

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081921\
 Data File : VN068228.D
 Acq On : 19 Aug 2021 19:58
 Operator : JC/MD
 Sample : PB138556ZHE#07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138556ZHE#07

Quant Time: Aug 20 01:56:15 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)

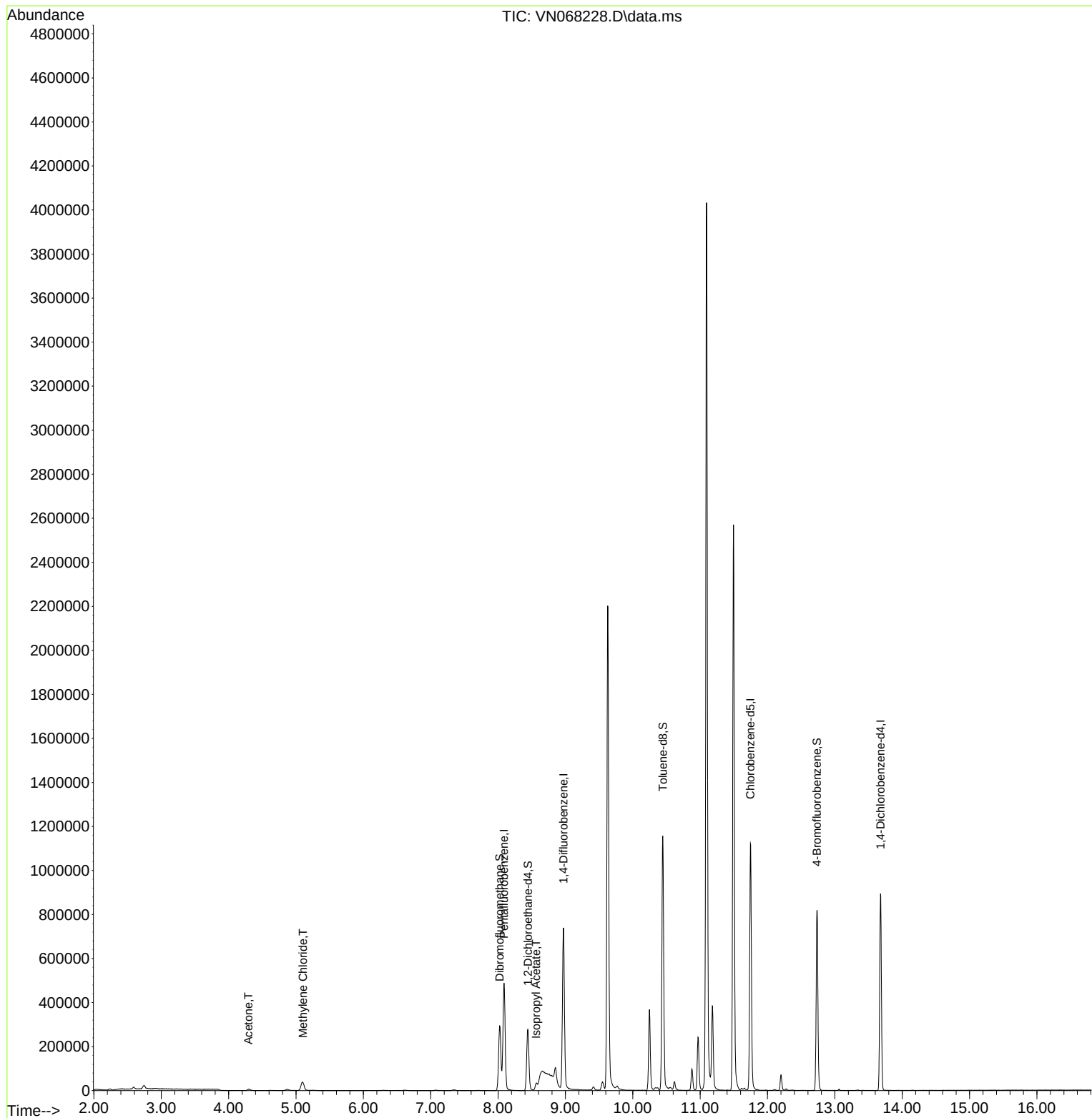
Internal Standards						
1) Pentafluorobenzene	8.088	168	401802	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	695787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	729403	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	271060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	236568	55.142	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	110.280%	
35) Dibromofluoromethane	8.024	113	214528	49.110	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	98.220%	
50) Toluene-d8	10.446	98	860138	51.676	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	103.360%	
62) 4-Bromofluorobenzene	12.733	95	275693	49.755	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	99.520%	
Target Compounds						Qvalue
16) Acetone	4.293	43	12328	9.842	ug/l	# 85
20) Methylene Chloride	5.103	84	33773	7.958	ug/l	# 80
43) Isopropyl Acetate	8.563	43	40253	5.186	ug/l	93

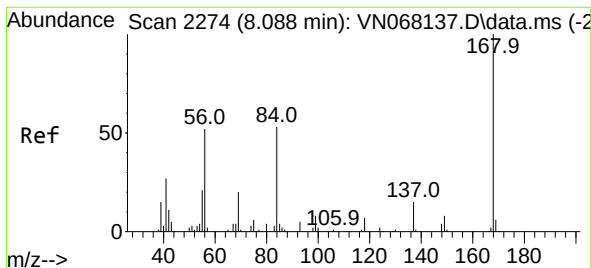
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN068228.D

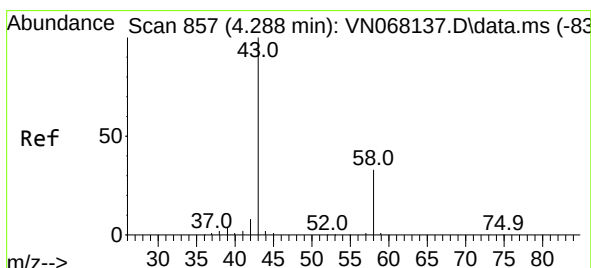
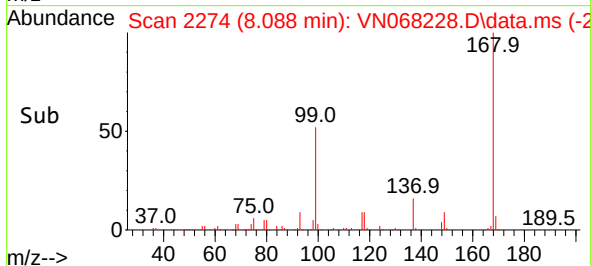
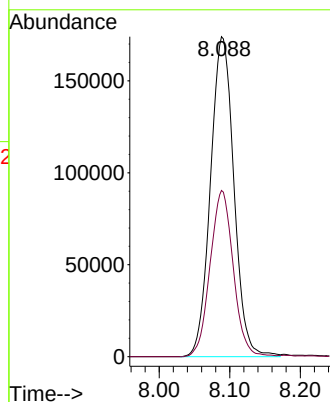
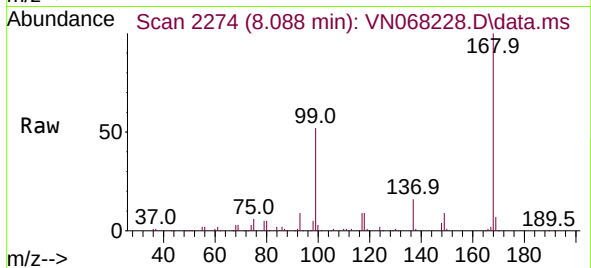
Acq: 19 Aug 2021 19:58

Tgt Ion:168 Resp: 401802

Ion Ratio Lower Upper

168 100

99 51.9 62.9 94.3#



#16

Acetone

Concen: 9.842 ug/l

RT: 4.293 min Scan# 859

Delta R.T. 0.005 min

Lab File: VN068228.D

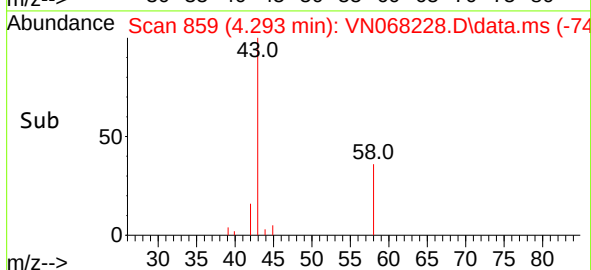
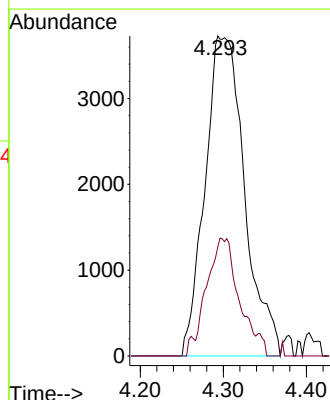
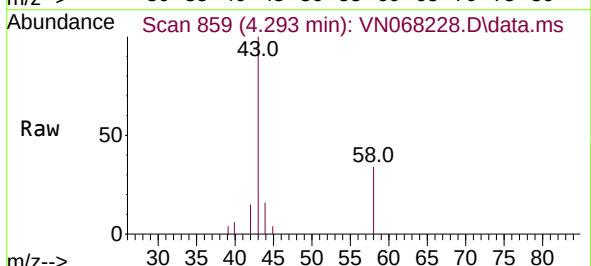
Acq: 19 Aug 2021 19:58

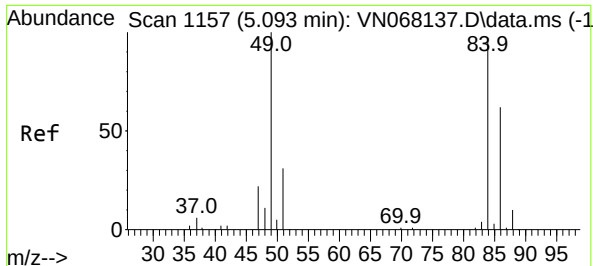
Tgt Ion: 43 Resp: 12328

Ion Ratio Lower Upper

43 100

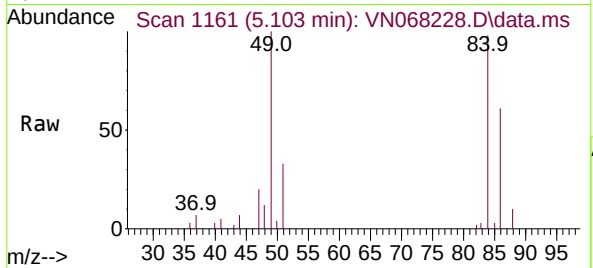
58 34.1 21.2 31.8#



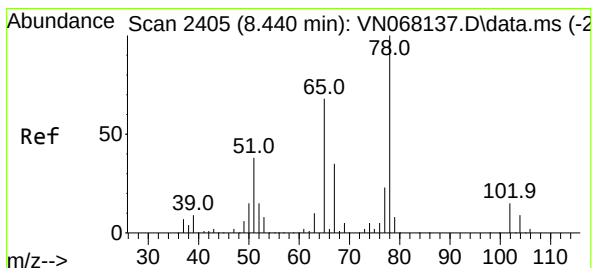
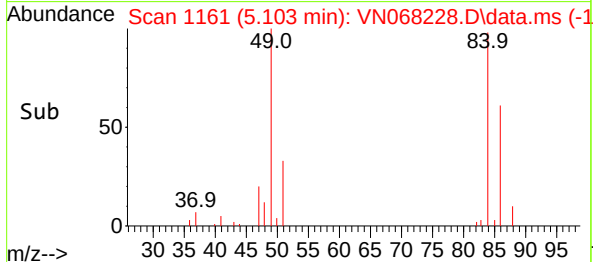
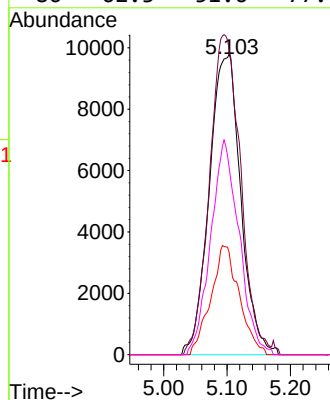


#20
Methylene Chloride
Concen: 7.958 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.010 min
Lab File: VN068228.D
Acq: 19 Aug 2021 19:58

Instrument :
MSVOA_N
ClientSampleId :
PB138556ZHE#07

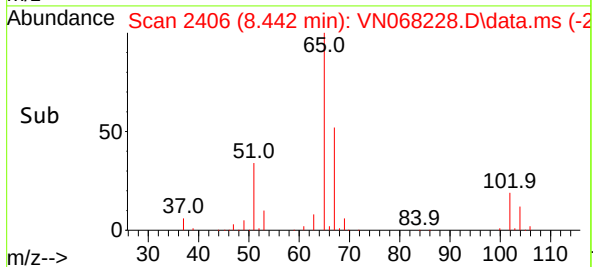
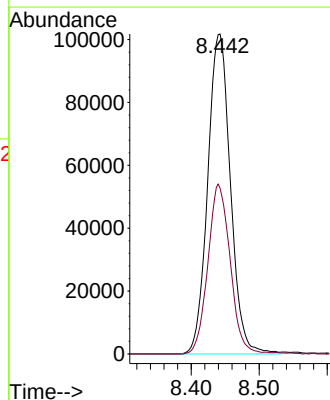
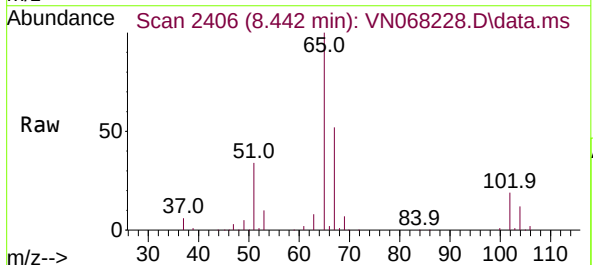


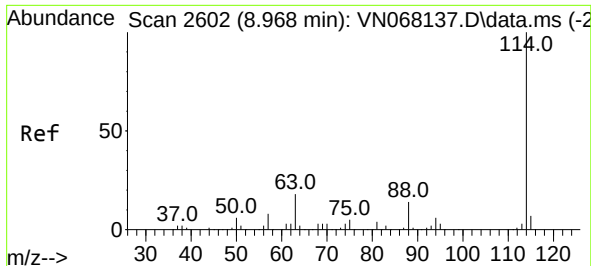
Tgt Ion:	84	Resp:	33773
Ion	Ratio	Lower	Upper
84	100		
49	101.7	110.9	166.3#
51	34.0	32.6	49.0
86	62.3	51.6	77.4



#33
1,2-Dichloroethane-d4
Concen: 55.142 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068228.D
Acq: 19 Aug 2021 19:58

Tgt Ion:	65	Resp:	236568
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	98.6

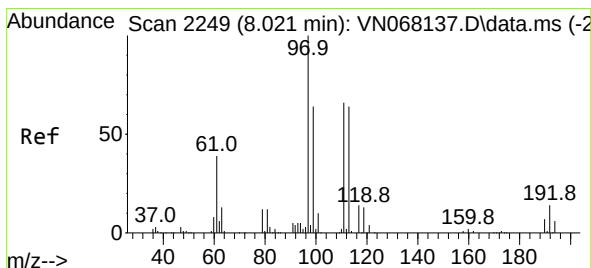
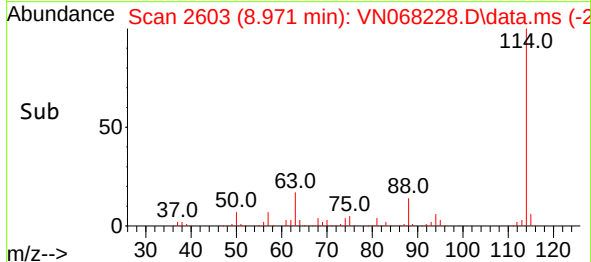
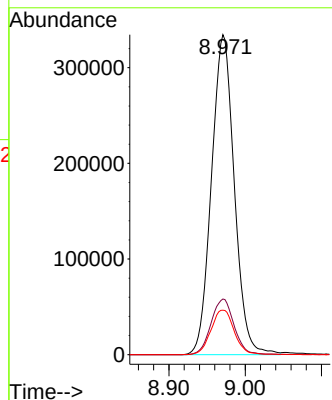
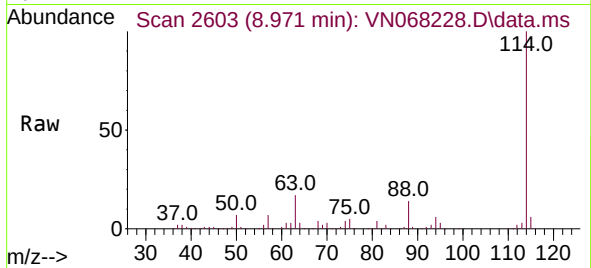




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068228.D
Acq: 19 Aug 2021 19:58

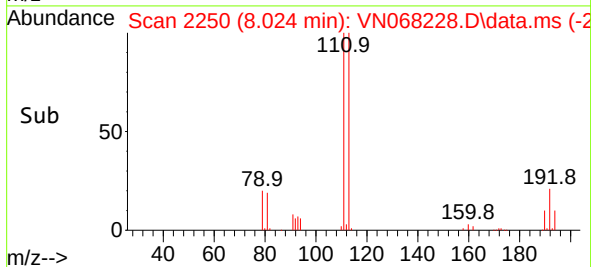
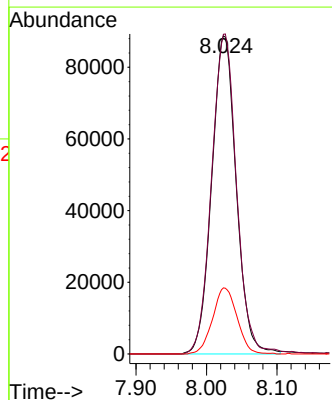
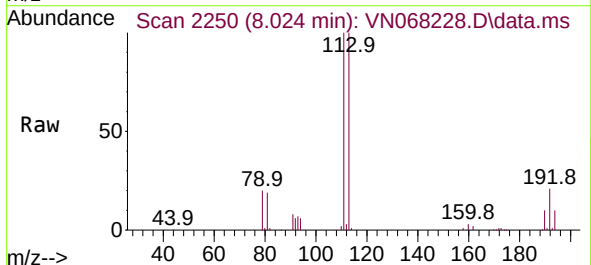
Instrument :
MSVOA_N
ClientSampleId :
PB138556ZHE#07

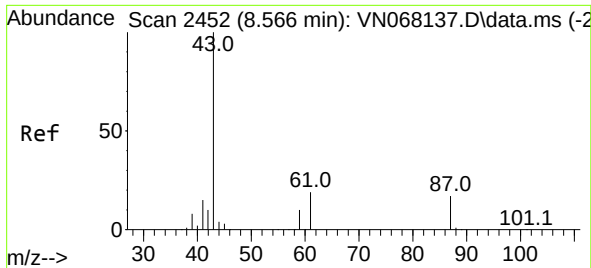
Tgt Ion:114 Resp: 695787
Ion Ratio Lower Upper
114 100
63 17.4 0.0 49.0
88 13.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.110 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068228.D
Acq: 19 Aug 2021 19:58

Tgt Ion:113 Resp: 214528
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.8
192 20.7 13.4 20.0#

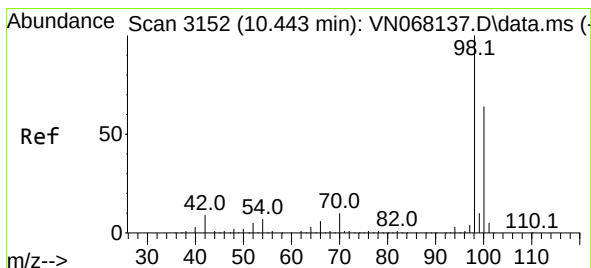
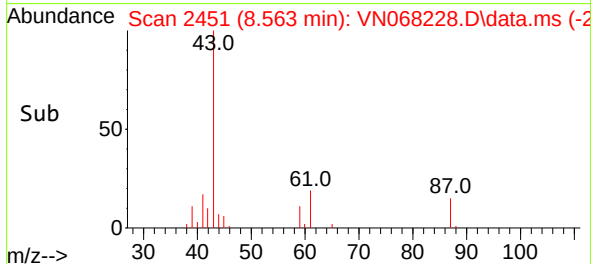
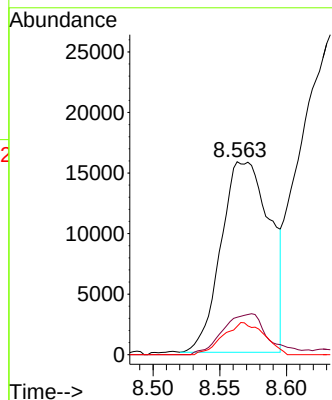
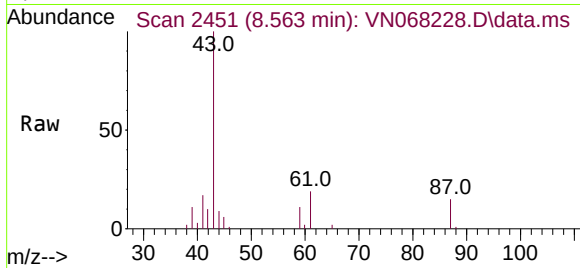




#43
Isopropyl Acetate
Concen: 5.186 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN068228.D
Acq: 19 Aug 2021 19:58

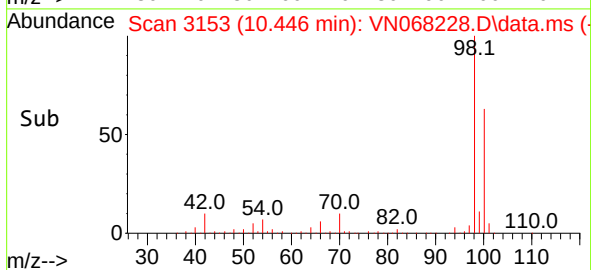
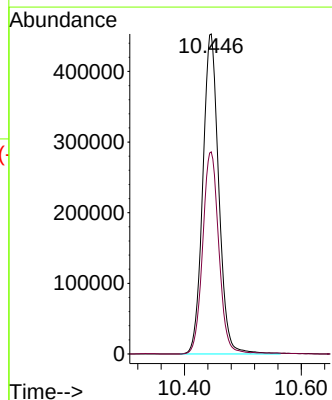
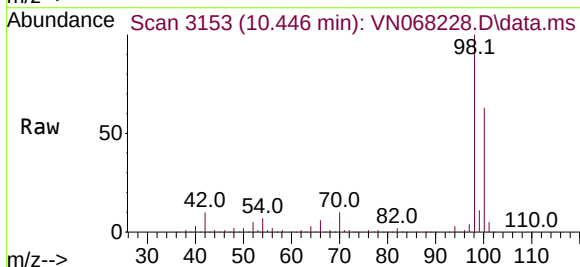
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ClientSampleId :
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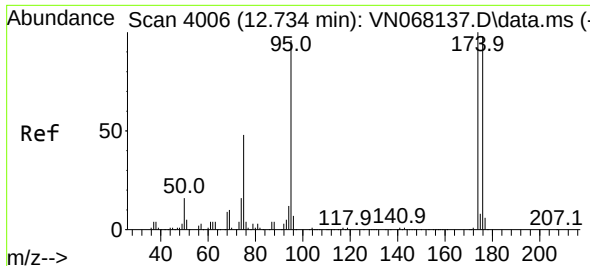
Tgt Ion:	43	Resp:	40253
Ion	Ratio	Lower	Upper
43	100		
61	20.1	19.0	28.4
87	14.0	9.5	14.3



#50
Toluene-d8
Concen: 51.676 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068228.D
Acq: 19 Aug 2021 19:58

Tgt Ion:	98	Resp:	860138
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.7	77.5

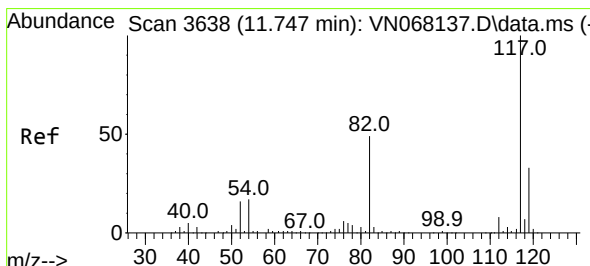
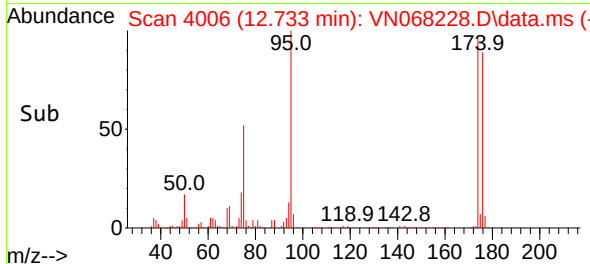
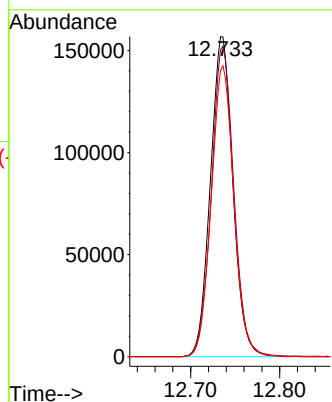
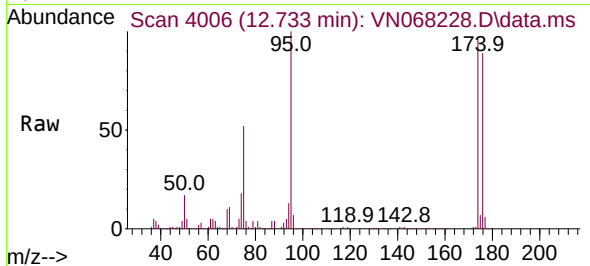




#62
4-Bromofluorobenzene
Concen: 49.755 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068228.D
Acq: 19 Aug 2021 19:58

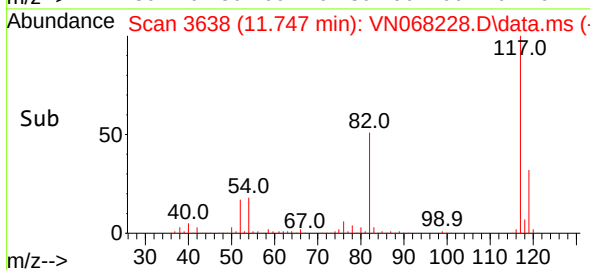
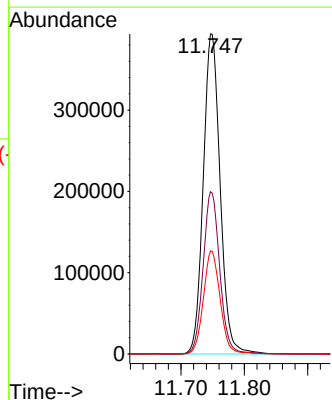
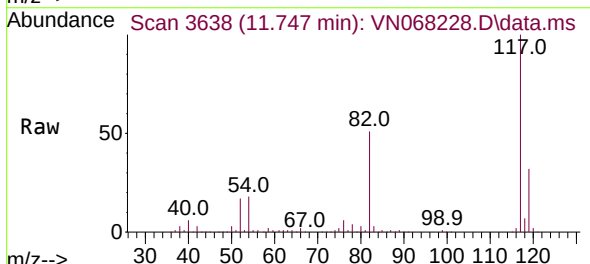
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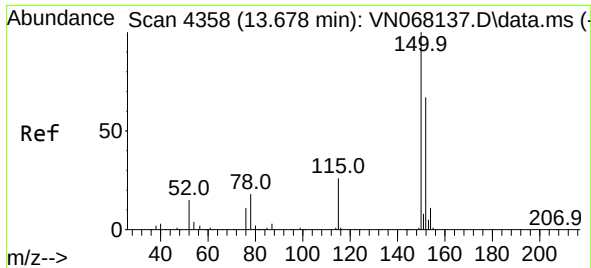
Tgt Ion: 95 Resp: 275693
Ion Ratio Lower Upper
95 100
174 96.8 0.0 122.0
176 91.2 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068228.D
Acq: 19 Aug 2021 19:58

Tgt Ion: 117 Resp: 729403
Ion Ratio Lower Upper
117 100
82 50.7 53.1 79.7#
119 32.2 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: VN068228.D
 Acq: 19 Aug 2021 19:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138556ZHE#07

Tgt Ion:152 Resp: 271060
 Ion Ratio Lower Upper
 152 100
 115 55.4 36.1 108.5
 150 158.2 0.0 351.8

