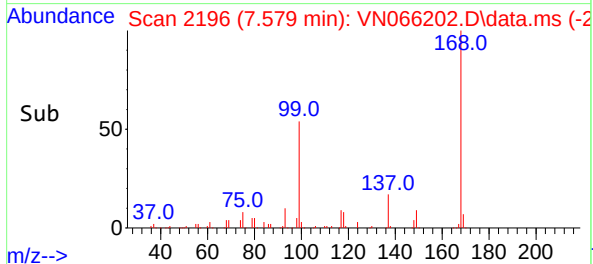
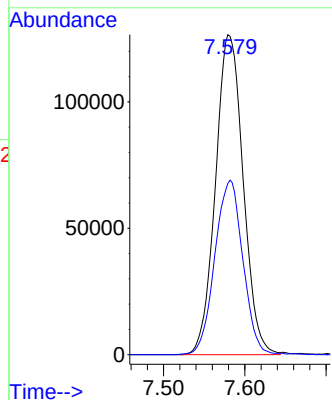
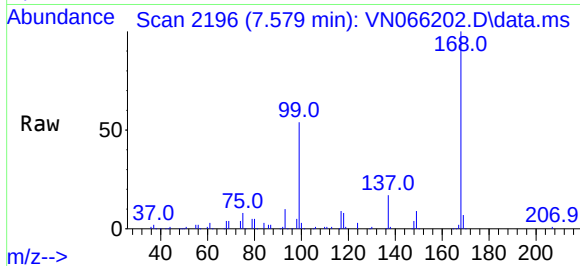




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.011 min
Lab File: VN066202.D
Acq: 15 Mar 2021 16:50

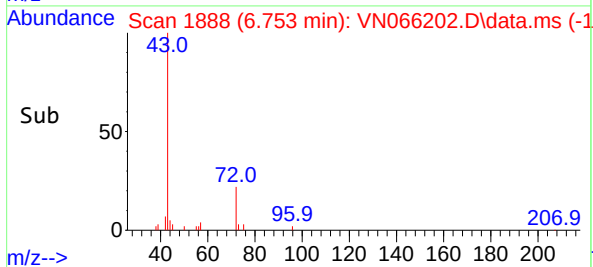
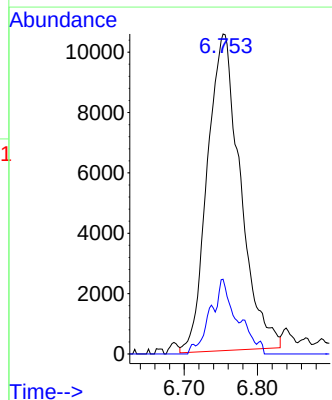
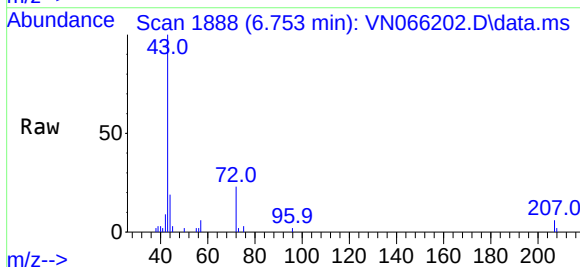
Instrument :
MSVOA_N
ClientSampleId :
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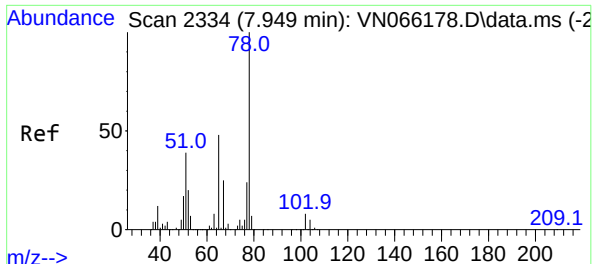
Tgt Ion:168 Resp: 299791
Ion Ratio Lower Upper
168 100
99 53.4 45.4 68.0



#25
2-Butanone
Concen: 8.98 ug/l
RT: 6.753 min Scan# 1888
Delta R.T. 0.003 min
Lab File: VN066202.D
Acq: 15 Mar 2021 16:50

Tgt Ion: 43 Resp: 32756
Ion Ratio Lower Upper
43 100
72 23.8 16.2 24.2

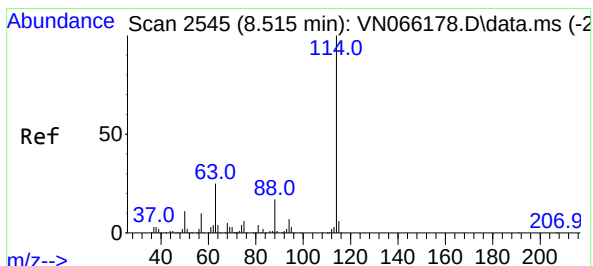
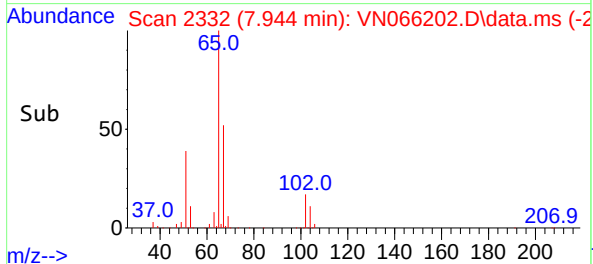
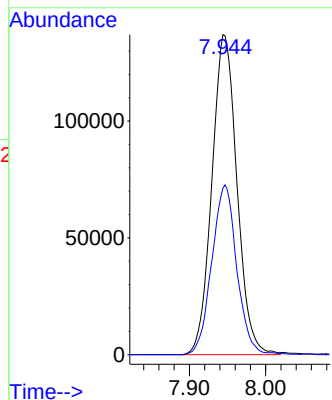
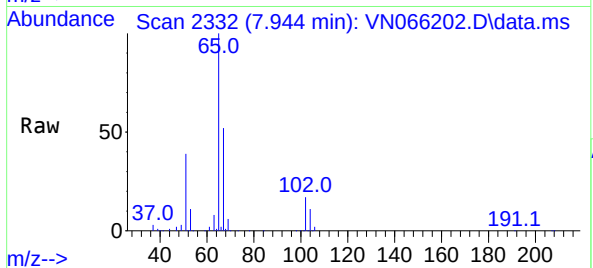




#33
1,2-Dichloroethane-d4
Concen: 64.75 ug/l
RT: 7.944 min Scan# 2332
Delta R.T. -0.008 min
Lab File: VN066202.D
Acq: 15 Mar 2021 16:50

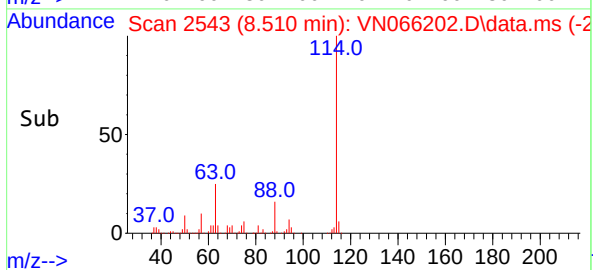
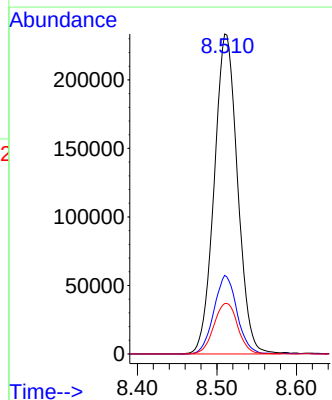
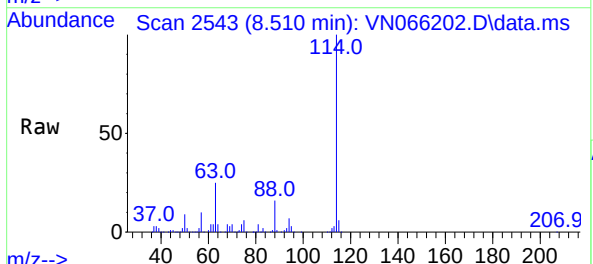
Instrument :
MSVOA_N
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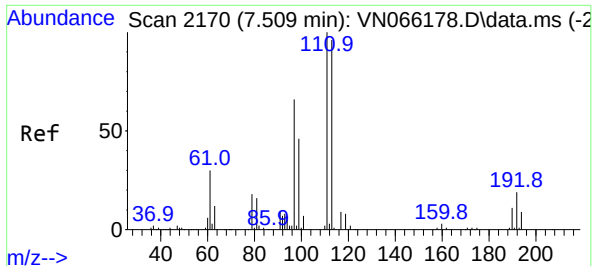
Tgt Ion: 65 Resp: 313188
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.510 min Scan# 2543
Delta R.T. -0.008 min
Lab File: VN066202.D
Acq: 15 Mar 2021 16:50

Tgt Ion: 114 Resp: 476329
Ion Ratio Lower Upper
114 100
63 24.5 0.0 49.2
88 15.7 0.0 33.8

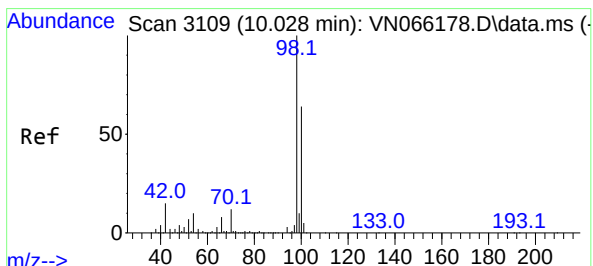
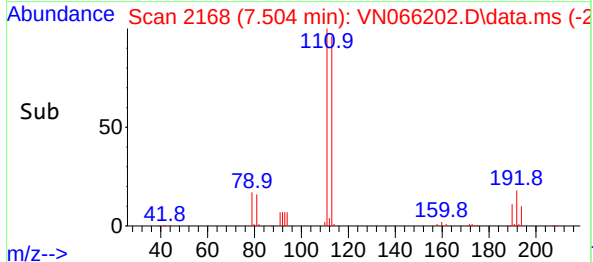
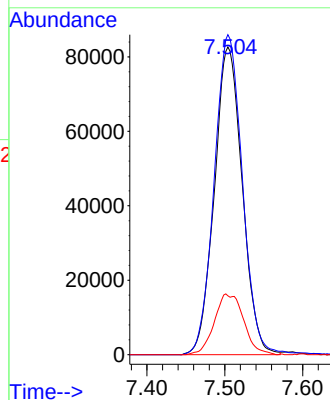
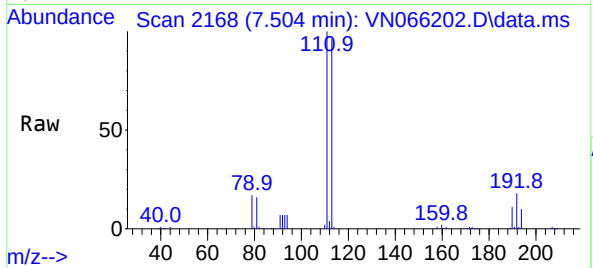




#35
Dibromofluoromethane
Concen: 63.93 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. -0.005 min
Lab File: VN066202.D
Acq: 15 Mar 2021 16:50

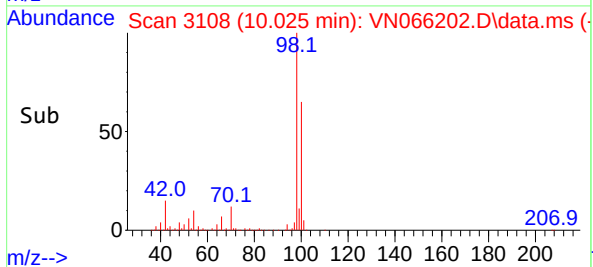
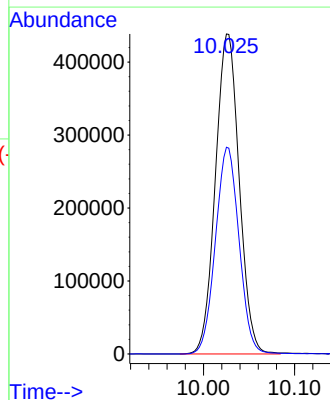
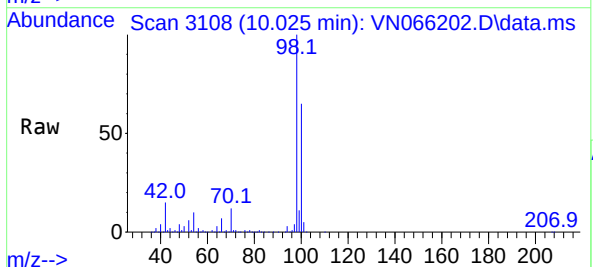
Instrument :
MSVOA_N
ClientSampleId :
D2470-D2800(SOIL)-AME

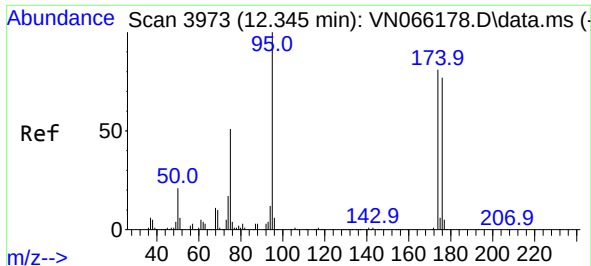
Tgt Ion:113 Resp: 205452
Ion Ratio Lower Upper
113 100
111 104.9 84.0 126.0
192 20.7 16.7 25.1



#50
Toluene-d8
Concen: 61.12 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.005 min
Lab File: VN066202.D
Acq: 15 Mar 2021 16:50

Tgt Ion: 98 Resp: 795526
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.6

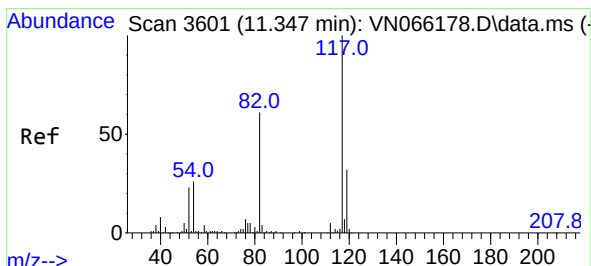
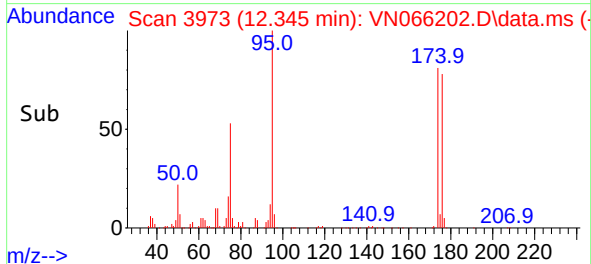
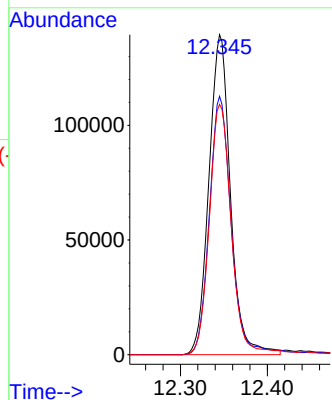
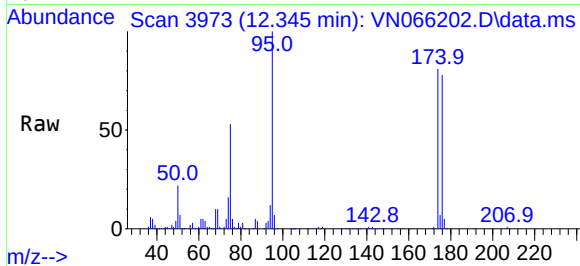




#62
4-Bromofluorobenzene
Concen: 50.13 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.003 min
Lab File: VN066202.D
Acq: 15 Mar 2021 16:50

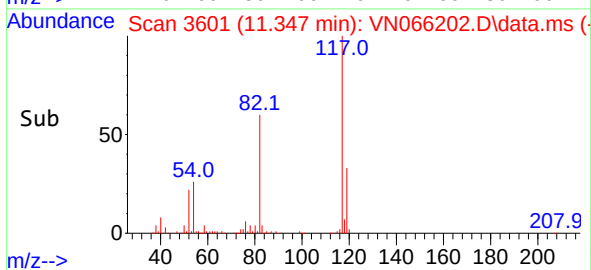
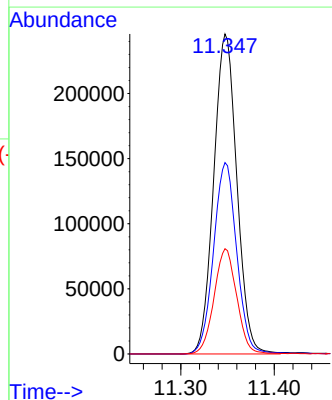
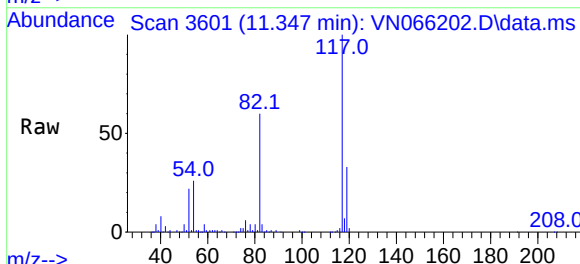
Instrument :
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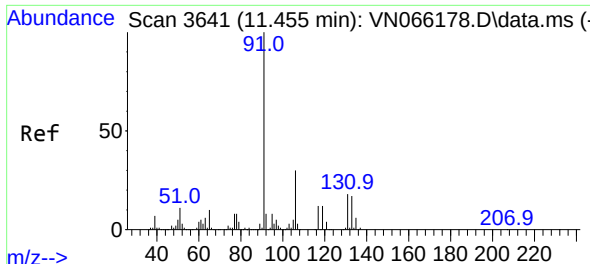
Tgt Ion: 95 Resp: 240041
Ion Ratio Lower Upper
95 100
174 82.4 0.0 162.4
176 80.0 0.0 156.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066202.D
Acq: 15 Mar 2021 16:50

Tgt Ion: 117 Resp: 422576
Ion Ratio Lower Upper
117 100
82 59.8 49.0 73.6
119 32.9 25.7 38.5

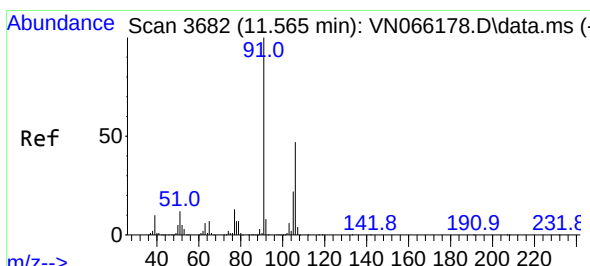
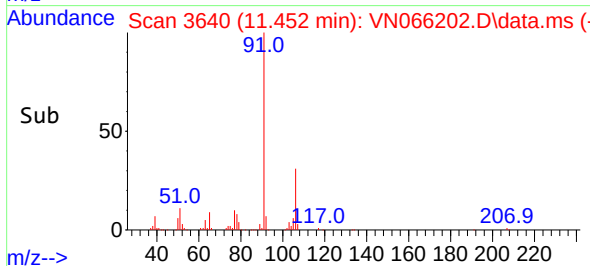
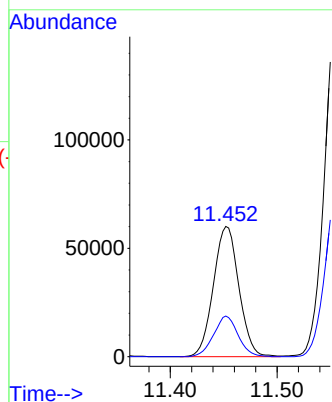
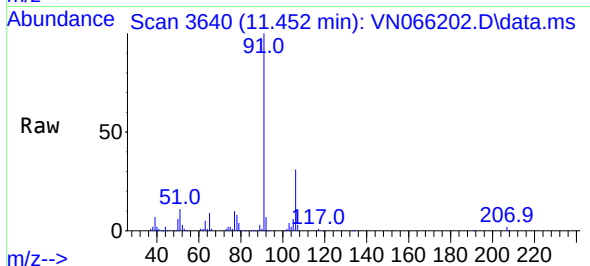




#67
Ethyl Benzene
Concen: 6.33 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066202.D
Acq: 15 Mar 2021 16:50

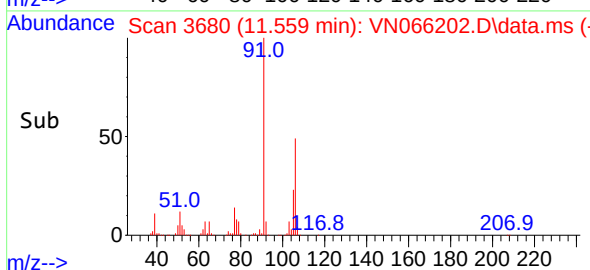
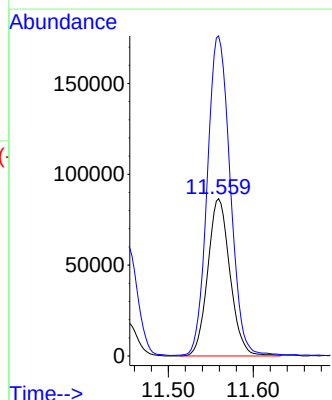
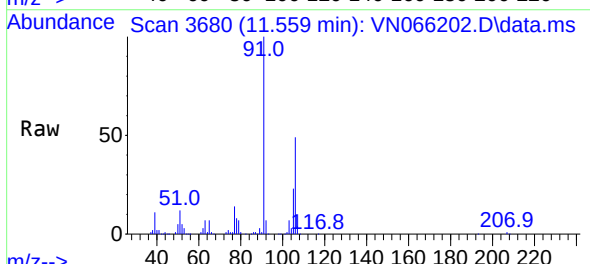
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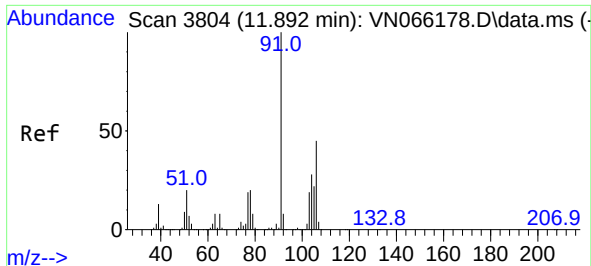
Tgt Ion: 91 Resp: 99603
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.2



#68
m/p-Xylenes
Concen: 27.03 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.005 min
Lab File: VN066202.D
Acq: 15 Mar 2021 16:50

Tgt Ion:106 Resp: 157624
Ion Ratio Lower Upper
106 100
91 208.8 168.2 252.4

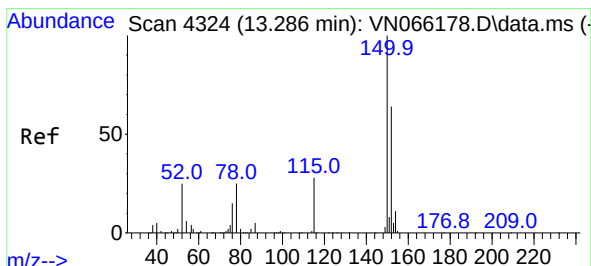
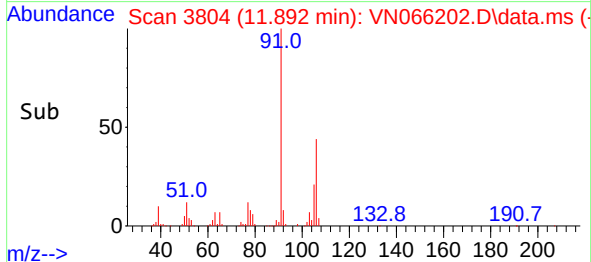
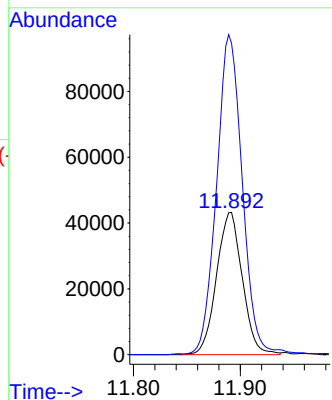
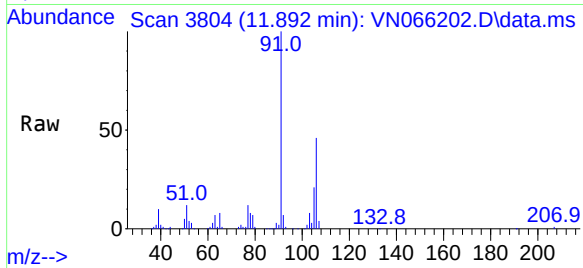




#69
o-Xylene
Concen: 12.79 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066202.D
Acq: 15 Mar 2021 16:50

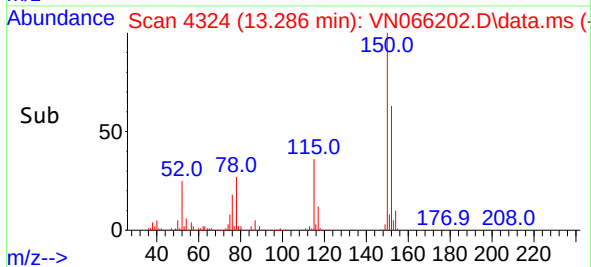
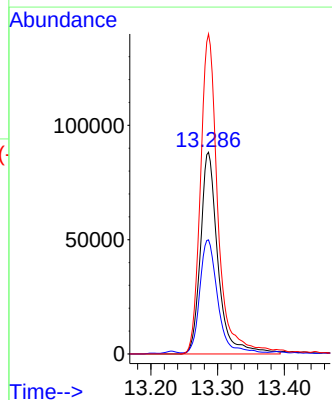
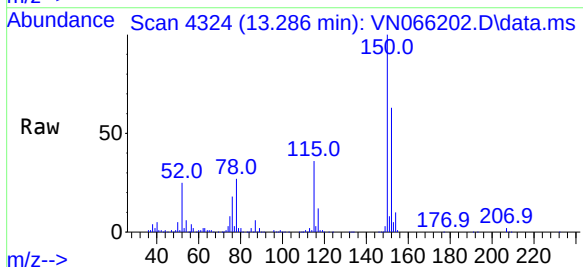
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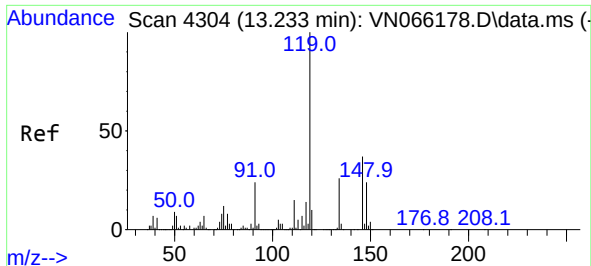
Tgt Ion:106 Resp: 72458
Ion Ratio Lower Upper
106 100
91 225.9 111.8 335.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. -0.003 min
Lab File: VN066202.D
Acq: 15 Mar 2021 16:50

Tgt Ion:152 Resp: 161418
Ion Ratio Lower Upper
152 100
115 56.5 29.4 88.3
150 157.0 0.0 352.2

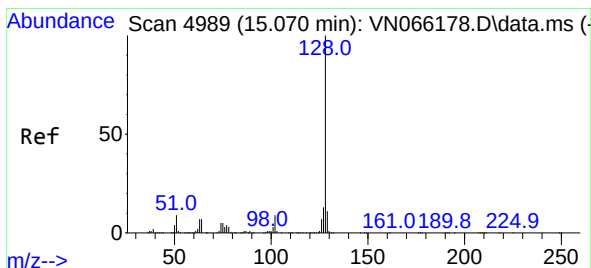
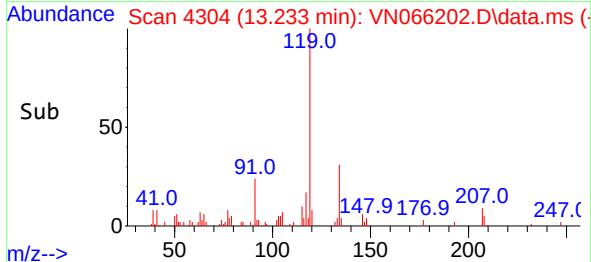
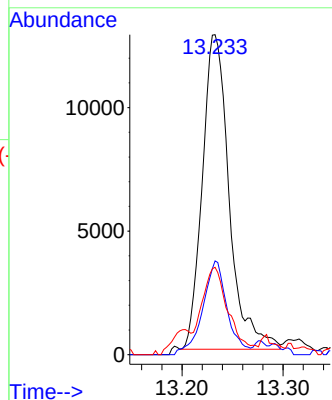
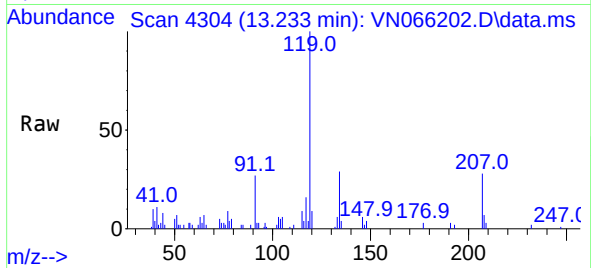




#86
p-Isopropyltoluene
Concen: 2.34 ug/l
RT: 13.233 min Scan# 4304
Delta R.T. -0.000 min
Lab File: VN066202.D
Acq: 15 Mar 2021 16:50

Instrument :
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ClientSampleId :
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Tgt Ion:	119	Resp:	23589
Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.1	39.1
91	25.7	12.0	36.0



#95
Naphthalene
Concen: 4.28 ug/l
RT: 15.073 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN066202.D
Acq: 15 Mar 2021 16:50

Tgt Ion:	128	Resp:	23256
Ion	Ratio	Lower	Upper
128	100		
127	6.4	10.3	15.5#
129	4.9	8.4	12.6#

