

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081821\
 Data File : VN068200.D
 Acq On : 18 Aug 2021 18:04
 Operator : JC/MD
 Sample : M3449-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP4

Quant Time: Aug 19 03:07:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

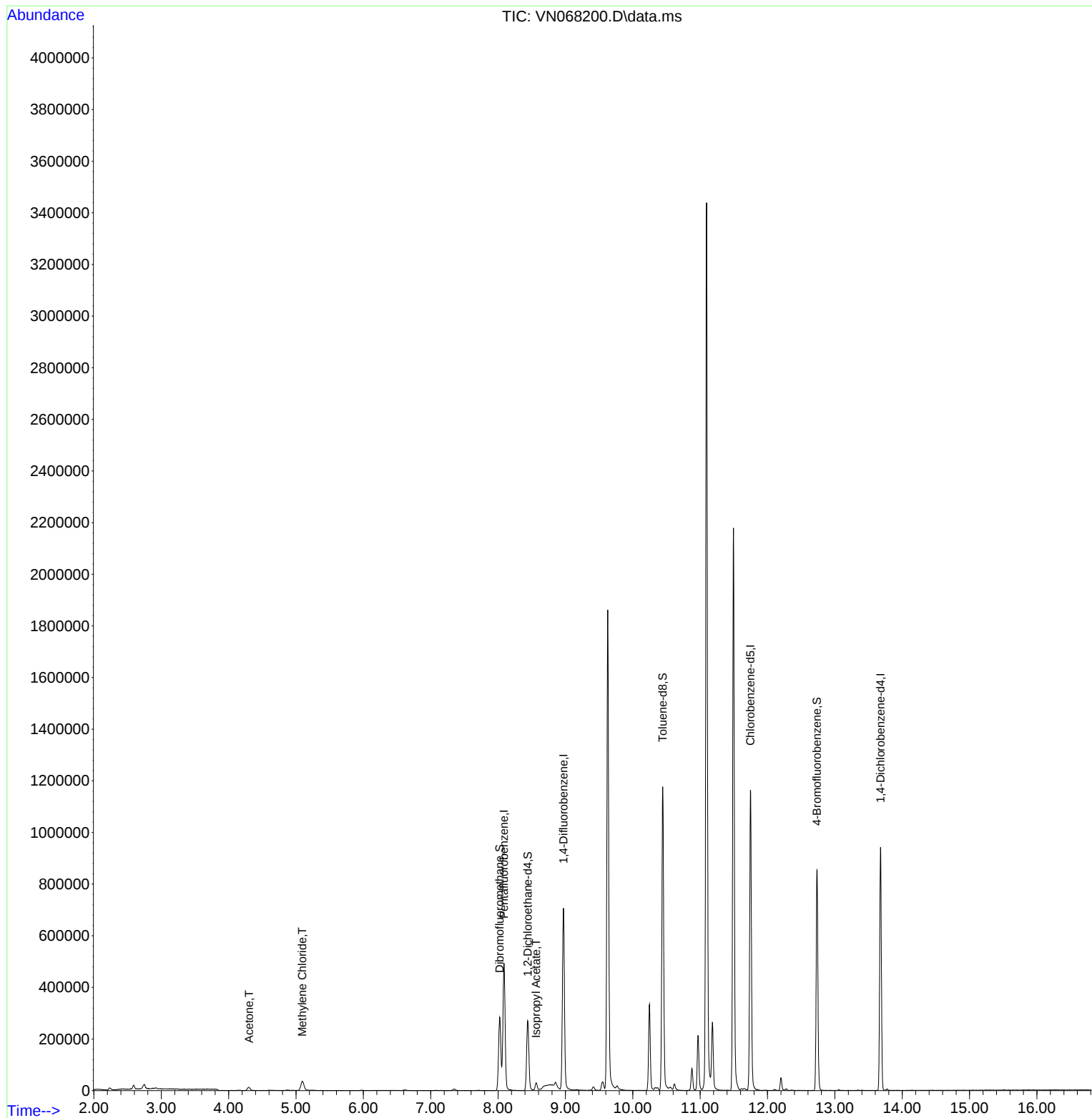
Internal Standards						
1) Pentafluorobenzene	8.088	168	401457	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	684173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	749934	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	282015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	231016	53.894	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 107.780%		
35) Dibromofluoromethane	8.024	113	211378	49.210	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 98.420%		
50) Toluene-d8	10.443	98	867921	53.029	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 106.060%		
62) 4-Bromofluorobenzene	12.734	95	287991	52.857	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 105.720%		
Target Compounds						
						Qvalue
16) Acetone	4.301	43	23124	18.477	ug/l	# 89
20) Methylene Chloride	5.093	84	31879	7.395	ug/l	# 80
43) Isopropyl Acetate	8.566	43	32845	4.303	ug/l	# 91

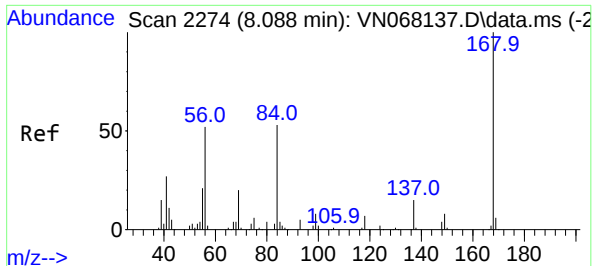
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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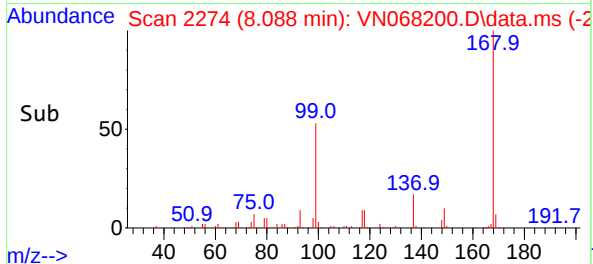
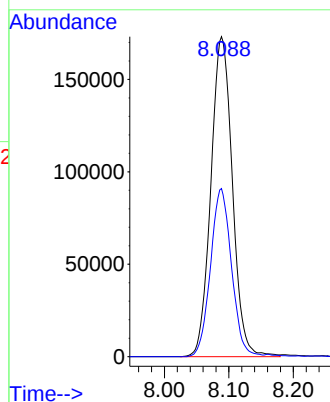
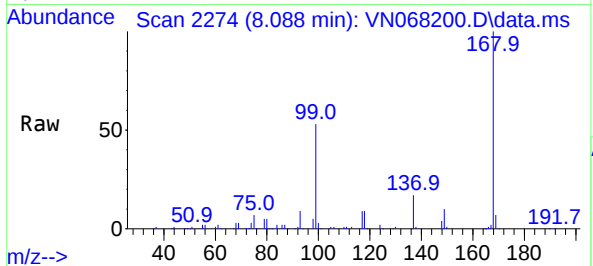




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068200.D
Acq: 18 Aug 2021 18:04

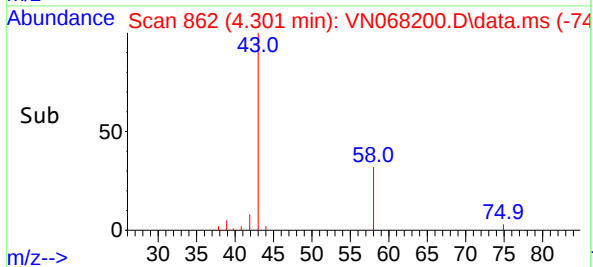
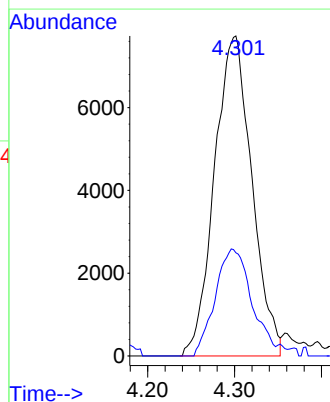
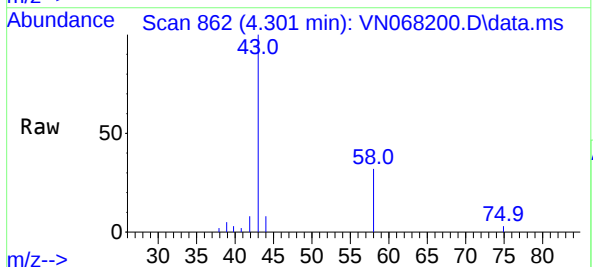
Instrument :
MSVOA_N
ClientSampled :
TP4

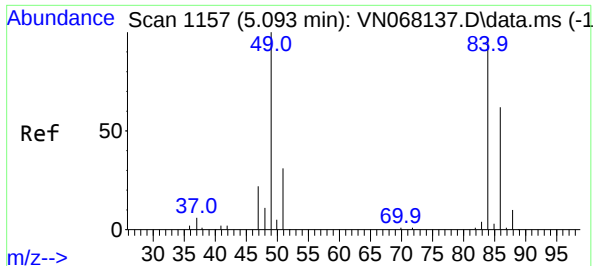
Tgt Ion:168 Resp: 401457
Ion Ratio Lower Upper
168 100
99 52.6 62.9 94.3#



#16
Acetone
Concen: 18.477 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.013 min
Lab File: VN068200.D
Acq: 18 Aug 2021 18:04

Tgt Ion: 43 Resp: 23124
Ion Ratio Lower Upper
43 100
58 32.3 21.2 31.8#



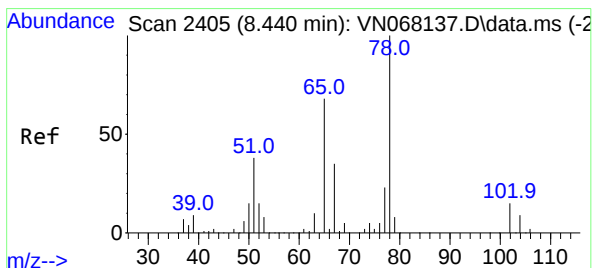
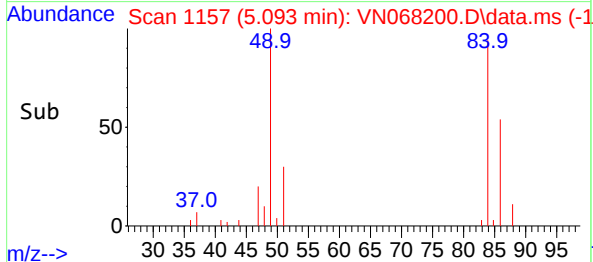
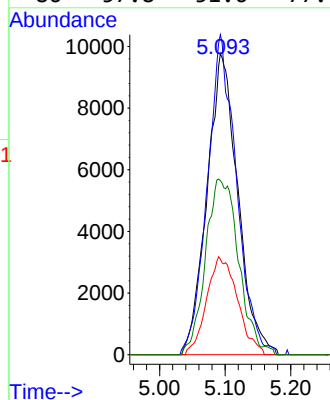
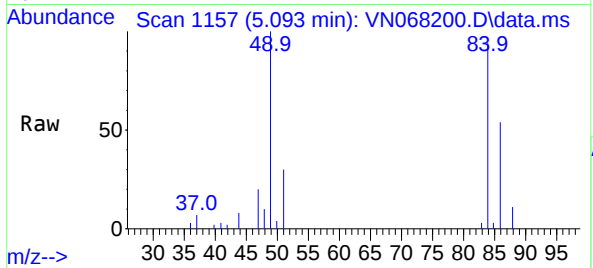


#20
Methylene Chloride
Concen: 7.395 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN068200.D
Acq: 18 Aug 2021 18:04

Instrument :
MSVOA_N
ClientSampled :
TP4

Tgt Ion: 84 Resp: 31879

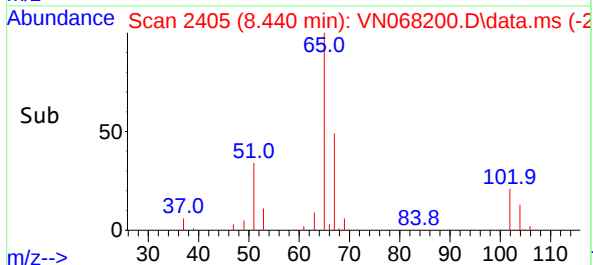
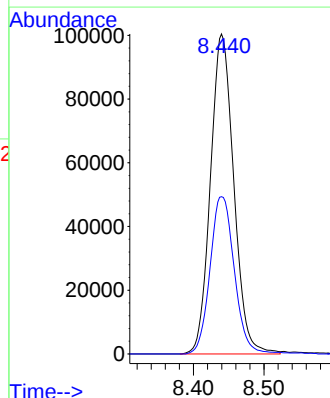
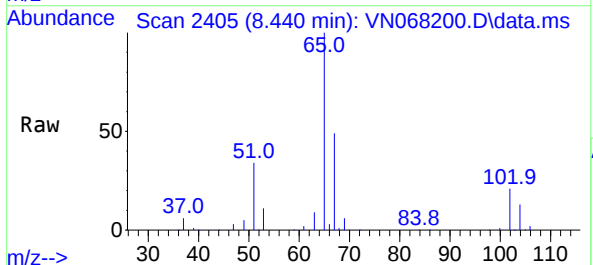
Ion	Ratio	Lower	Upper
84	100		
49	106.3	110.9	166.3#
51	31.8	32.6	49.0#
86	57.8	51.6	77.4

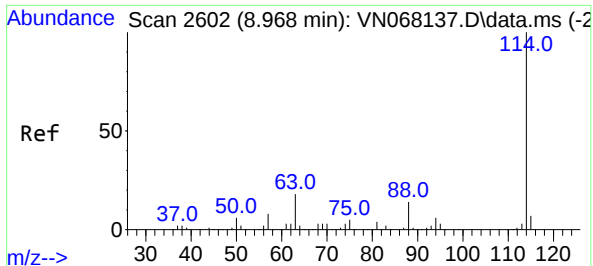


#33
1,2-Dichloroethane-d4
Concen: 53.894 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068200.D
Acq: 18 Aug 2021 18:04

Tgt Ion: 65 Resp: 231016

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	98.6

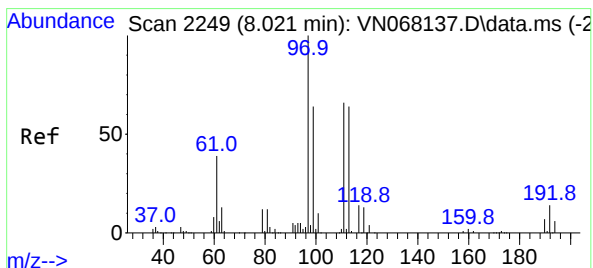
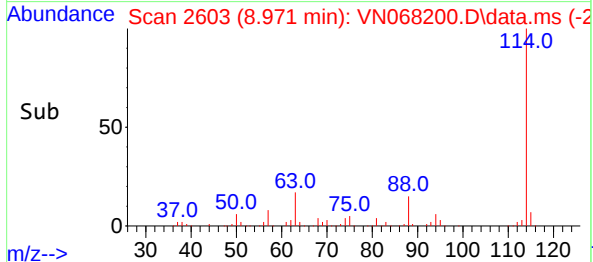
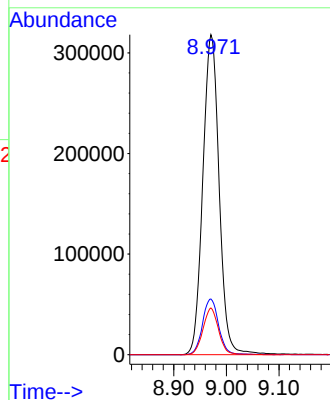
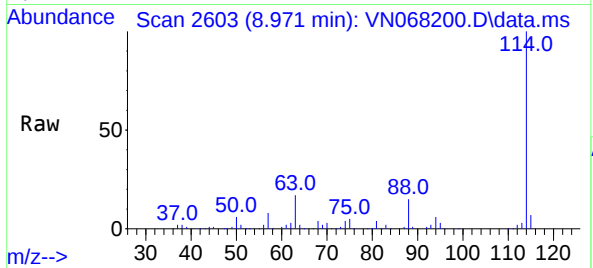




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068200.D
Acq: 18 Aug 2021 18:04

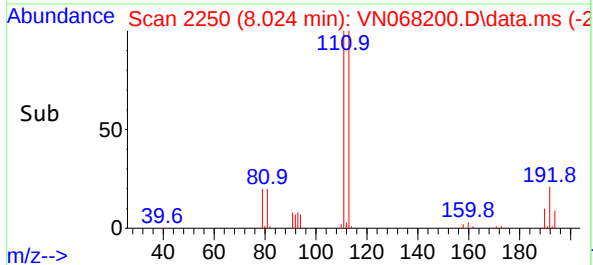
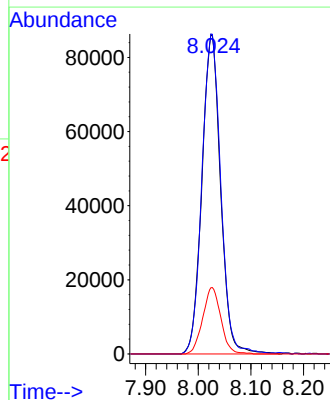
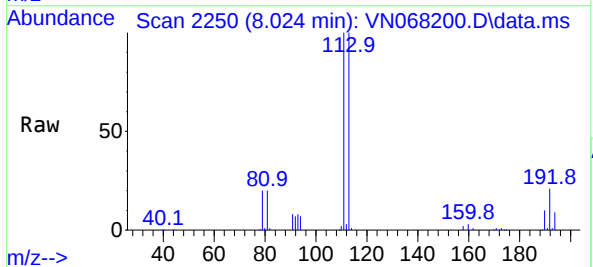
Instrument :
MSVOA_N
ClientSampled :
TP4

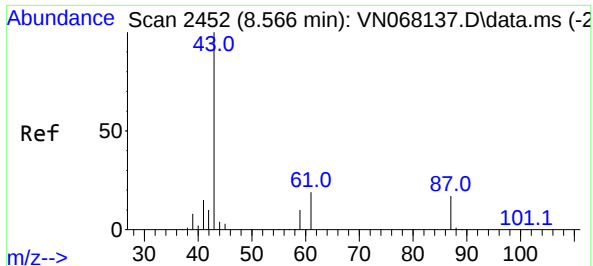
Tgt Ion:114 Resp: 684173
Ion Ratio Lower Upper
114 100
63 17.4 0.0 49.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.210 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068200.D
Acq: 18 Aug 2021 18:04

Tgt Ion:113 Resp: 211378
Ion Ratio Lower Upper
113 100
111 101.2 83.8 125.8
192 20.2 13.4 20.0#

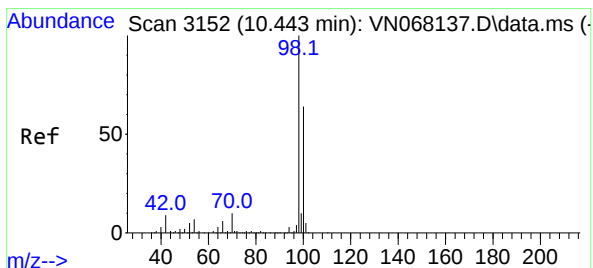
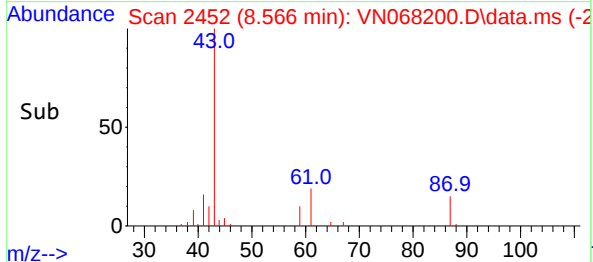
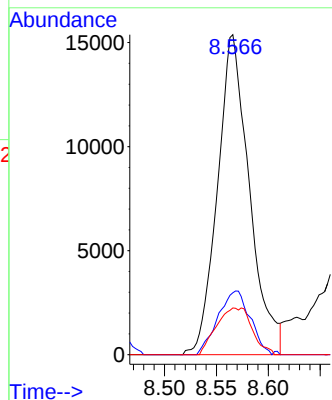
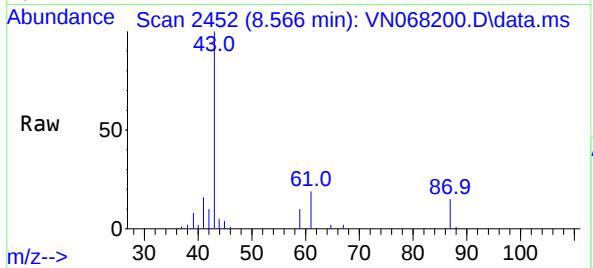




#43
Isopropyl Acetate
Concen: 4.303 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.000 min
Lab File: VN068200.D
Acq: 18 Aug 2021 18:04

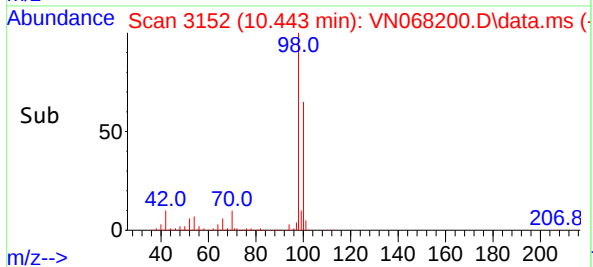
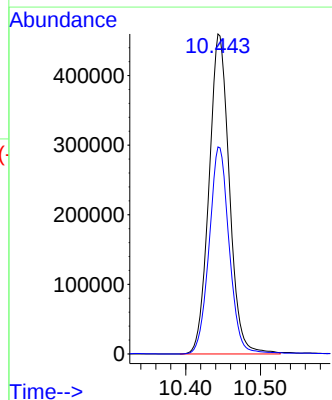
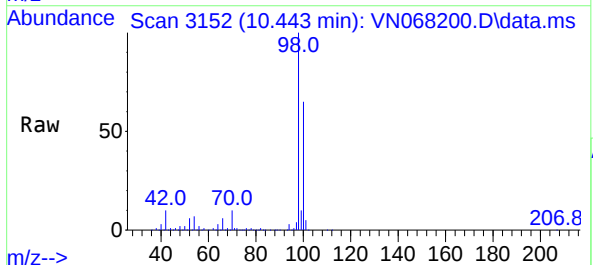
Instrument :
MSVOA_N
ClientSampled :
TP4

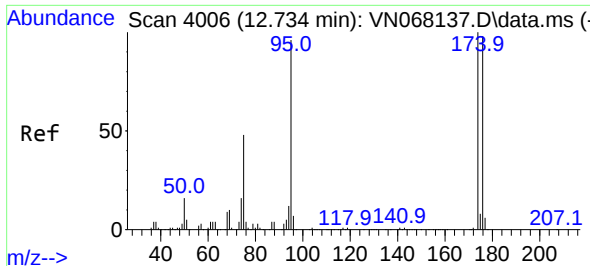
Tgt Ion: 43 Resp: 32845
Ion Ratio Lower Upper
43 100
61 20.2 19.0 28.4
87 16.3 9.5 14.3#



#50
Toluene-d8
Concen: 53.029 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068200.D
Acq: 18 Aug 2021 18:04

Tgt Ion: 98 Resp: 867921
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5

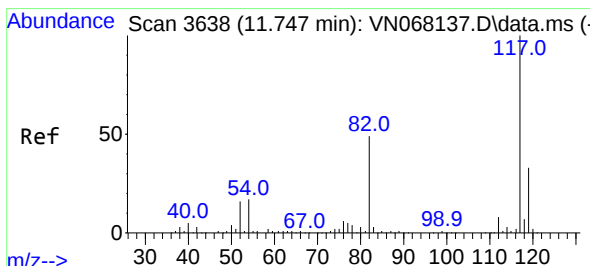
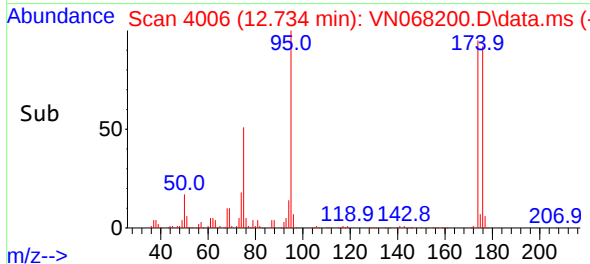
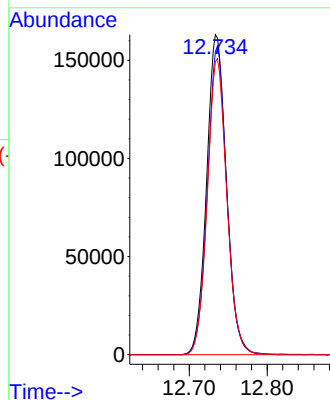
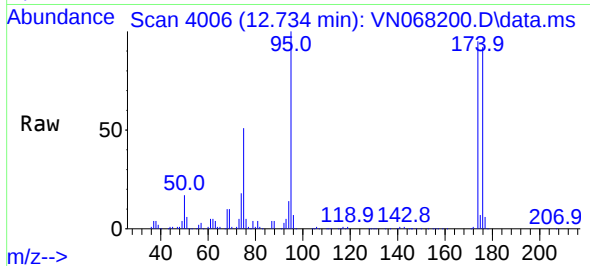




#62
4-Bromofluorobenzene
Concen: 52.857 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068200.D
Acq: 18 Aug 2021 18:04

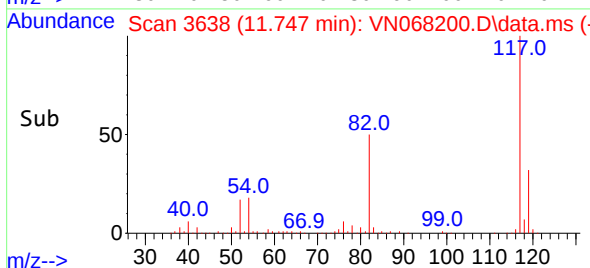
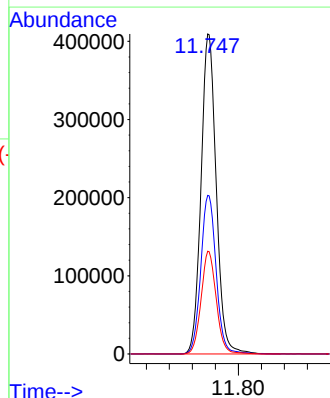
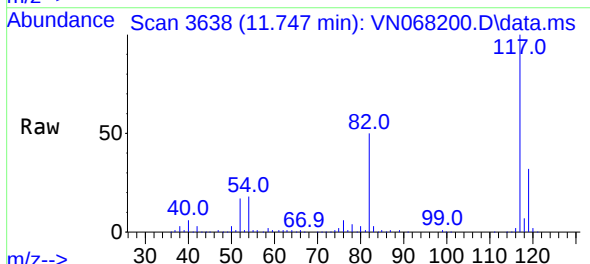
Instrument :
MSVOA_N
ClientSampled :
TP4

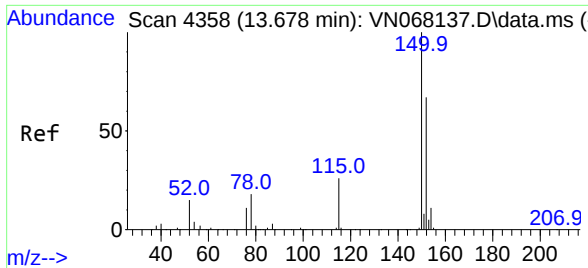
Tgt Ion: 95 Resp: 287991
Ion Ratio Lower Upper
95 100
174 94.8 0.0 122.0
176 91.2 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068200.D
Acq: 18 Aug 2021 18:04

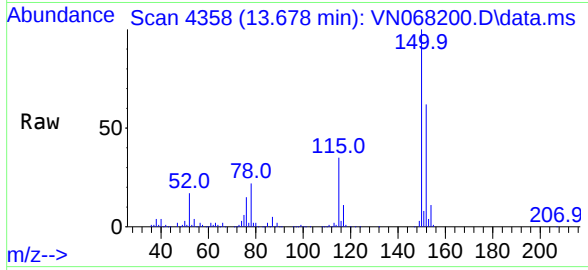
Tgt Ion: 117 Resp: 749934
Ion Ratio Lower Upper
117 100
82 49.6 53.1 79.7#
119 32.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. -0.000 min
 Lab File: VN068200.D
 Acq: 18 Aug 2021 18:04

Instrument :
 MSVOA_N
 ClientSampled :
 TP4



Tgt Ion:152 Resp: 282015

Ion	Ratio	Lower	Upper
152	100		
115	54.6	36.1	108.5
150	158.1	0.0	351.8

