

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082721\
 Data File : VN068343.D
 Acq On : 27 Aug 2021 14:41
 Operator : JC/MD
 Sample : PB138768ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138768ZHE#01

Quant Time: Aug 28 01:27:46 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)

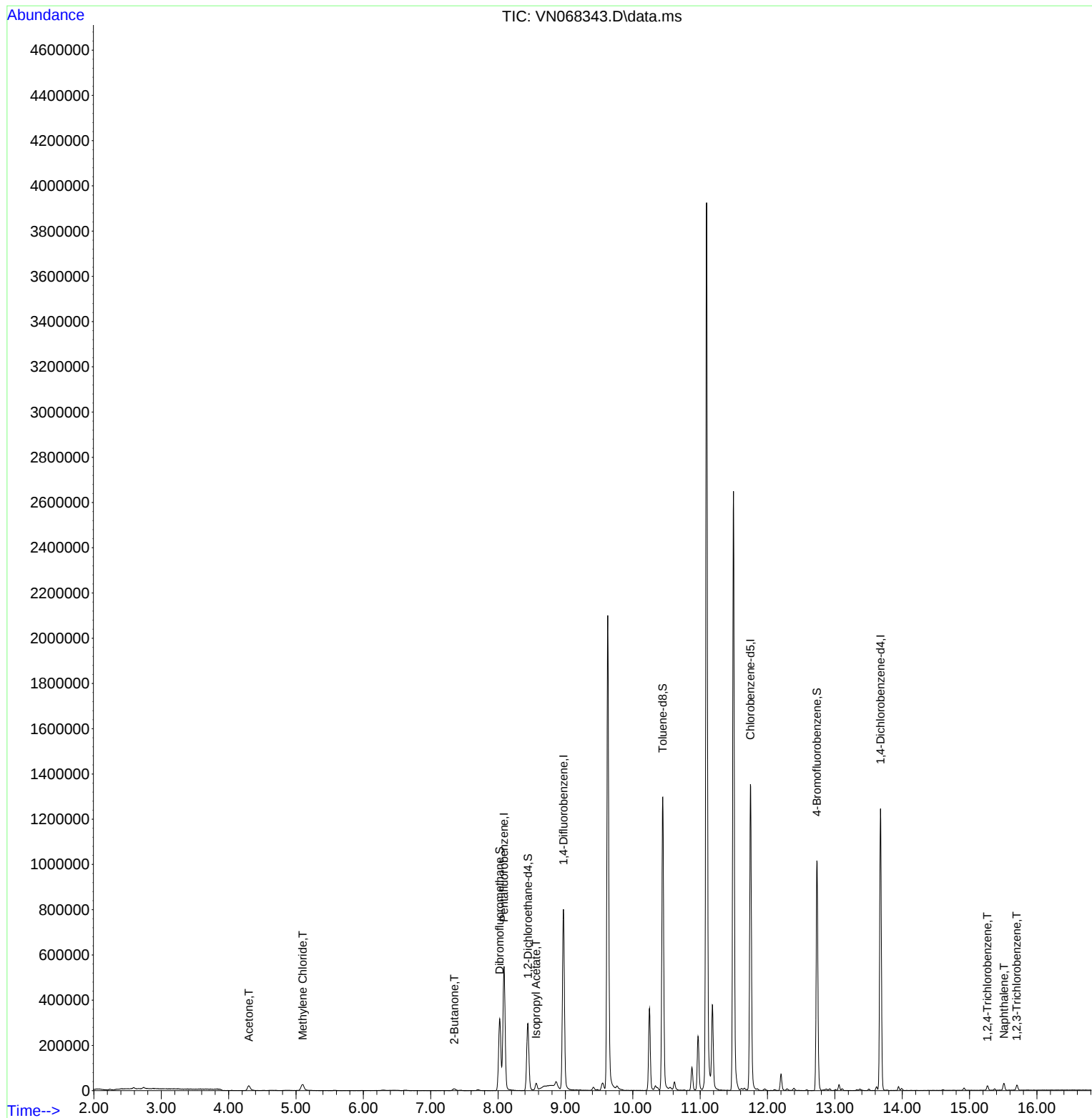
Internal Standards						
1) Pentafluorobenzene	8.088	168	454497	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	768676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	889581	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	375520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	253608	52.260	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 104.520%		
35) Dibromofluoromethane	8.024	113	233043	48.290	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 96.580%		
50) Toluene-d8	10.443	98	960225	52.219	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 104.440%		
62) 4-Bromofluorobenzene	12.733	95	345389	56.423	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 112.840%		
Target Compounds						
						Qvalue
16) Acetone	4.299	43	41601	29.361	ug/l	# 81
20) Methylene Chloride	5.098	84	23458	4.029	ug/l	# 76
25) 2-Butanone	7.351	43	11305	5.120	ug/l	# 83
43) Isopropyl Acetate	8.566	43	35309	4.118	ug/l	# 93
93) 1,2,4-Trichlorobenzene	15.262	180	8041	3.900	ug/l	97
95) Naphthalene	15.509	128	30534	5.277	ug/l	98
96) 1,2,3-Trichlorobenzene	15.700	180	9243	4.297	ug/l	95

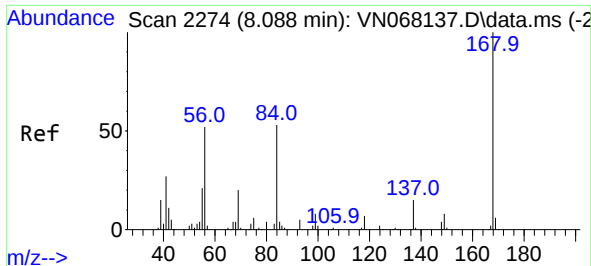
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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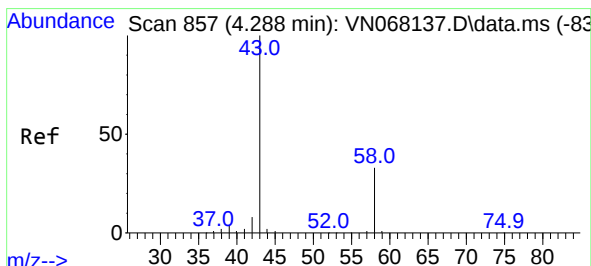
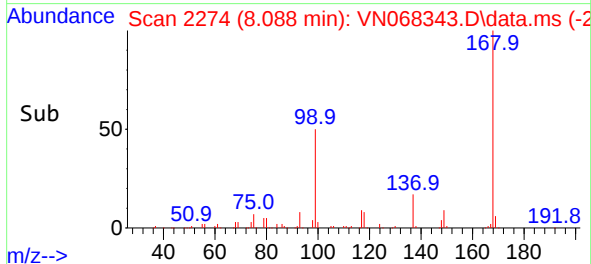
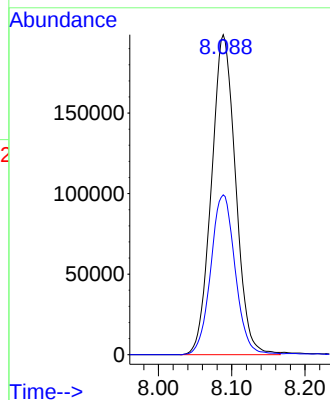
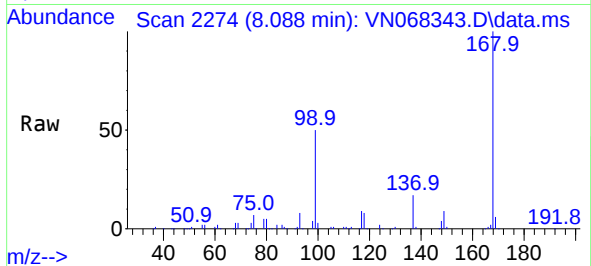




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068343.D
Acq: 27 Aug 2021 14:41

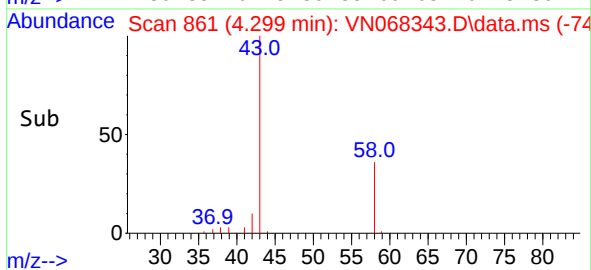
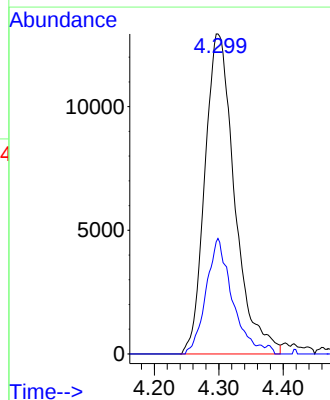
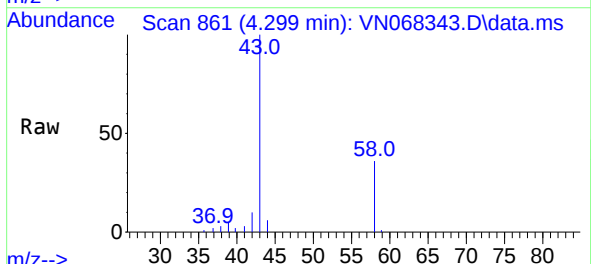
Instrument :
MSVOA_N
ClientSampleId :
PB138768ZHE#01

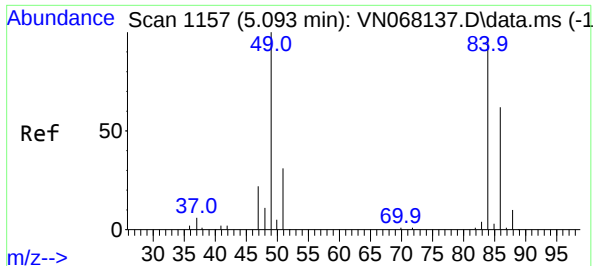
Tgt Ion:168 Resp: 454497
Ion Ratio Lower Upper
168 100
99 49.9 62.9 94.3#



#16
Acetone
Concen: 29.361 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN068343.D
Acq: 27 Aug 2021 14:41

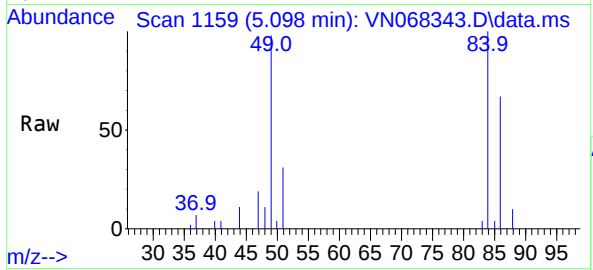
Tgt Ion: 43 Resp: 41601
Ion Ratio Lower Upper
43 100
58 36.1 21.2 31.8#





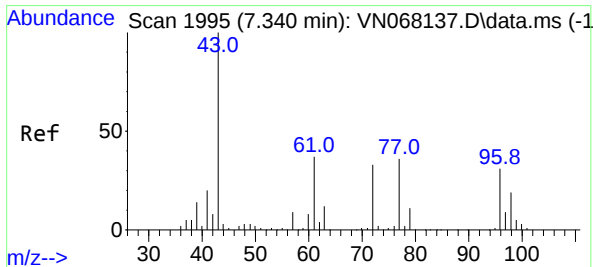
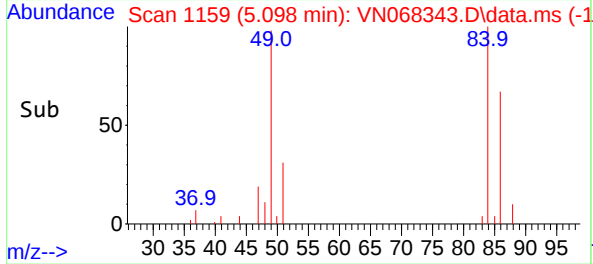
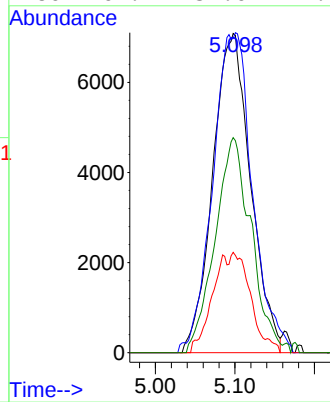
#20
Methylene Chloride
Concen: 4.029 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN068343.D
Acq: 27 Aug 2021 14:41

Instrument :
MSVOA_N
ClientSampleId :
PB138768ZHE#01



Tgt Ion: 84 Resp: 23458

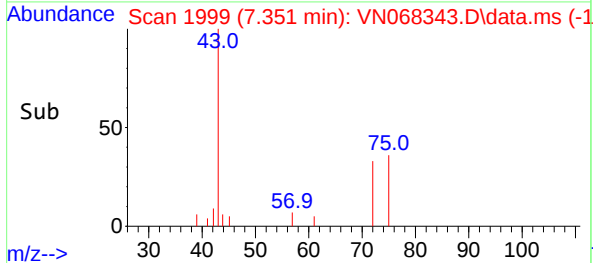
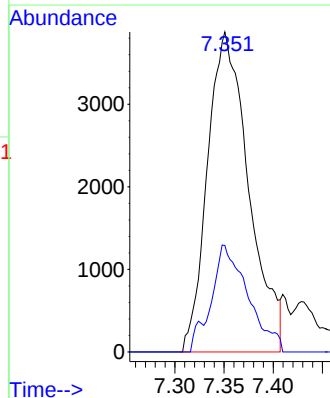
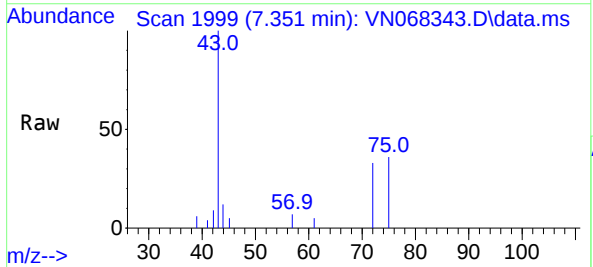
Ion	Ratio	Lower	Upper
84	100		
49	95.9	110.9	166.3#
51	31.4	32.6	49.0#
86	67.4	51.6	77.4

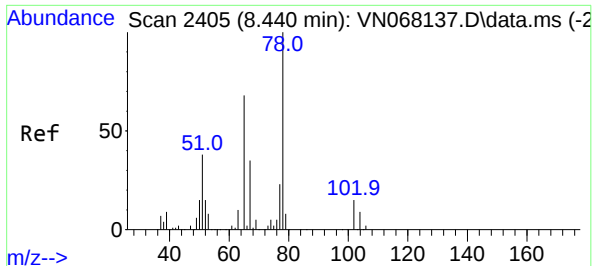


#25
2-Butanone
Concen: 5.120 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.011 min
Lab File: VN068343.D
Acq: 27 Aug 2021 14:41

Tgt Ion: 43 Resp: 11305

Ion	Ratio	Lower	Upper
43	100		
72	33.3	19.7	29.5#

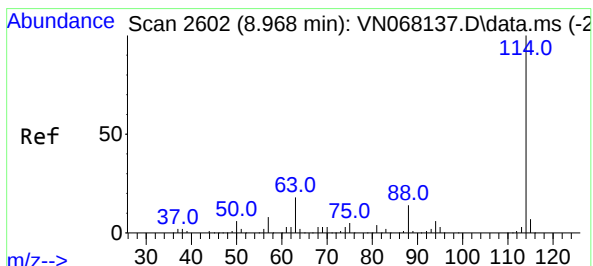
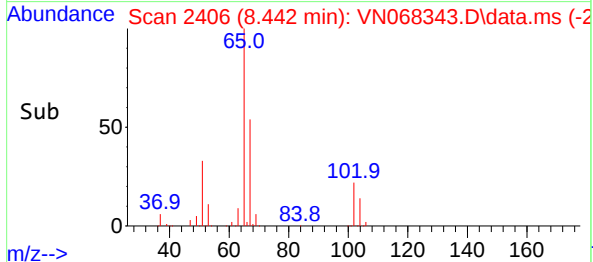
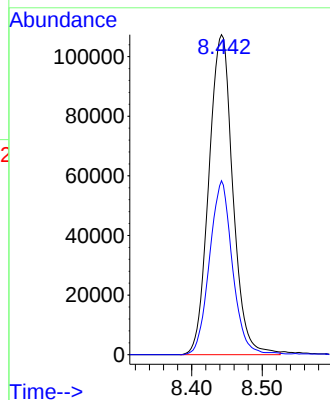
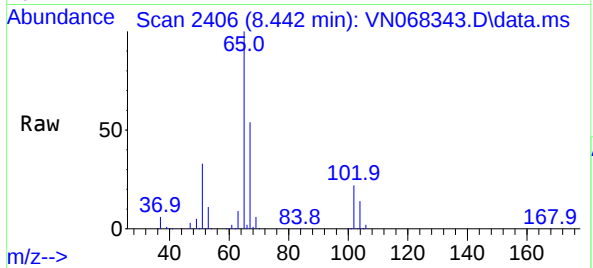




#33
 1,2-Dichloroethane-d4
 Concen: 52.260 ug/l
 RT: 8.442 min Scan# 2406
 Delta R.T. 0.002 min
 Lab File: VN068343.D
 Acq: 27 Aug 2021 14:41

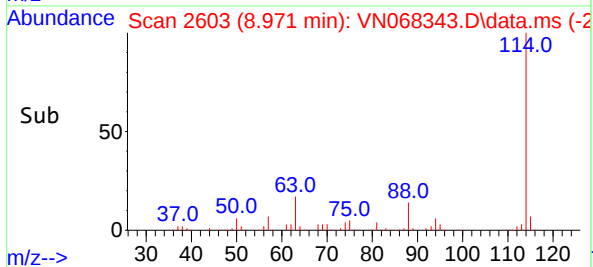
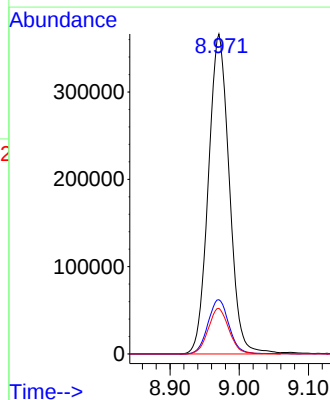
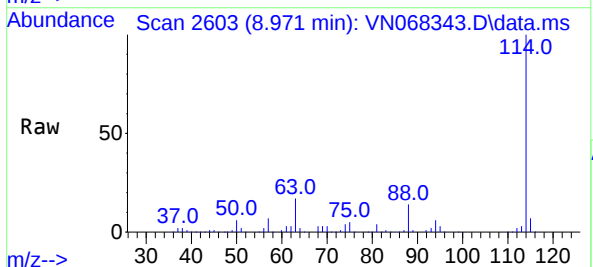
Instrument :
 MSVOA_N
 ClientSampleId :
 PB138768ZHE#01

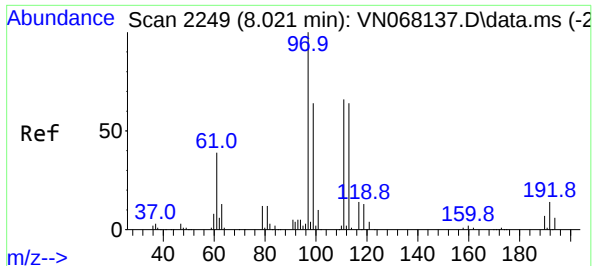
Tgt Ion: 65 Resp: 253608
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068343.D
 Acq: 27 Aug 2021 14:41

Tgt Ion: 114 Resp: 768676
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 49.0
 88 14.3 0.0 36.6

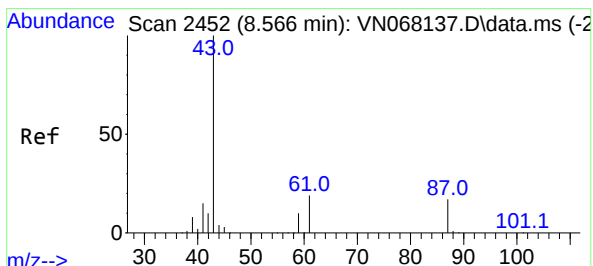
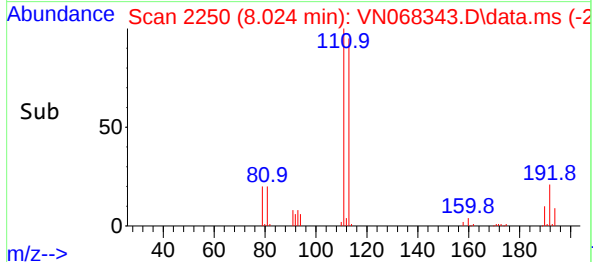
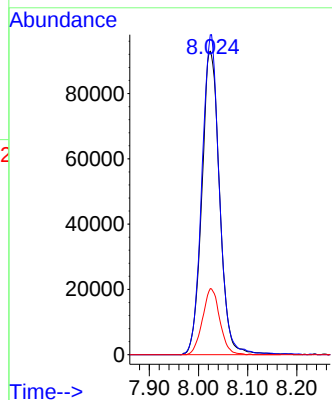
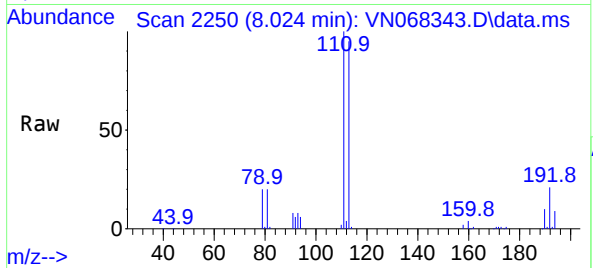




#35
Dibromofluoromethane
Concen: 48.290 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068343.D
Acq: 27 Aug 2021 14:41

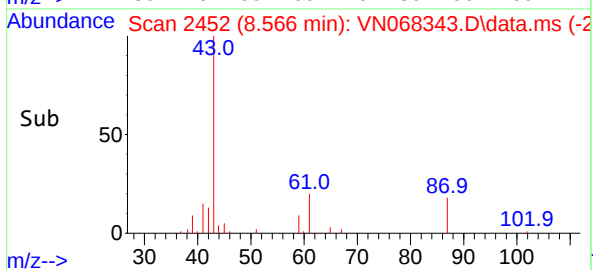
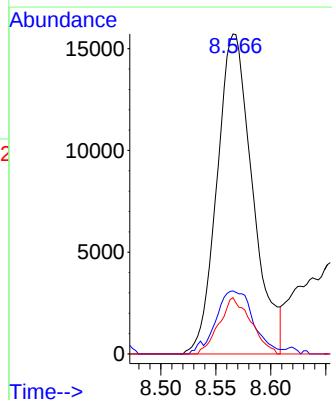
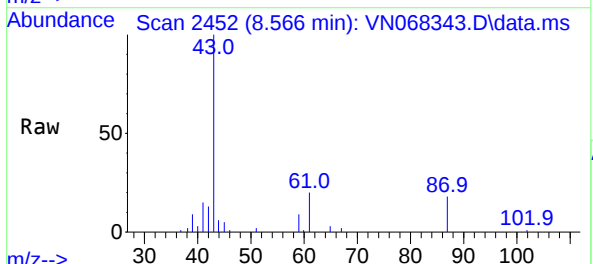
Instrument :
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ClientSampleId :
PB138768ZHE#01

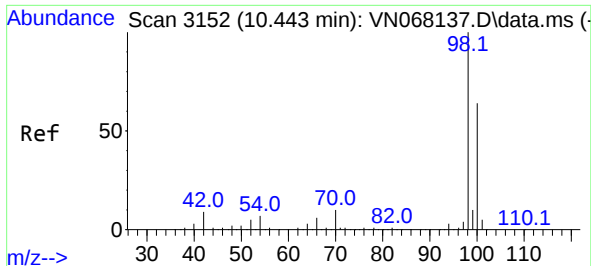
Tgt Ion:113 Resp: 233043
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.8
192 21.2 13.4 20.0#



#43
Isopropyl Acetate
Concen: 4.118 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.000 min
Lab File: VN068343.D
Acq: 27 Aug 2021 14:41

Tgt Ion: 43 Resp: 35309
Ion Ratio Lower Upper
43 100
61 21.0 19.0 28.4
87 15.7 9.5 14.3#

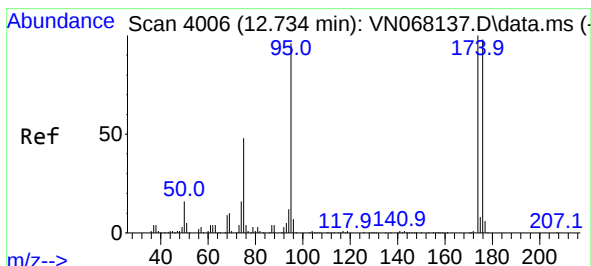
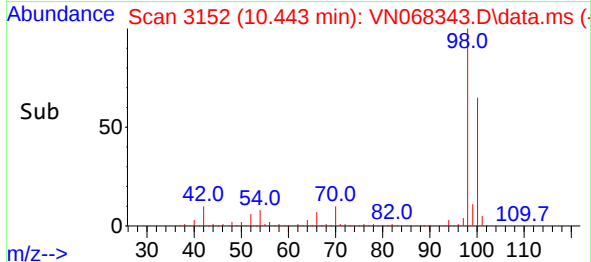
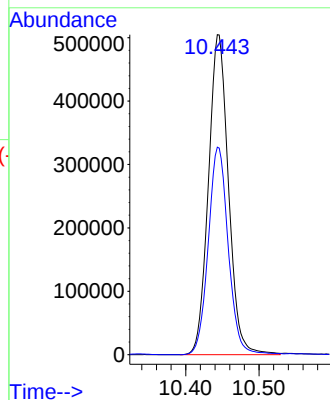
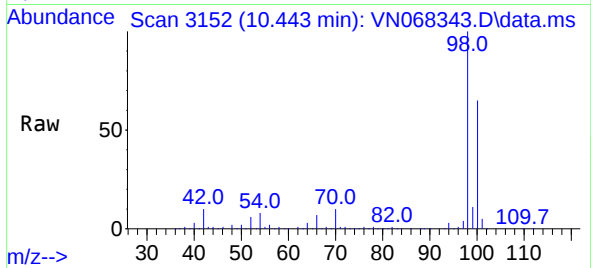




#50
Toluene-d8
Concen: 52.219 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068343.D
Acq: 27 Aug 2021 14:41

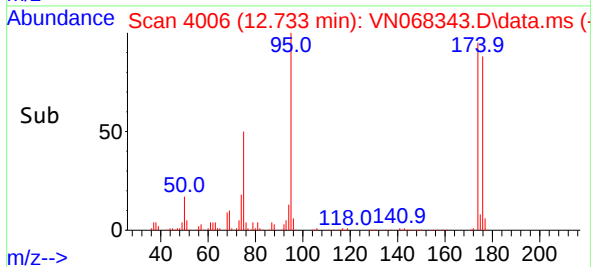
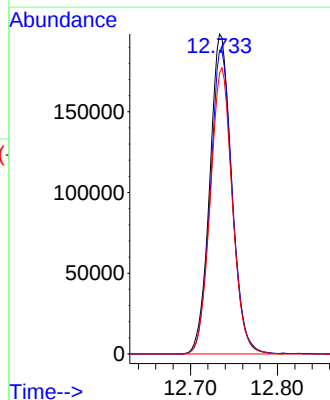
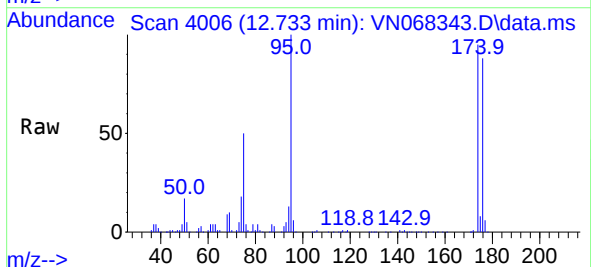
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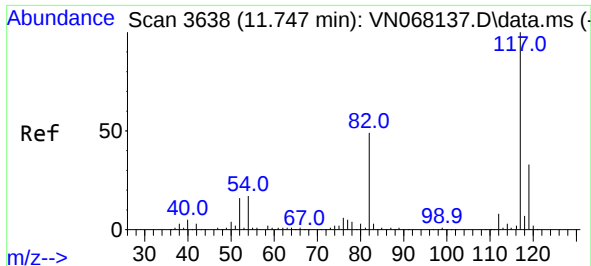
Tgt Ion: 98 Resp: 960225
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 56.423 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068343.D
Acq: 27 Aug 2021 14:41

Tgt Ion: 95 Resp: 345389
Ion Ratio Lower Upper
95 100
174 95.9 0.0 122.0
176 90.3 0.0 117.6

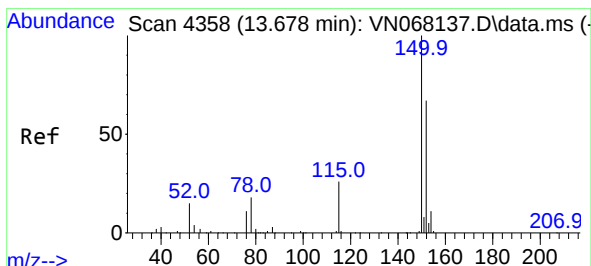
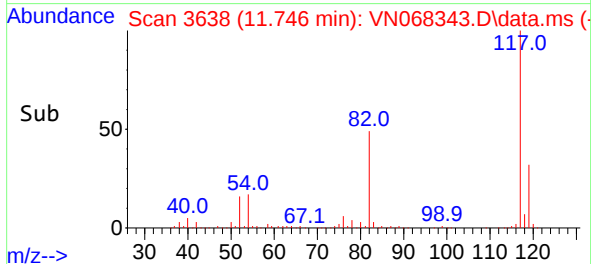
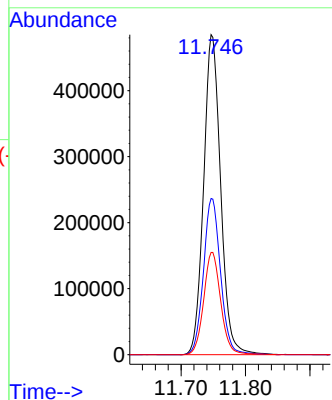
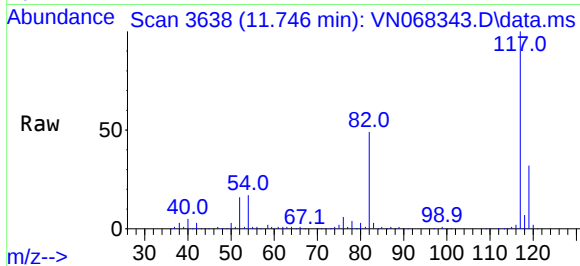




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068343.D
Acq: 27 Aug 2021 14:41

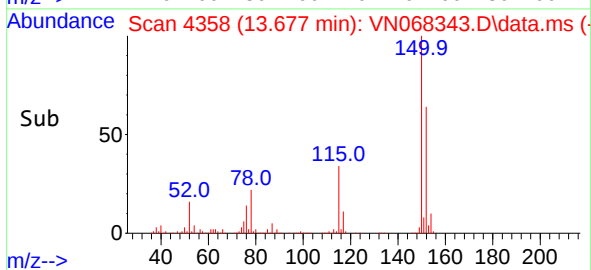
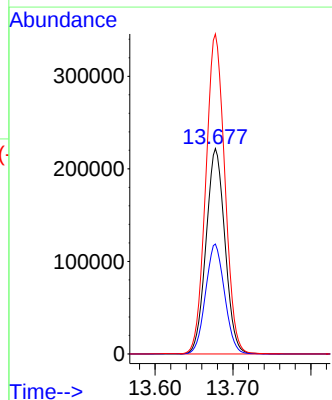
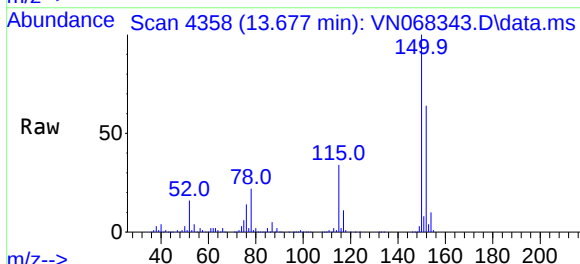
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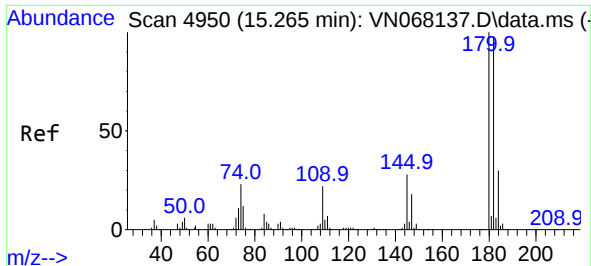
Tgt Ion:117 Resp: 889581
Ion Ratio Lower Upper
117 100
82 48.8 53.1 79.7#
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068343.D
Acq: 27 Aug 2021 14:41

Tgt Ion:152 Resp: 375520
Ion Ratio Lower Upper
152 100
115 53.9 36.1 108.5
150 156.8 0.0 351.8

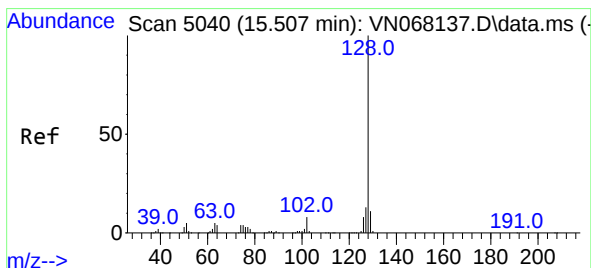
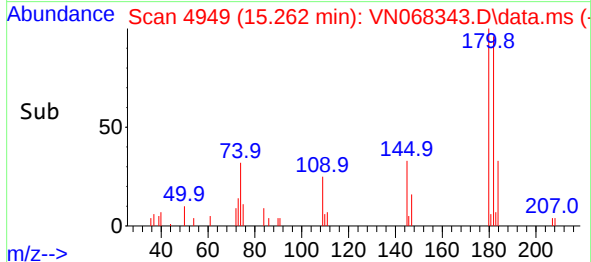
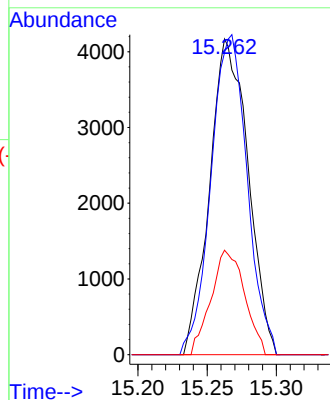
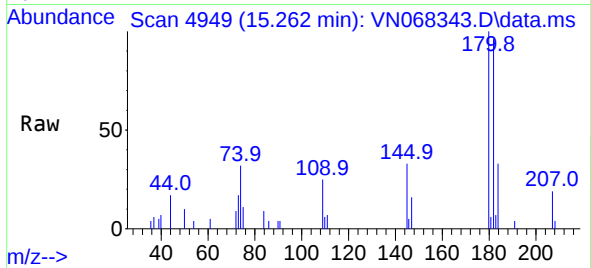




#93
1,2,4-Trichlorobenzene
Concen: 3.900 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN068343.D
Acq: 27 Aug 2021 14:41

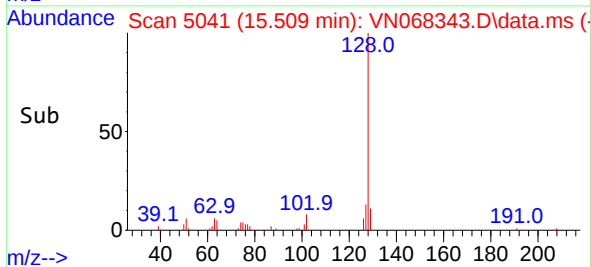
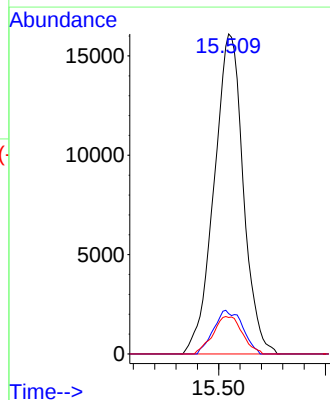
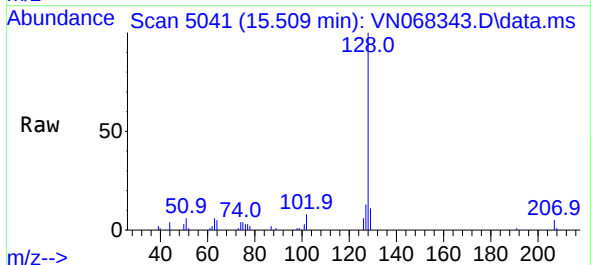
Instrument :
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PB138768ZHE#01

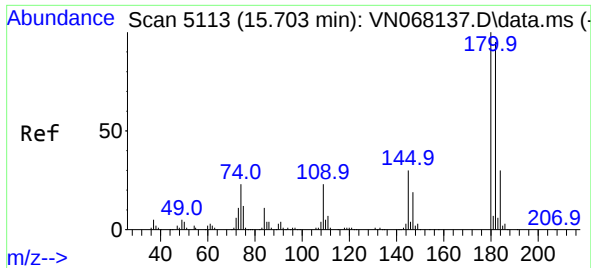
Tgt Ion:	180	Resp:	8041
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.5	142.5
145	28.9	17.2	51.6



#95
Naphthalene
Concen: 5.277 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068343.D
Acq: 27 Aug 2021 14:41

Tgt Ion:	128	Resp:	30534
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.6	15.8
129	11.8	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 4.297 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.003 min
Lab File: VN068343.D
Acq: 27 Aug 2021 14:41

Instrument :
MSVOA_N
ClientSampleId :
PB138768ZHE#01

Tgt Ion:180 Resp: 9243
Ion Ratio Lower Upper
180 100
182 94.3 47.8 143.3
145 26.8 18.2 54.6

