

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066384.D
 Acq On : 29 Mar 2021 18:08
 Operator : JC/MD
 Sample : M1832-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IG004

Quant Time: Mar 30 01:39:09 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)

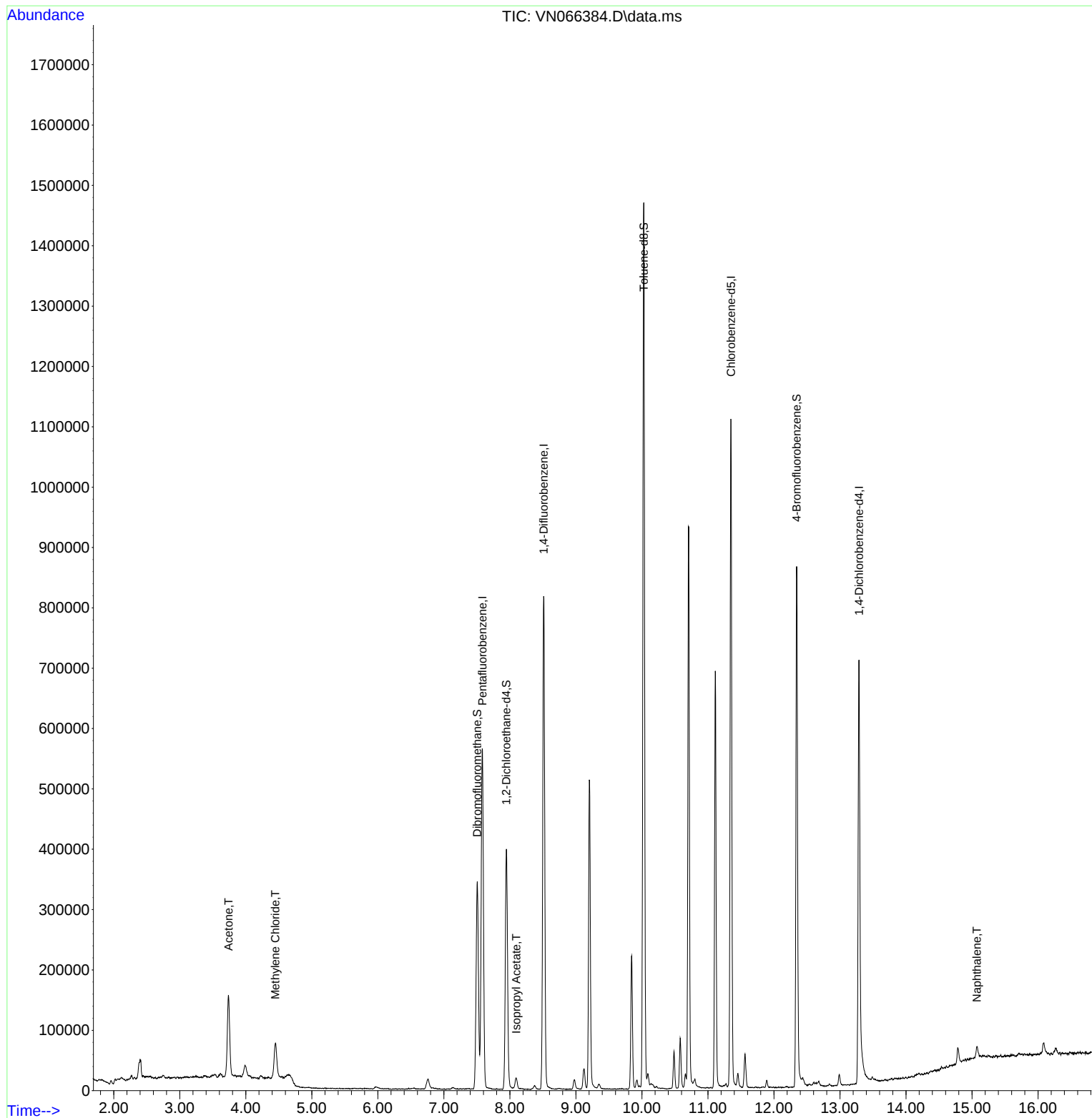
Internal Standards						
1) Pentafluorobenzene	7.585	168	488169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	723506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	631025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	237749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	327528	50.47	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.94%			
35) Dibromofluoromethane	7.507	113	258041	53.80	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.60%			
50) Toluene-d8	10.028	98	1002166	55.09	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.18%			
62) 4-Bromofluorobenzene	12.345	95	303133	47.97	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.94%			
Target Compounds					Qvalue	
16) Acetone	3.739	43	215733	61.53	ug/l	97
20) Methylene Chloride	4.447	84	40188	5.32	ug/l	98
43) Isopropyl Acetate	8.097	43	23095	1.81	ug/l #	93
95) Naphthalene	15.075	128	22162	2.67	ug/l #	94

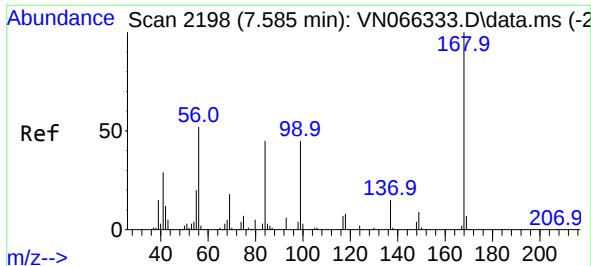
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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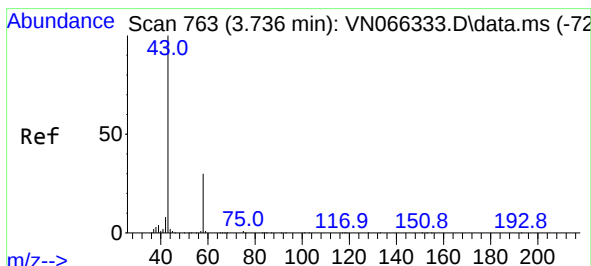
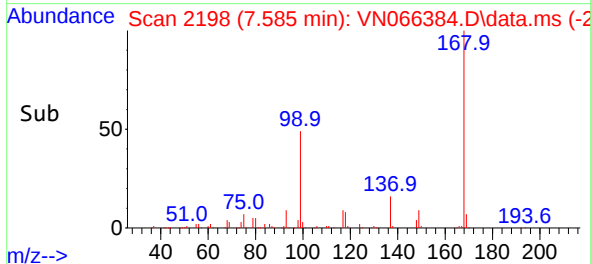
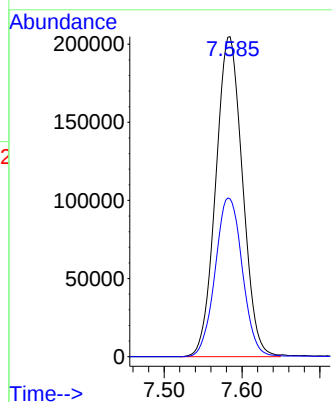
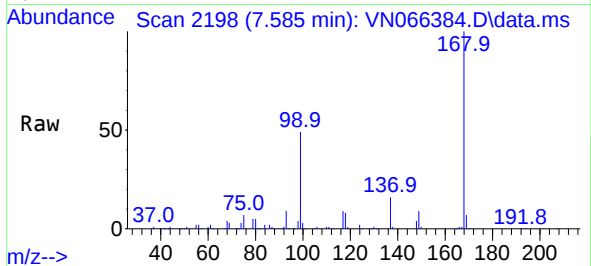




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VN066384.D
Acq: 29 Mar 2021 18:08

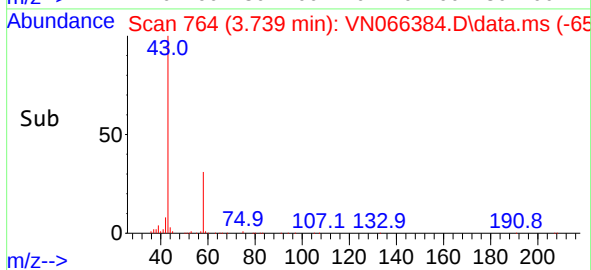
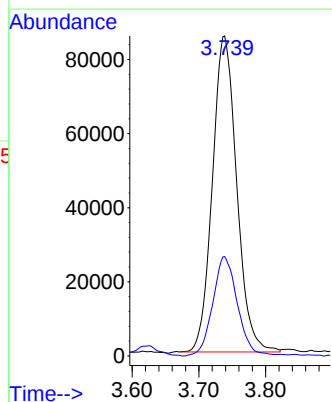
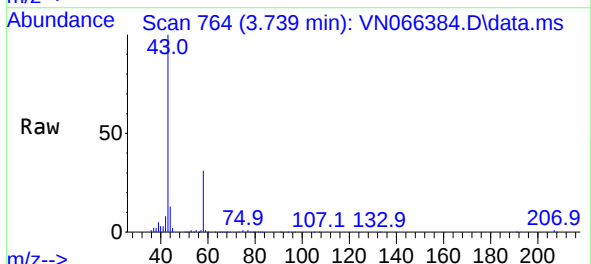
Instrument :
MSVOA_N
ClientSampled :
IG004

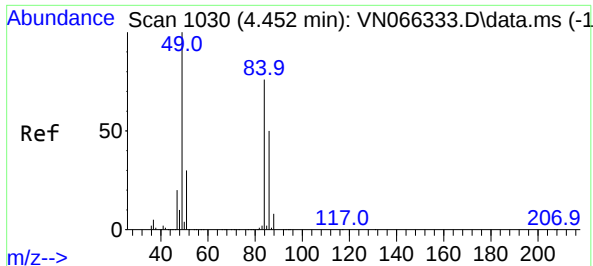
Tgt Ion:168 Resp: 488169
Ion Ratio Lower Upper
168 100
99 49.3 41.1 61.7



#16
Acetone
Concen: 61.53 ug/l
RT: 3.739 min Scan# 764
Delta R.T. 0.003 min
Lab File: VN066384.D
Acq: 29 Mar 2021 18:08

Tgt Ion: 43 Resp: 215733
Ion Ratio Lower Upper
43 100
58 31.3 23.8 35.8



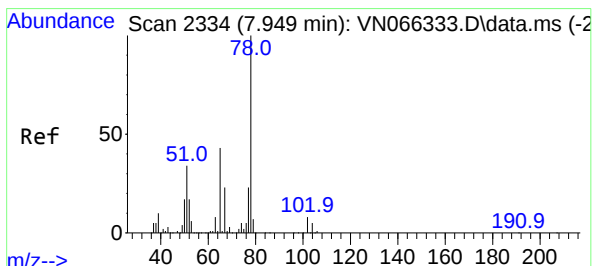
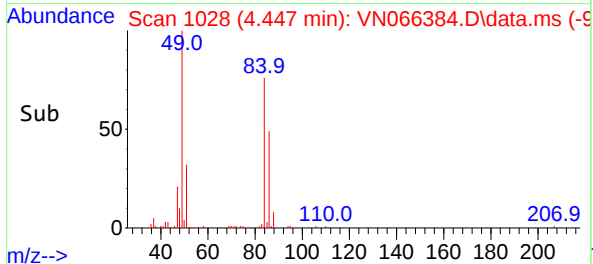
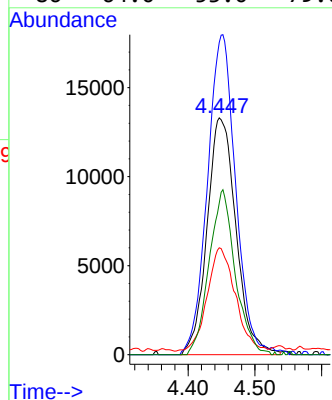
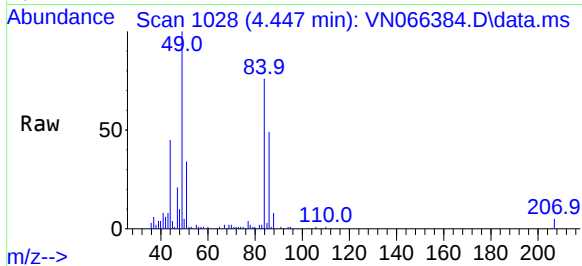


#20
Methylene Chloride
Concen: 5.32 ug/l
RT: 4.447 min Scan# 1028
Delta R.T. -0.005 min
Lab File: VN066384.D
Acq: 29 Mar 2021 18:08

Instrument :
MSVOA_N
ClientSampled :
IG004

Tgt Ion: 84 Resp: 40188

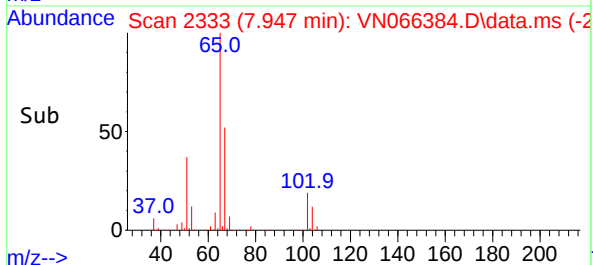
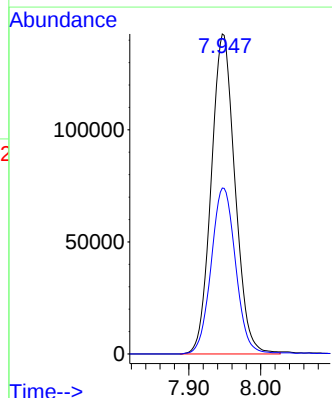
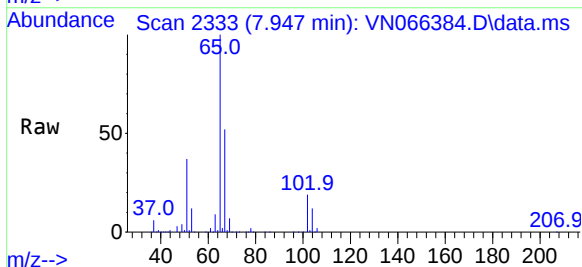
Ion	Ratio	Lower	Upper
84	100		
49	131.8	105.0	157.6
51	43.1	31.6	47.4
86	64.0	53.0	79.6

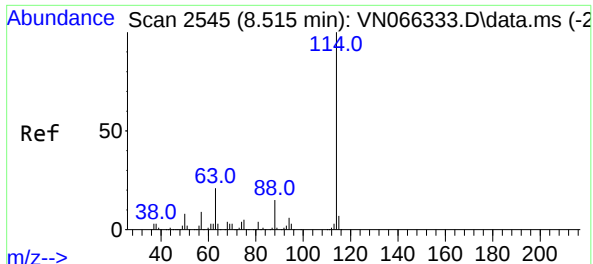


#33
1,2-Dichloroethane-d4
Concen: 50.47 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.002 min
Lab File: VN066384.D
Acq: 29 Mar 2021 18:08

Tgt Ion: 65 Resp: 327528

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.2

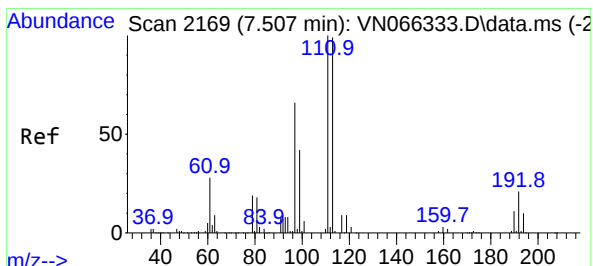
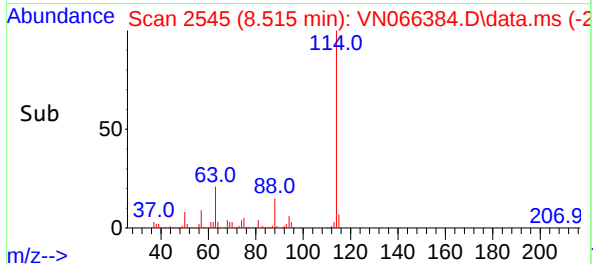
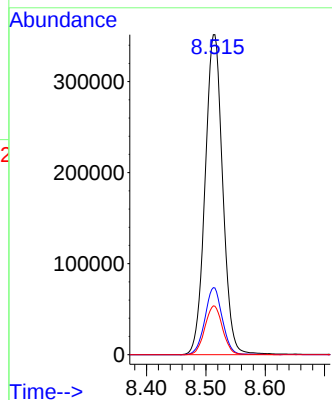
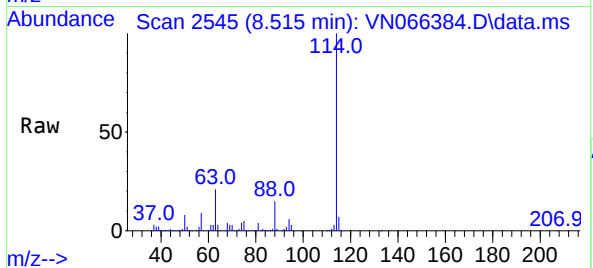




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066384.D
Acq: 29 Mar 2021 18:08

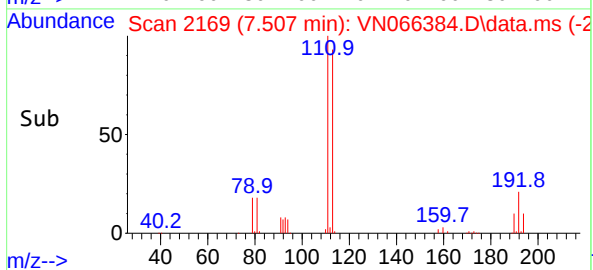
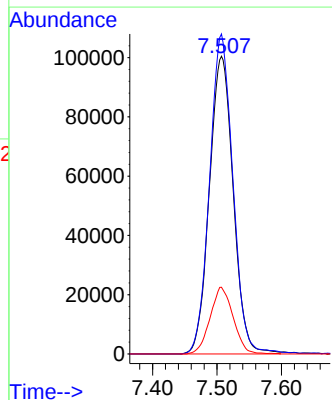
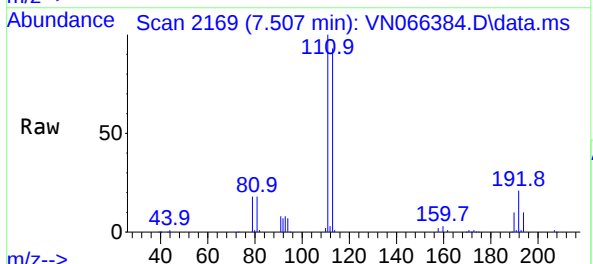
Instrument :
MSVOA_N
ClientSampled :
IG004

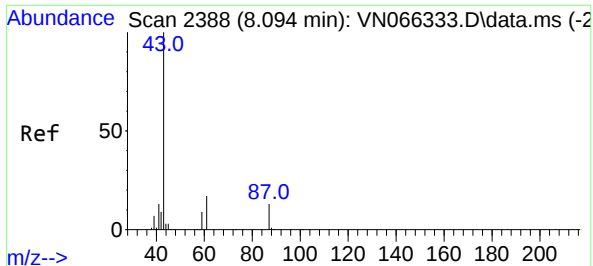
Tgt Ion:	114	Resp:	723506
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.0
88	15.2	0.0	31.0



#35
Dibromofluoromethane
Concen: 53.80 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066384.D
Acq: 29 Mar 2021 18:08

Tgt Ion:	113	Resp:	258041
Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.8	122.8
192	21.7	17.1	25.7

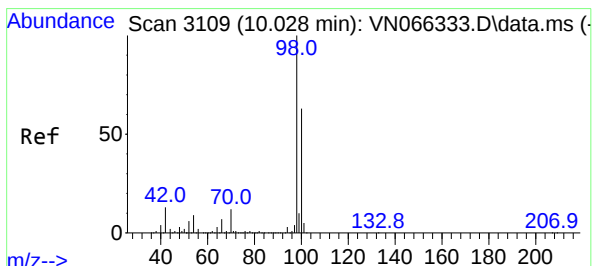
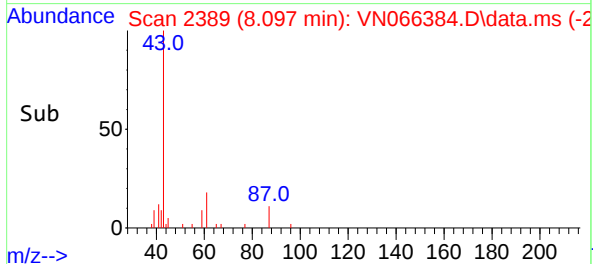
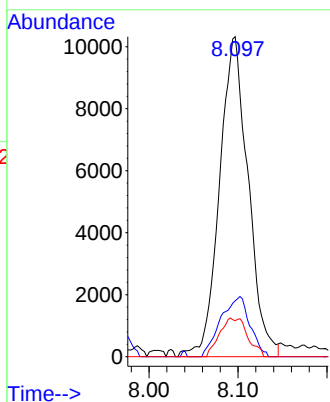
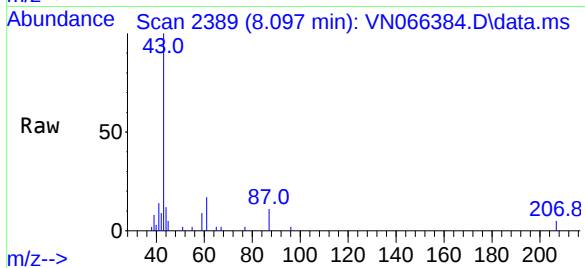




#43
Isopropyl Acetate
Concen: 1.81 ug/l
RT: 8.097 min Scan# 2389
Delta R.T. 0.003 min
Lab File: VN066384.D
Acq: 29 Mar 2021 18:08

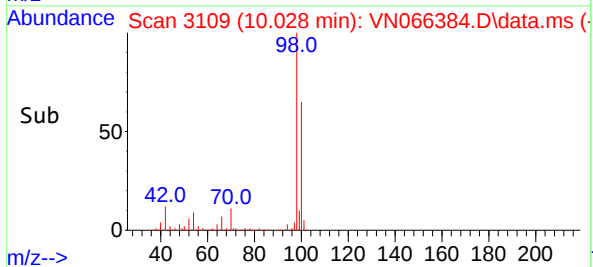
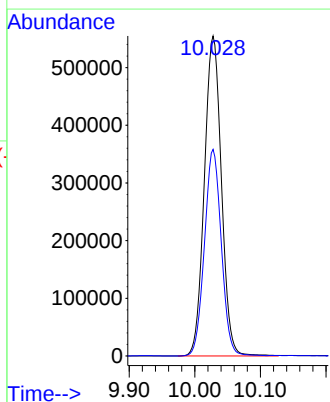
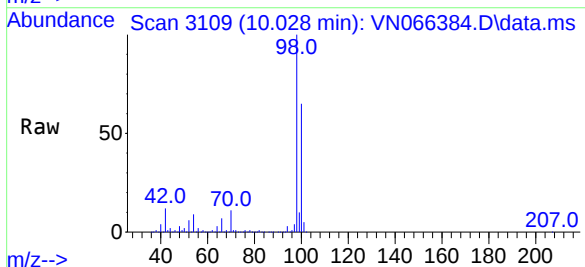
Instrument :
MSVOA_N
ClientSampleId :
IG004

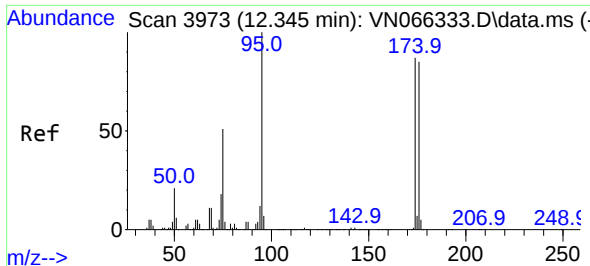
Tgt Ion:	43	Resp:	23095
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.5	23.3
87	6.8	10.5	15.7#



#50
Toluene-d8
Concen: 55.09 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066384.D
Acq: 29 Mar 2021 18:08

Tgt Ion:	98	Resp:	1002166
Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.5	75.7



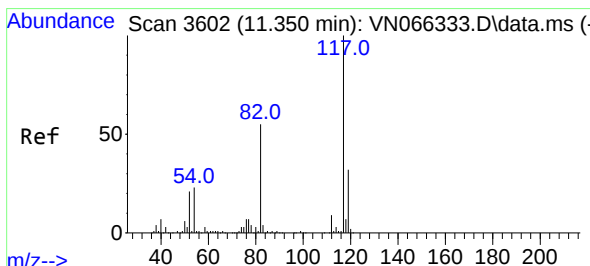
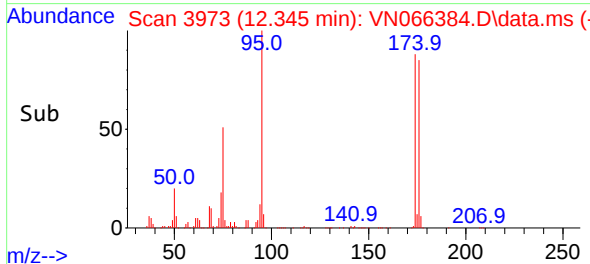
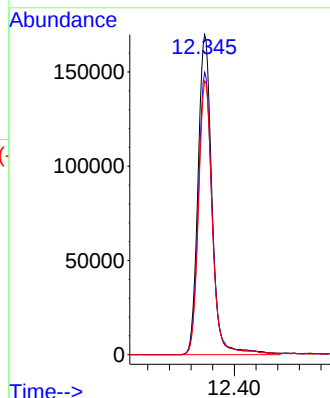
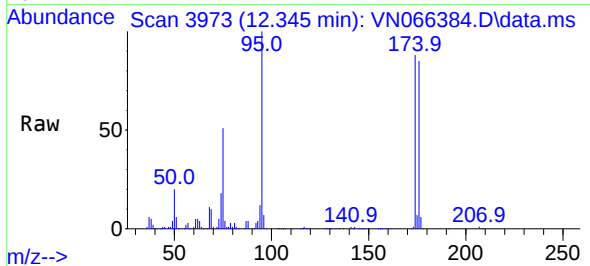


#62
4-Bromofluorobenzene
Concen: 47.97 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066384.D
Acq: 29 Mar 2021 18:08

Instrument :
MSVOA_N
ClientSampled :
IG004

Tgt Ion: 95 Resp: 303133

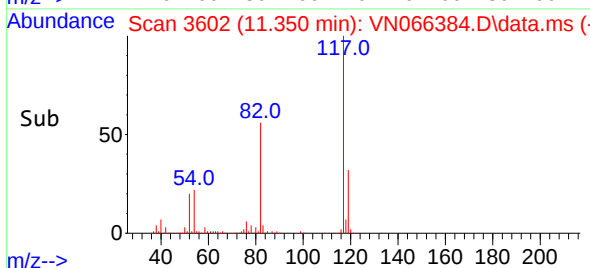
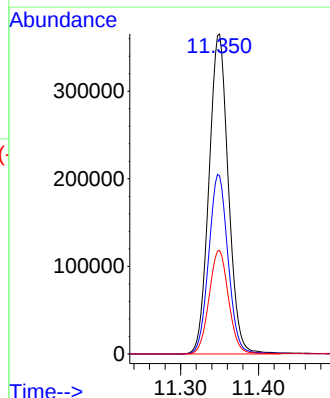
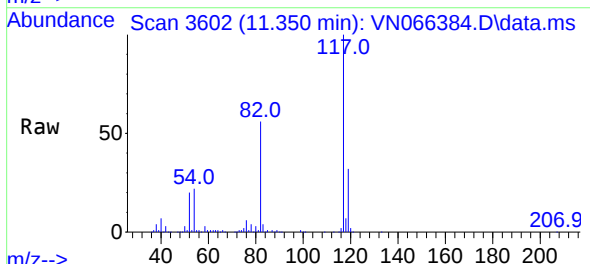
Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	172.2
176	83.4	0.0	167.8

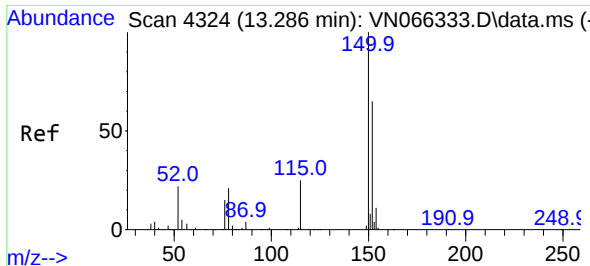


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.000 min
Lab File: VN066384.D
Acq: 29 Mar 2021 18:08

Tgt Ion: 117 Resp: 631025

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.2	66.4
119	32.4	25.8	38.6

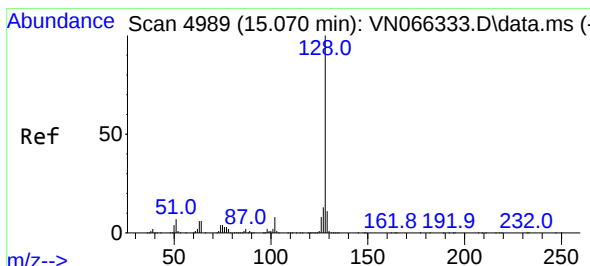
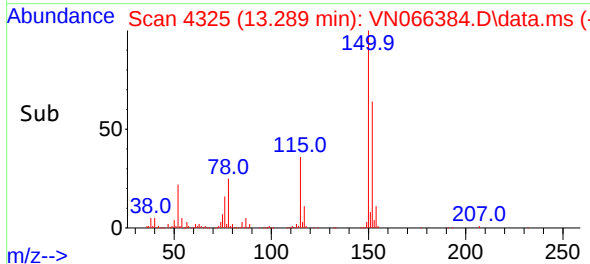
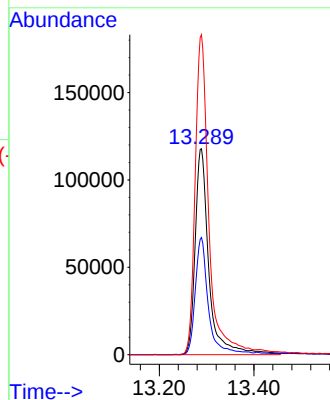
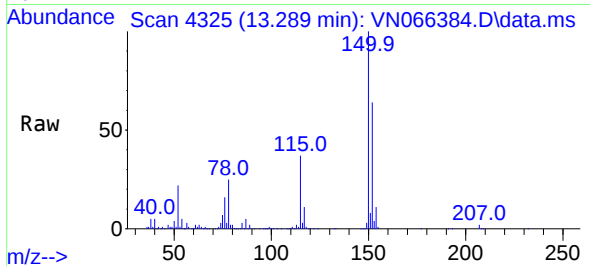




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066384.D
Acq: 29 Mar 2021 18:08

Instrument :
MSVOA_N
ClientSampled :
IG004

Tgt Ion:152 Resp: 237749
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.4
150 153.2 0.0 348.4



#95
Naphthalene
Concen: 2.67 ug/l
RT: 15.075 min Scan# 4991
Delta R.T. 0.005 min
Lab File: VN066384.D
Acq: 29 Mar 2021 18:08

Tgt Ion:128 Resp: 22162
Ion Ratio Lower Upper
128 100
127 10.1 10.5 15.7#
129 12.2 8.5 12.7

