

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066410.D
 Acq On : 30 Mar 2021 5:05
 Operator : JC/MD
 Sample : M1817-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PHC-326FB-003

Quant Time: Mar 30 07:10:31 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)

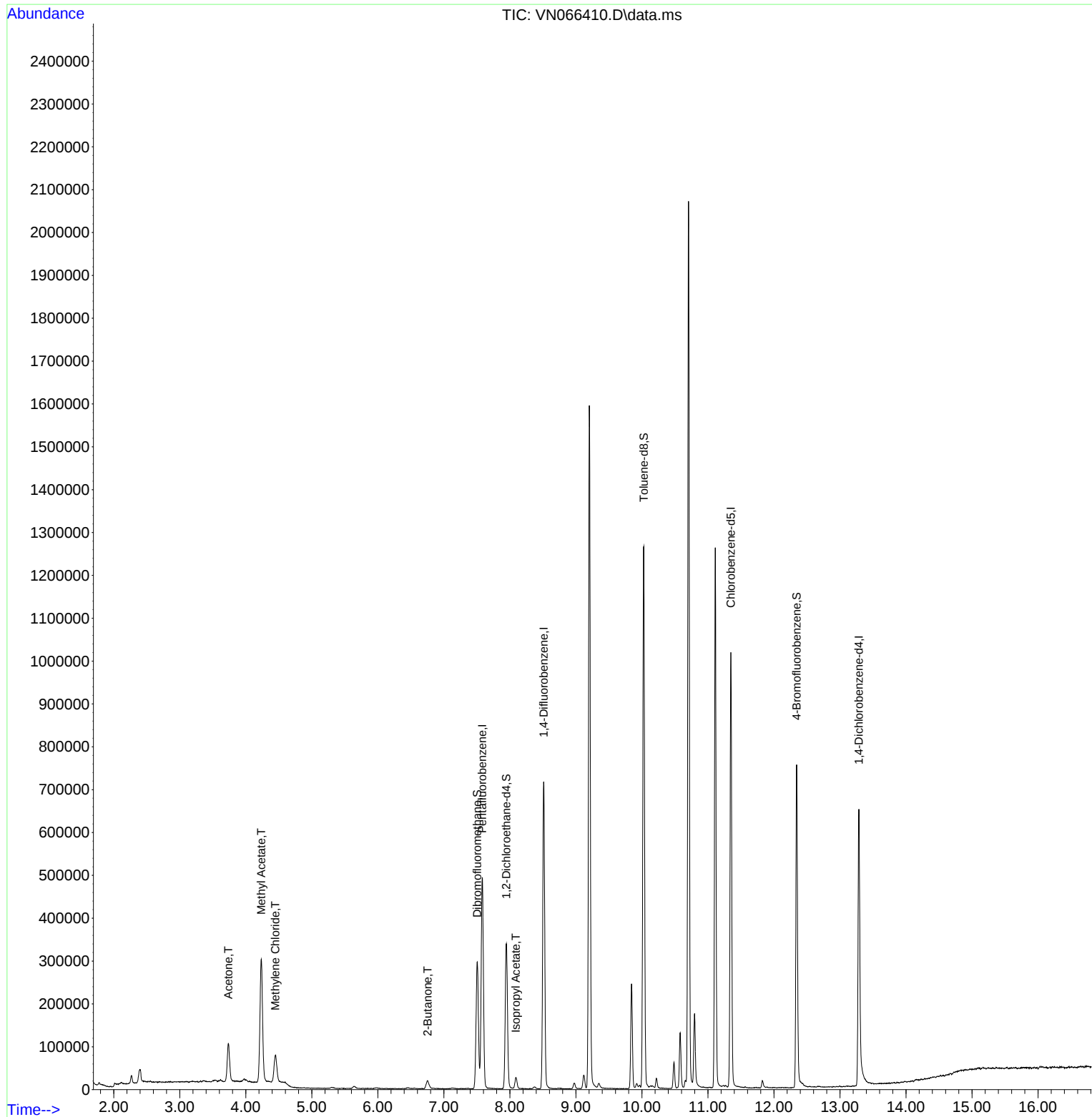
Internal Standards						
1) Pentafluorobenzene	7.582	168	413967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.513	114	631279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	571402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	211979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	289359	52.58	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.16%			
35) Dibromofluoromethane	7.504	113	223920	53.51	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.02%			
50) Toluene-d8	10.028	98	859349	54.14	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.28%			
62) 4-Bromofluorobenzene	12.345	95	253859	46.04	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.08%			
Target Compounds						
						Qvalue
16) Acetone	3.736	43	145098	48.80	ug/l	98
18) Methyl Acetate	4.235	43	538618	69.36	ug/l	98
20) Methylene Chloride	4.449	84	44795	7.43	ug/l	96
25) 2-Butanone	6.753	43	17809	5.48	ug/l	98
43) Isopropyl Acetate	8.091	43	33163	2.97	ug/l	98

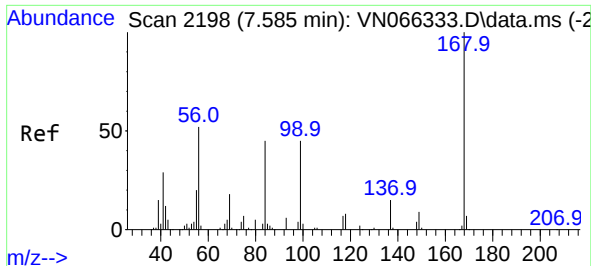
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

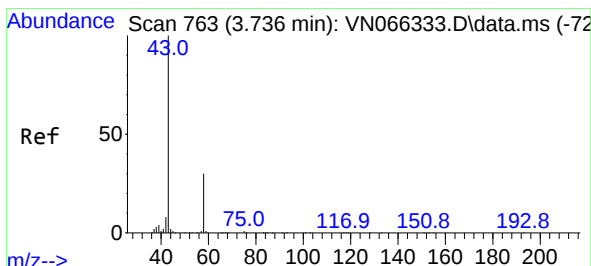
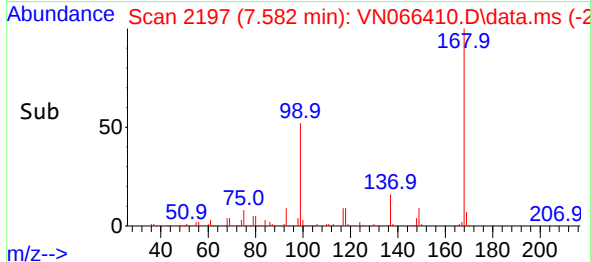
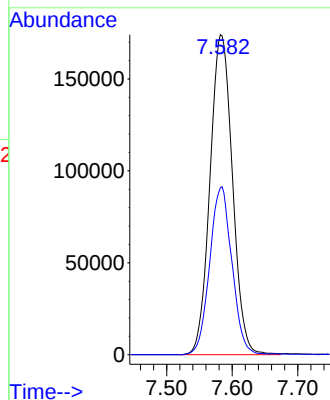
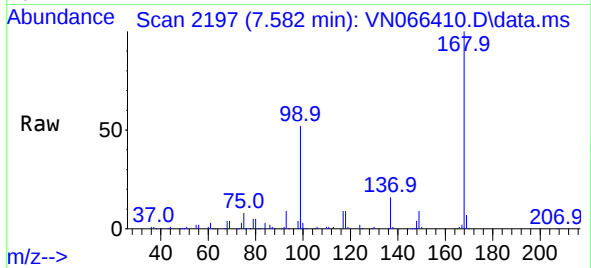




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VN066410.D
Acq: 30 Mar 2021 5:05

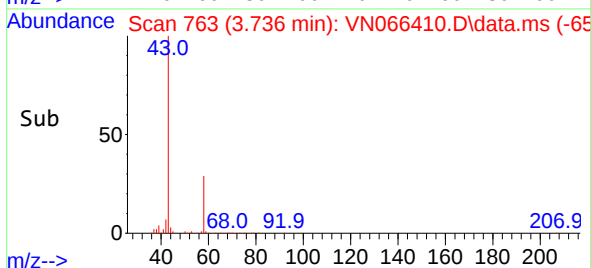
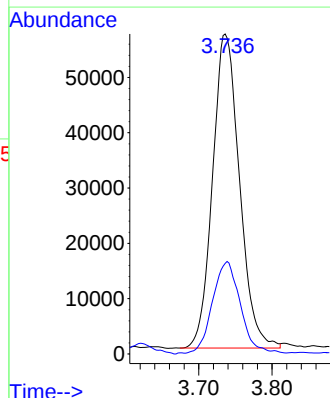
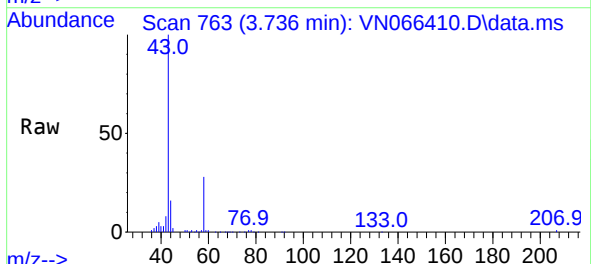
Instrument :
MSVOA_N
ClientSampleId :
PHC-326FB-003

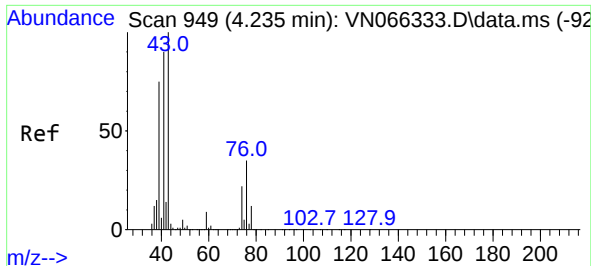
Tgt Ion:168 Resp: 413967
Ion Ratio Lower Upper
168 100
99 52.2 41.1 61.7



#16
Acetone
Concen: 48.80 ug/l
RT: 3.736 min Scan# 763
Delta R.T. 0.000 min
Lab File: VN066410.D
Acq: 30 Mar 2021 5:05

Tgt Ion: 43 Resp: 145098
Ion Ratio Lower Upper
43 100
58 28.5 23.8 35.8

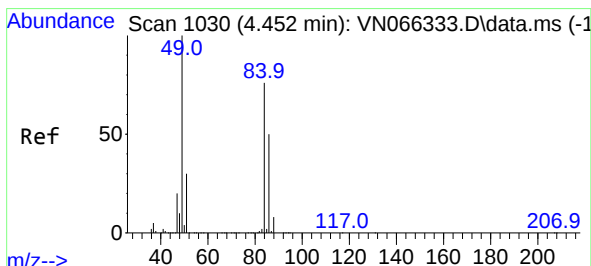
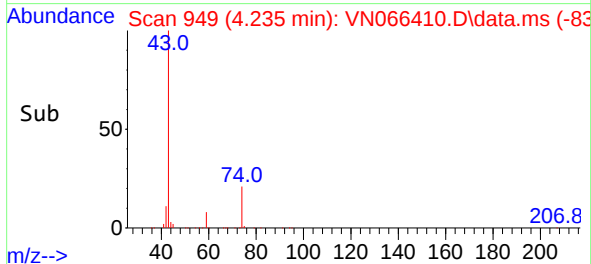
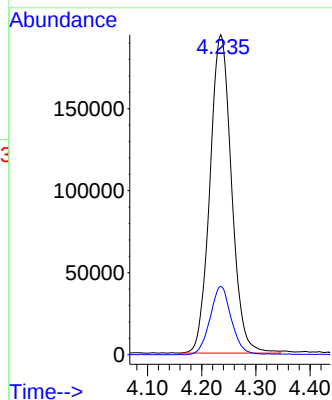
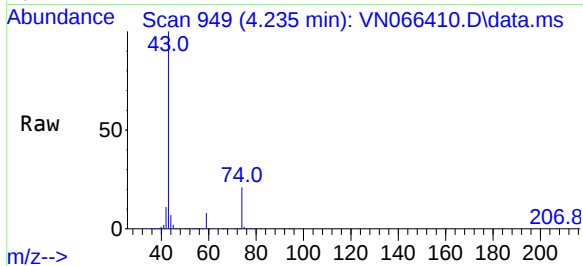




#18
Methyl Acetate
Concen: 69.36 ug/l
RT: 4.235 min Scan# 949
Delta R.T. 0.000 min
Lab File: VN066410.D
Acq: 30 Mar 2021 5:05

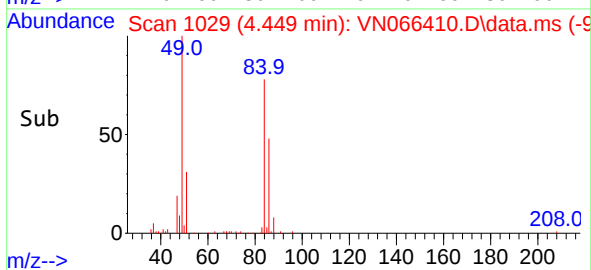
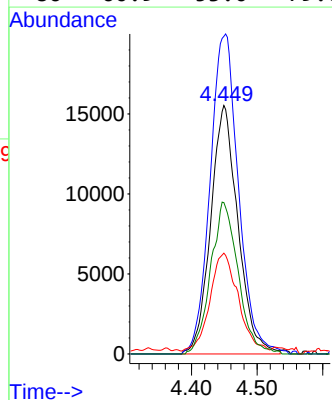
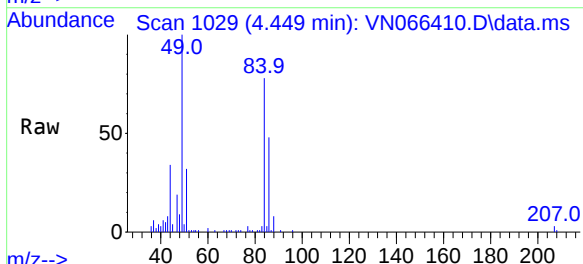
Instrument :
MSVOA_N
ClientSampleId :
PHC-326FB-003

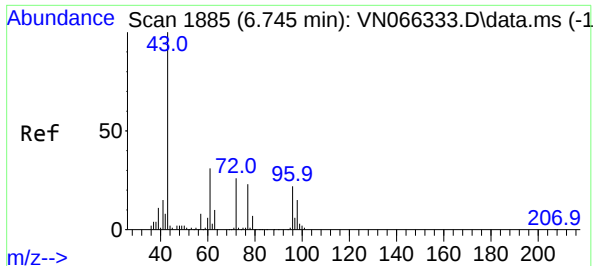
Tgt Ion: 43 Resp: 538618
Ion Ratio Lower Upper
43 100
74 21.1 17.6 26.4



#20
Methylene Chloride
Concen: 7.43 ug/l
RT: 4.449 min Scan# 1029
Delta R.T. -0.003 min
Lab File: VN066410.D
Acq: 30 Mar 2021 5:05

Tgt Ion: 84 Resp: 44795
Ion Ratio Lower Upper
84 100
49 127.8 105.0 157.6
51 39.2 31.6 47.4
86 60.9 53.0 79.6

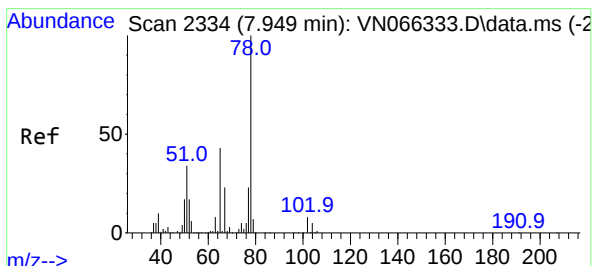
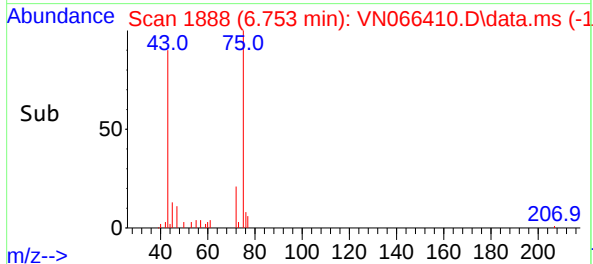
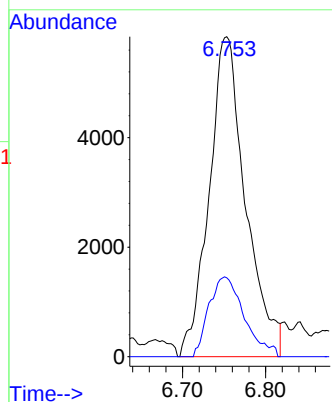
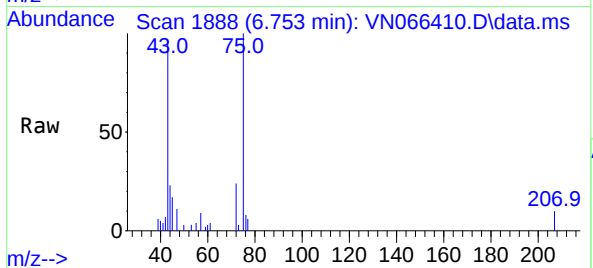




#25
2-Butanone
Concen: 5.48 ug/l
RT: 6.753 min Scan# 1888
Delta R.T. 0.008 min
Lab File: VN066410.D
Acq: 30 Mar 2021 5:05

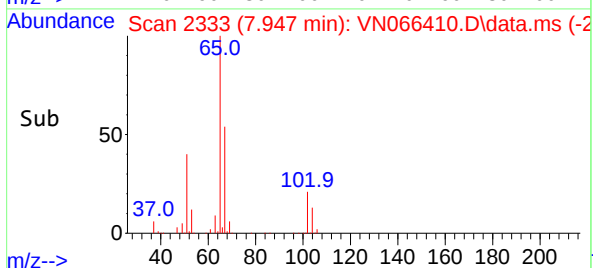
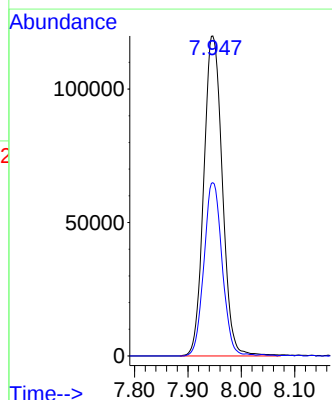
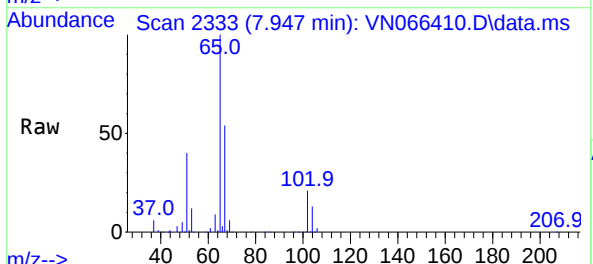
Instrument :
MSVOA_N
ClientSampleId :
PHC-326FB-003

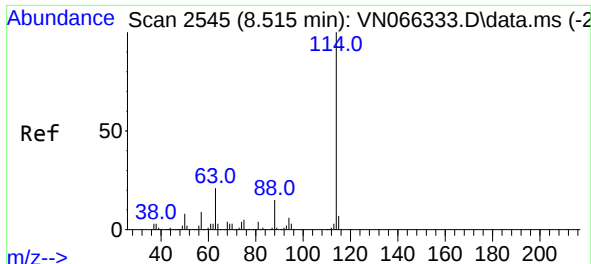
Tgt Ion: 43 Resp: 17809
Ion Ratio Lower Upper
43 100
72 24.7 20.7 31.1



#33
1,2-Dichloroethane-d4
Concen: 52.58 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.002 min
Lab File: VN066410.D
Acq: 30 Mar 2021 5:05

Tgt Ion: 65 Resp: 289359
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.2



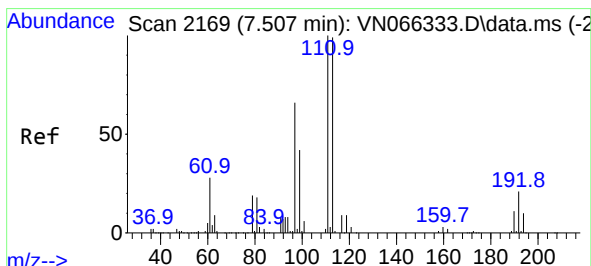
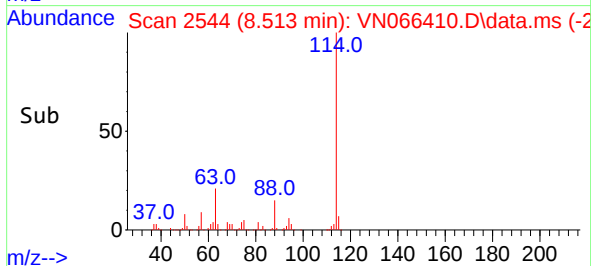
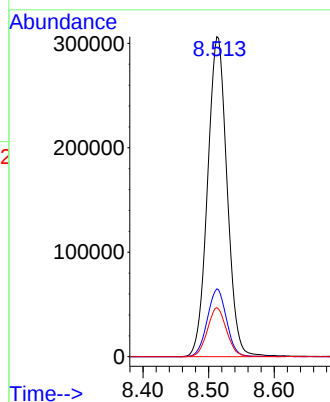
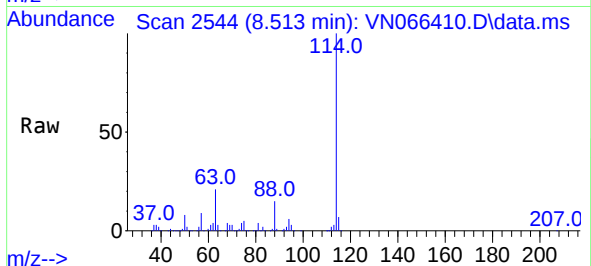


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.513 min Scan# 2544
Delta R.T. -0.002 min
Lab File: VN066410.D
Acq: 30 Mar 2021 5:05

Instrument :
MSVOA_N
ClientSampleId :
PHC-326FB-003

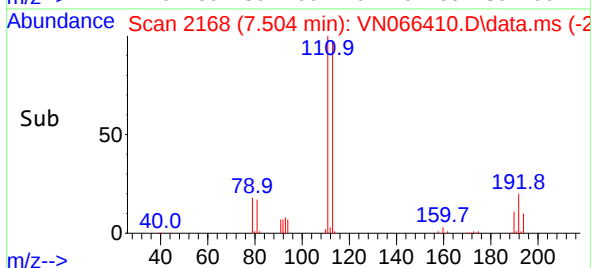
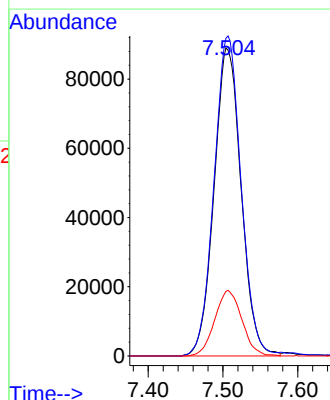
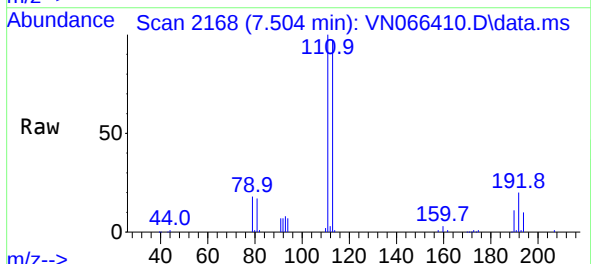
Tgt Ion:114 Resp: 631279
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.0
88 15.3 0.0 31.0

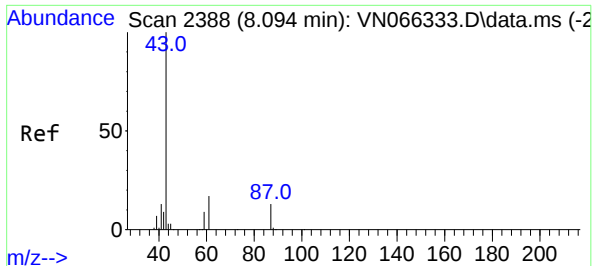


#35

Dibromofluoromethane
Concen: 53.51 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. -0.003 min
Lab File: VN066410.D
Acq: 30 Mar 2021 5:05

Tgt Ion:113 Resp: 223920
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.8
192 21.3 17.1 25.7



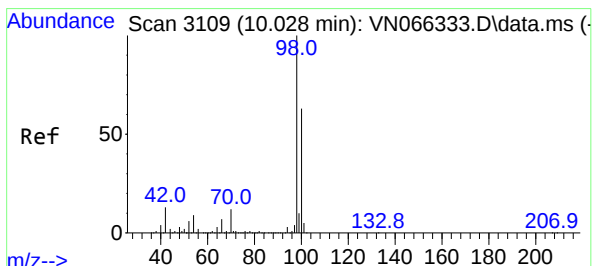
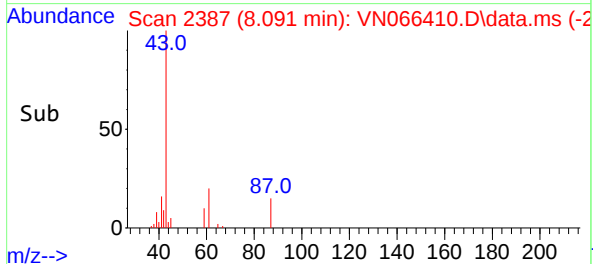
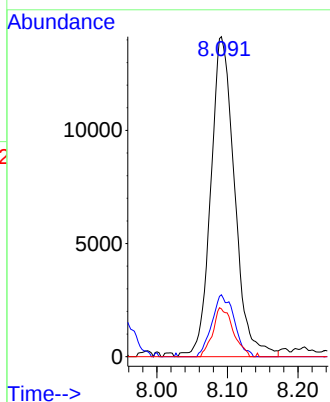
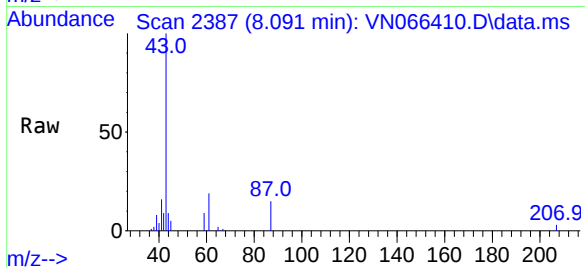


#43

Isopropyl Acetate
Concen: 2.97 ug/l
RT: 8.091 min Scan# 2387
Delta R.T. -0.003 min
Lab File: VN066410.D
Acq: 30 Mar 2021 5:05

Instrument :
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ClientSampleId :
PHC-326FB-003

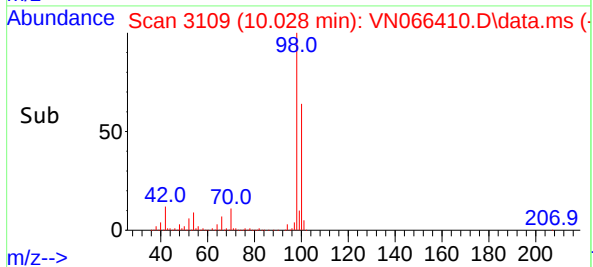
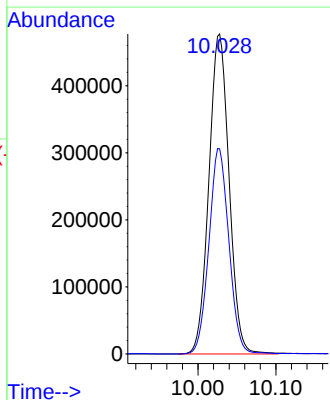
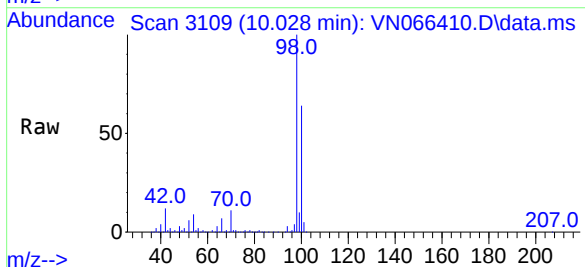
Tgt Ion:	43	Resp:	33163
Ion	Ratio	Lower	Upper
43	100		
61	18.2	15.5	23.3
87	13.0	10.5	15.7

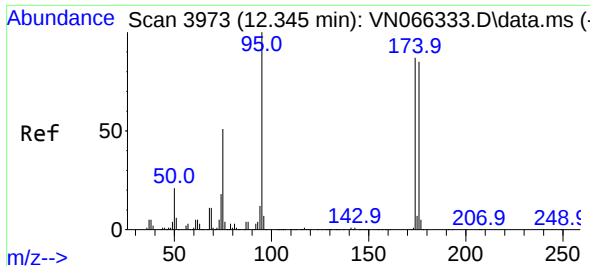


#50

Toluene-d8
Concen: 54.14 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066410.D
Acq: 30 Mar 2021 5:05

Tgt Ion:	98	Resp:	859349
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.5	75.7



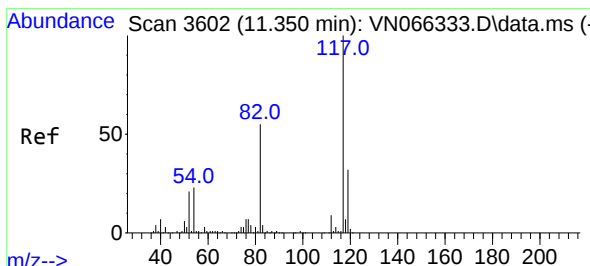
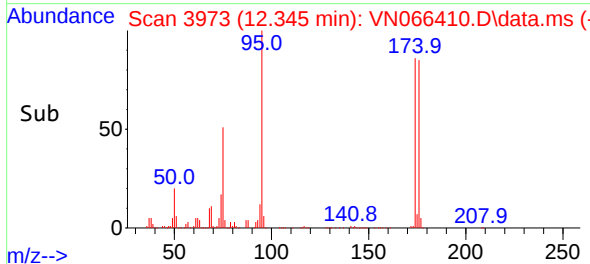
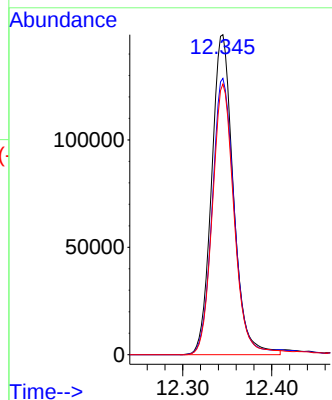
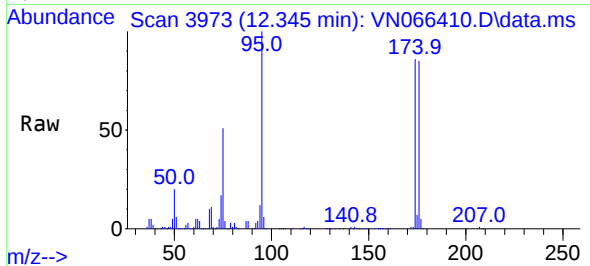


#62
4-Bromofluorobenzene
Concen: 46.04 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066410.D
Acq: 30 Mar 2021 5:05

Instrument :
MSVOA_N
ClientSampleId :
PHC-326FB-003

Tgt Ion: 95 Resp: 253859

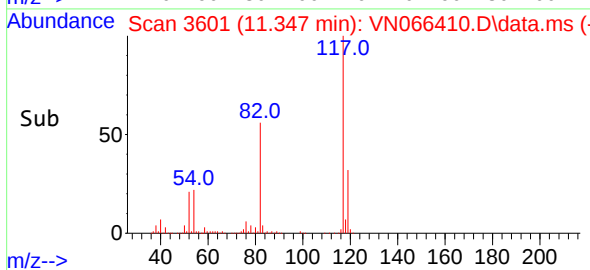
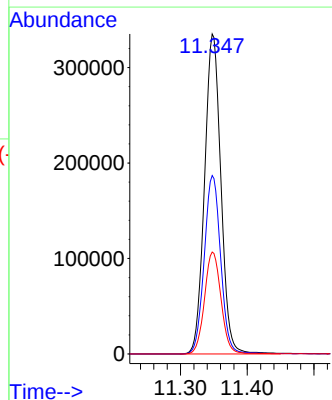
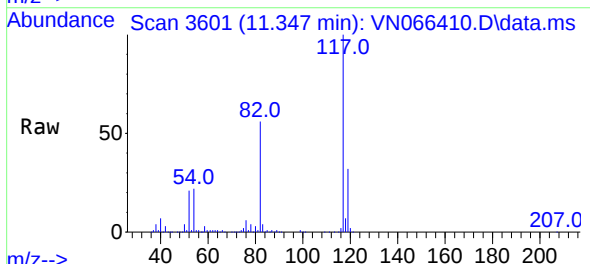
Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	172.2
176	85.5	0.0	167.8

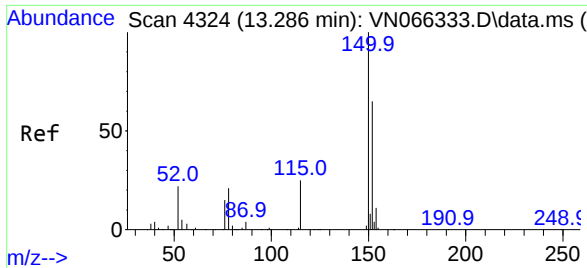


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066410.D
Acq: 30 Mar 2021 5:05

Tgt Ion: 117 Resp: 571402

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.2	66.4
119	31.8	25.8	38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.286 min Scan# 4324
 Delta R.T. 0.000 min
 Lab File: VN066410.D
 Acq: 30 Mar 2021 5:05

Instrument :
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 ClientSampleId :
 PHC-326FB-003

Tgt Ion:	152	Resp:	211979
Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.8	83.4
150	156.5	0.0	348.4

