

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081921\
 Data File : VN068226.D
 Acq On : 19 Aug 2021 19:08
 Operator : JC/MD
 Sample : PB138556ZHE#05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138556ZHE#05

Quant Time: Aug 20 01:55:54 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)

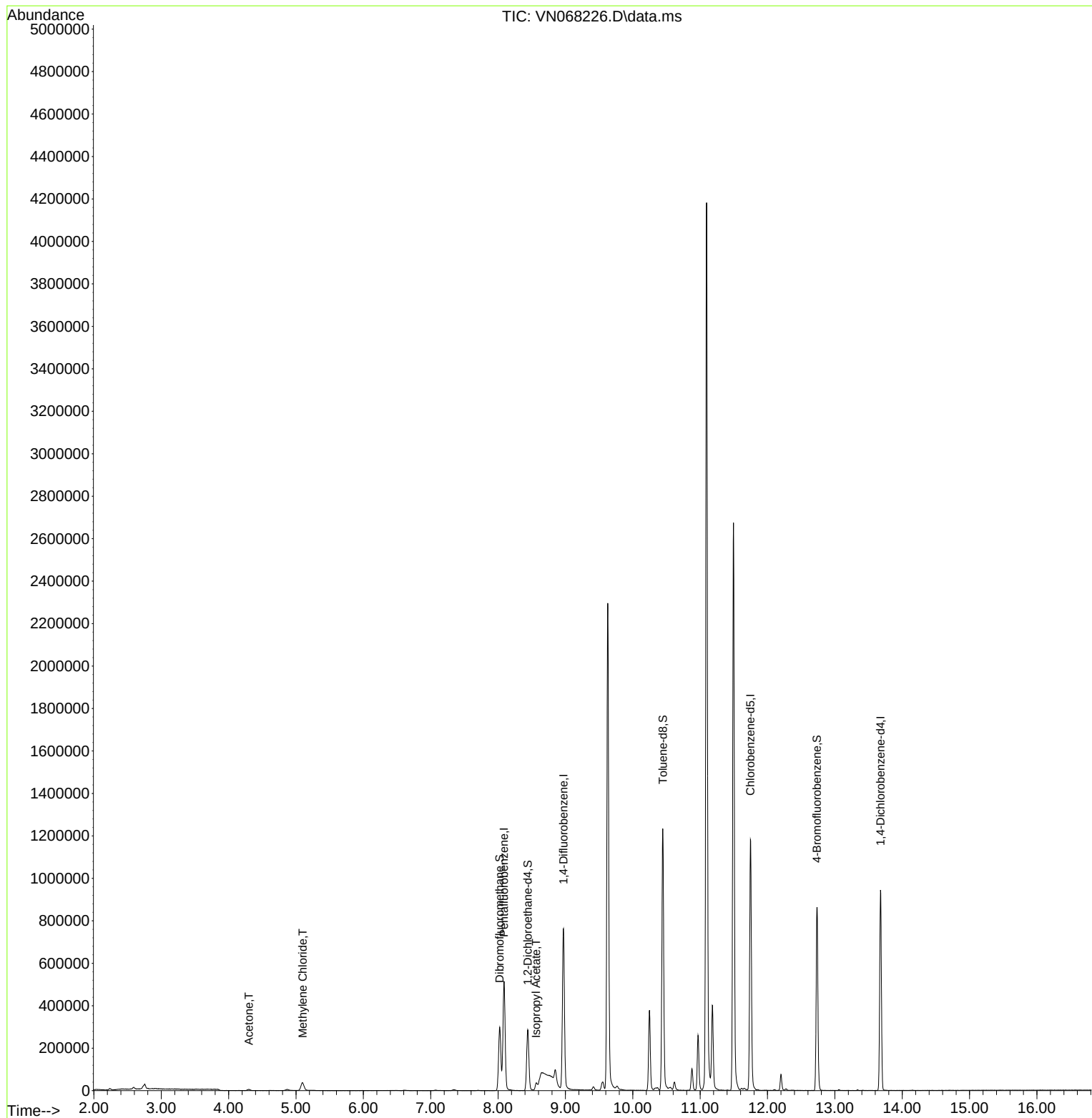
Internal Standards						
1) Pentafluorobenzene	8.088	168	421104	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	732796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	785160	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	290070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	242366	53.904	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 107.800%		
35) Dibromofluoromethane	8.024	113	220484	47.924	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 95.840%		
50) Toluene-d8	10.446	98	910882	51.961	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 103.920%		
62) 4-Bromofluorobenzene	12.733	95	291389	49.932	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 99.860%		
Target Compounds						Qvalue
16) Acetone	4.299	43	10281	7.832	ug/l	95
20) Methylene Chloride	5.098	84	31857	6.940	ug/l #	78
43) Isopropyl Acetate	8.566	43	41249	5.046	ug/l #	91

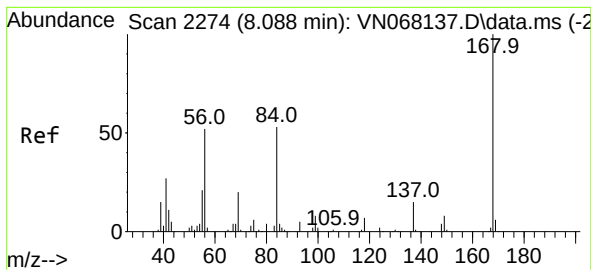
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN068226.D

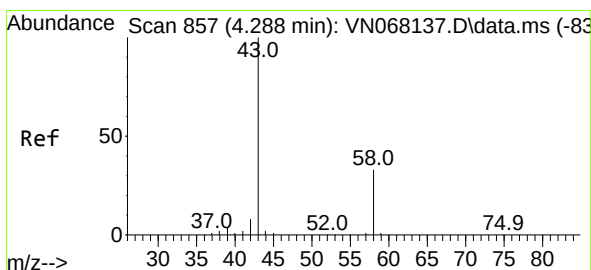
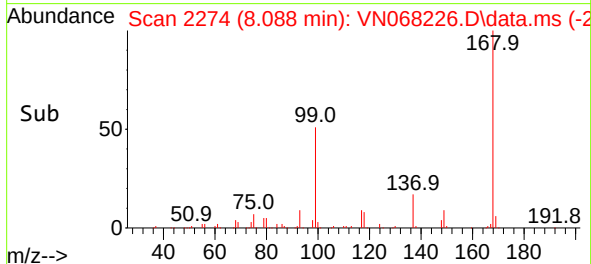
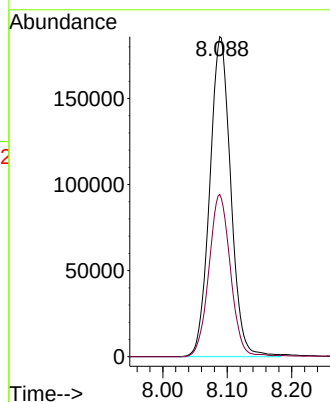
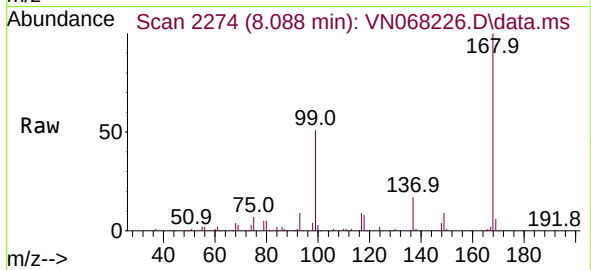
Acq: 19 Aug 2021 19:08

Tgt Ion:168 Resp: 421104

Ion Ratio Lower Upper

168 100

99 50.7 62.9 94.3#



#16

Acetone

Concen: 7.832 ug/l

RT: 4.299 min Scan# 861

Delta R.T. 0.011 min

Lab File: VN068226.D

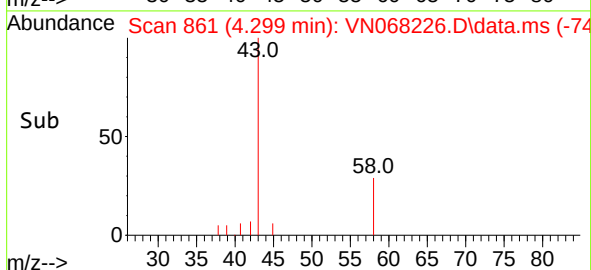
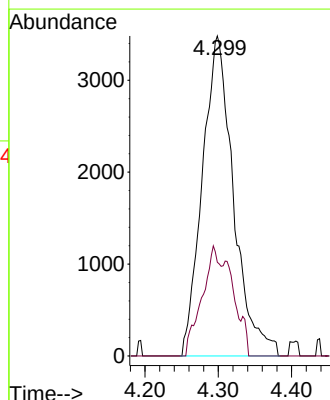
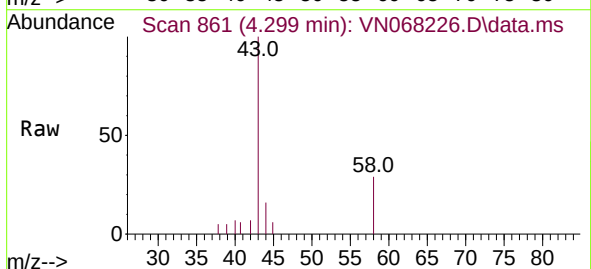
Acq: 19 Aug 2021 19:08

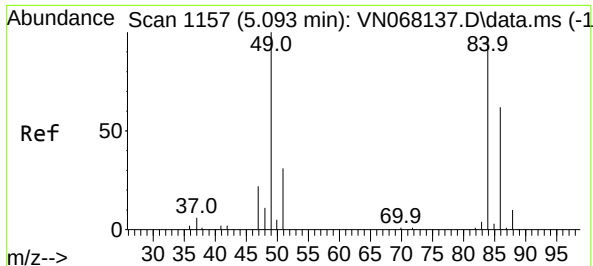
Tgt Ion: 43 Resp: 10281

Ion Ratio Lower Upper

43 100

58 29.3 21.2 31.8

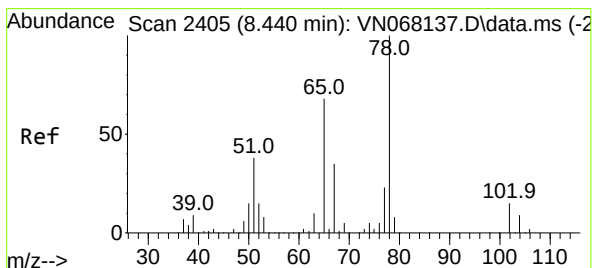
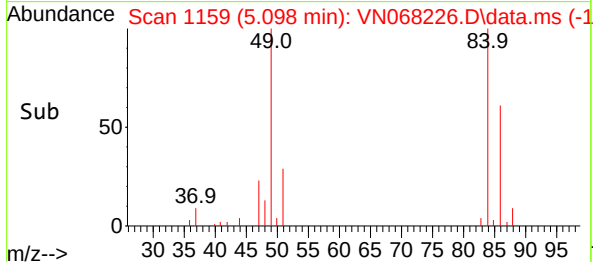
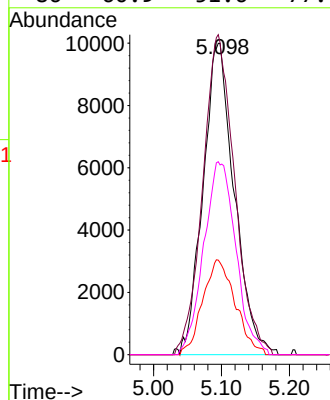
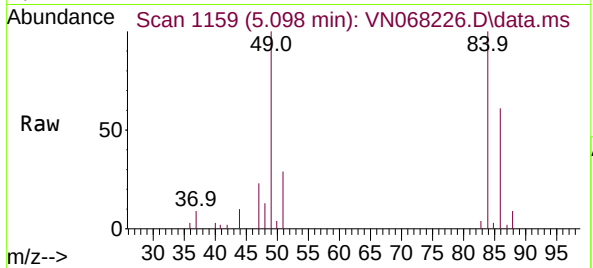




#20
Methylene Chloride
Concen: 6.940 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN068226.D
Acq: 19 Aug 2021 19:08

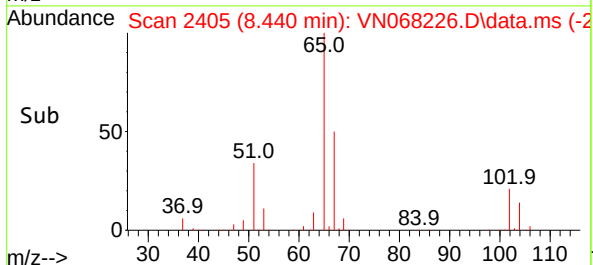
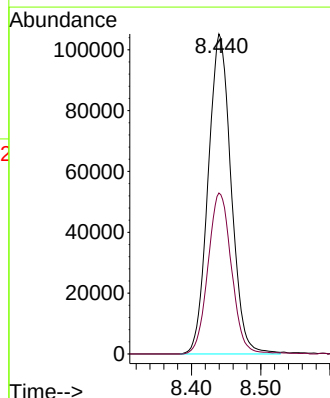
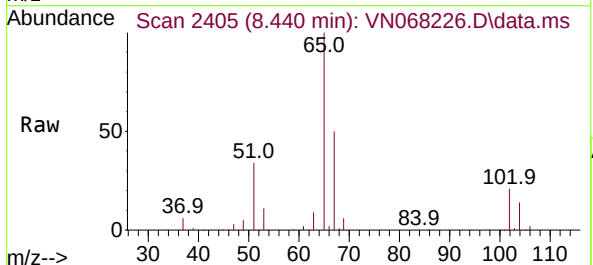
Instrument :
MSVOA_N
ClientSampleId :
PB138556ZHE#05

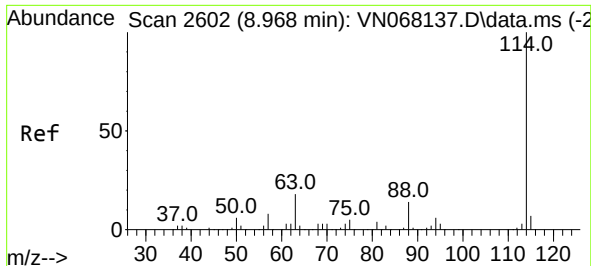
Tgt Ion:	84	Resp:	31857
Ion	Ratio	Lower	Upper
84	100		
49	100.2	110.9	166.3#
51	29.5	32.6	49.0#
86	60.9	51.6	77.4



#33
1,2-Dichloroethane-d4
Concen: 53.904 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068226.D
Acq: 19 Aug 2021 19:08

Tgt Ion:	65	Resp:	242366
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	98.6

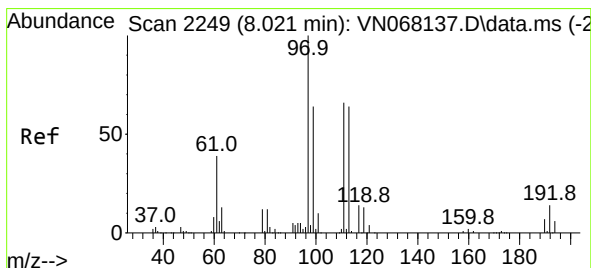
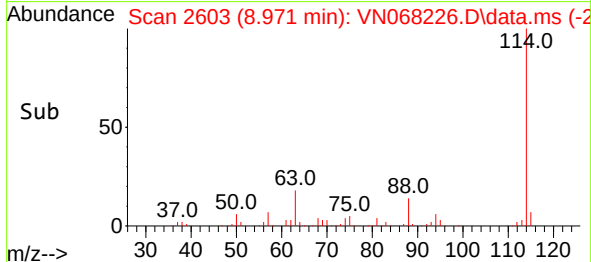
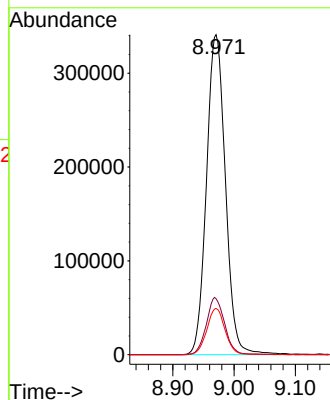
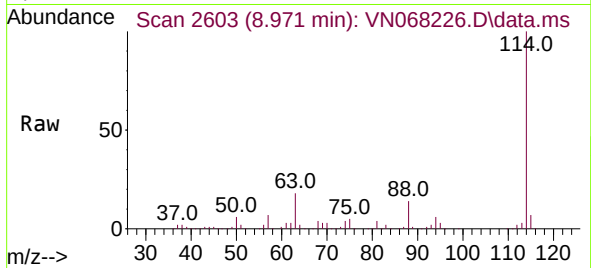




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068226.D
Acq: 19 Aug 2021 19:08

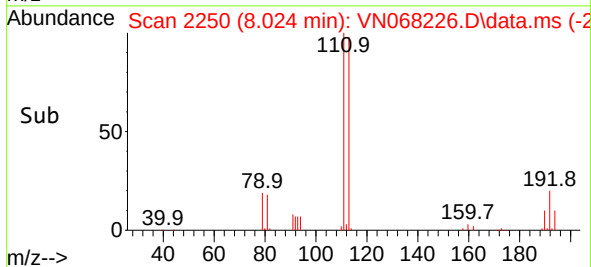
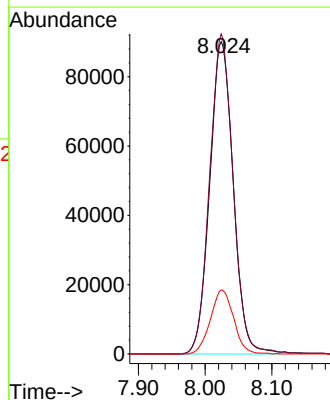
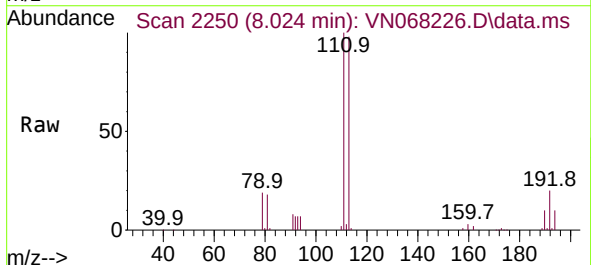
Instrument :
MSVOA_N
ClientSampleId :
PB138556ZHE#05

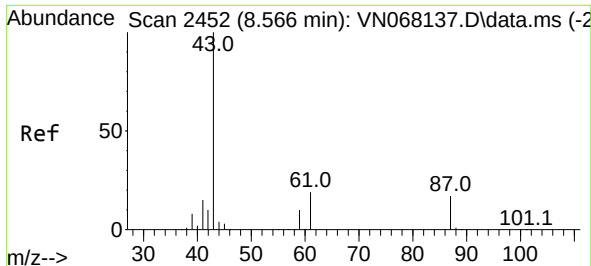
Tgt Ion:114 Resp: 732796
Ion Ratio Lower Upper
114 100
63 17.5 0.0 49.0
88 14.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.924 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068226.D
Acq: 19 Aug 2021 19:08

Tgt Ion:113 Resp: 220484
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.8
192 20.3 13.4 20.0#

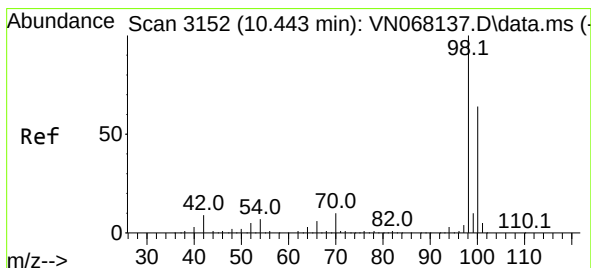
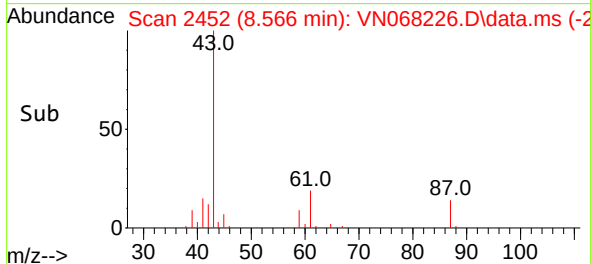
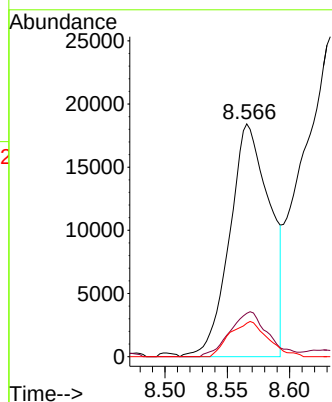
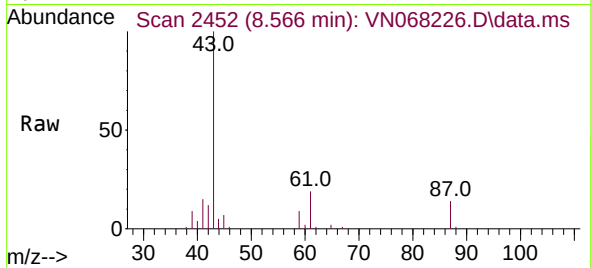




#43
Isopropyl Acetate
Concen: 5.046 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.000 min
Lab File: VN068226.D
Acq: 19 Aug 2021 19:08

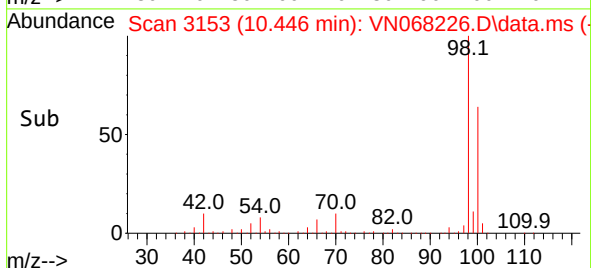
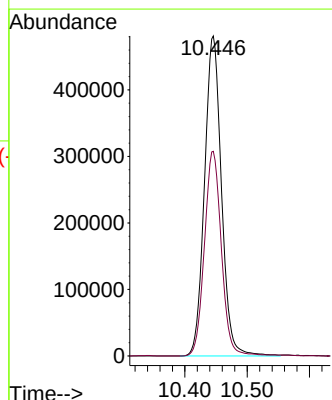
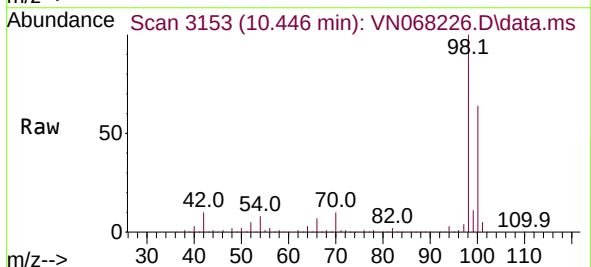
Instrument :
MSVOA_N
ClientSampleId :
PB138556ZHE#05

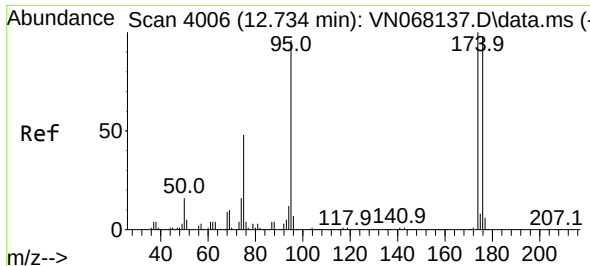
Tgt Ion: 43 Resp: 41249
Ion Ratio Lower Upper
43 100
61 18.3 19.0 28.4#
87 14.3 9.5 14.3#



#50
Toluene-d8
Concen: 51.961 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068226.D
Acq: 19 Aug 2021 19:08

Tgt Ion: 98 Resp: 910882
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5

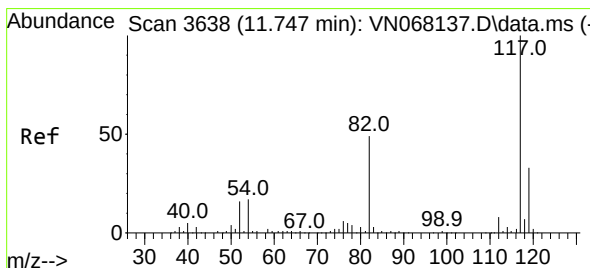
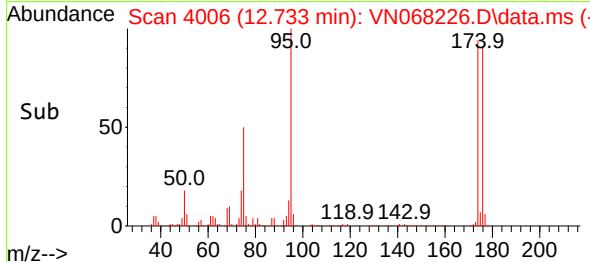
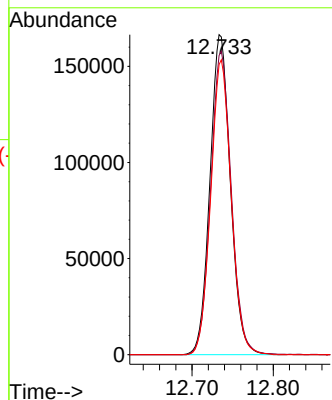
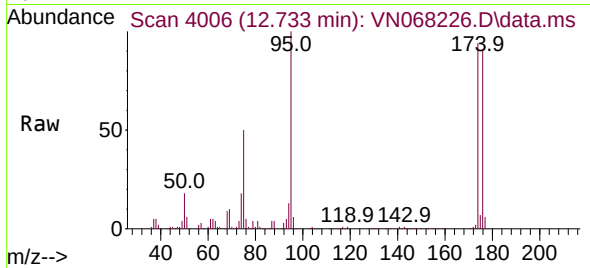




#62
4-Bromofluorobenzene
Concen: 49.932 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068226.D
Acq: 19 Aug 2021 19:08

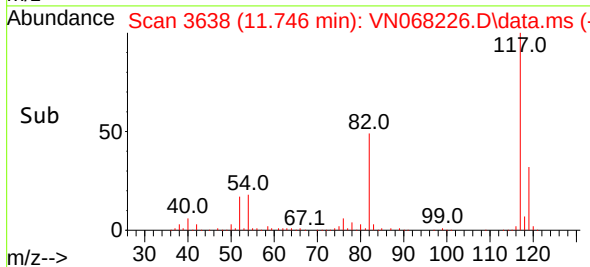
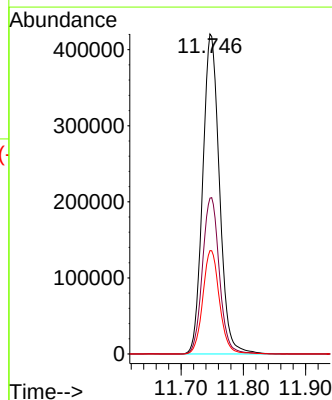
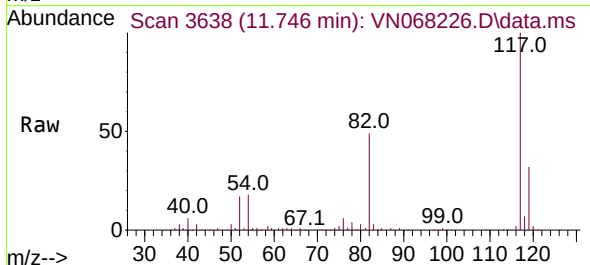
Instrument :
MSVOA_N
ClientSampleId :
PB138556ZHE#05

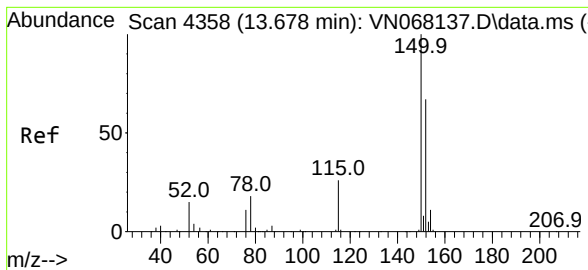
Tgt Ion: 95 Resp: 291389
Ion Ratio Lower Upper
95 100
174 96.0 0.0 122.0
176 92.1 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068226.D
Acq: 19 Aug 2021 19:08

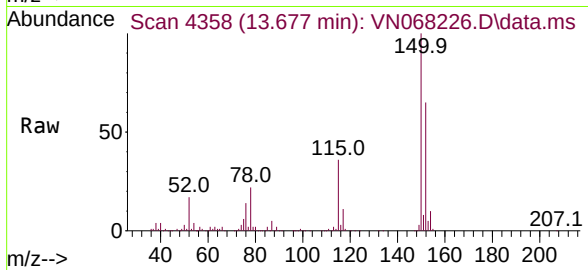
Tgt Ion: 117 Resp: 785160
Ion Ratio Lower Upper
117 100
82 48.7 53.1 79.7#
119 32.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. -0.001 min
 Lab File: VN068226.D
 Acq: 19 Aug 2021 19:08

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138556ZHE#05



Tgt Ion:152 Resp: 290070
 Ion Ratio Lower Upper
 152 100
 115 54.8 36.1 108.5
 150 155.1 0.0 351.8

