

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082321\
 Data File : VN068264.D
 Acq On : 23 Aug 2021 13:14
 Operator : JC/MD
 Sample : PB138634TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138634TB

Quant Time: Aug 24 03:53:26 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)

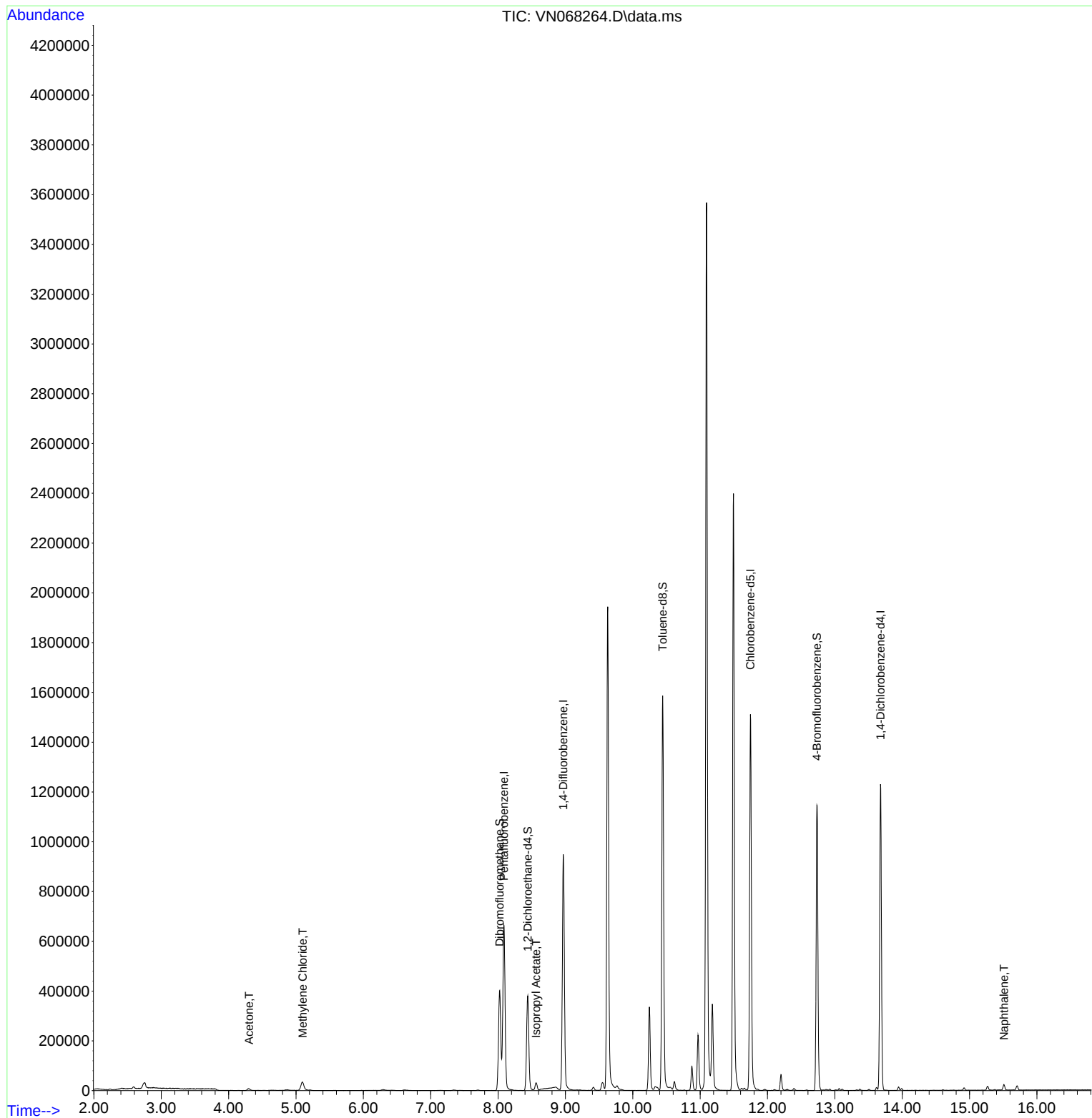
Internal Standards						
1) Pentafluorobenzene	8.086	168	560451	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	918896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	999658	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	381895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	322044	53.817	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 107.640%		
35) Dibromofluoromethane	8.021	113	292122	50.636	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 101.280%		
50) Toluene-d8	10.443	98	1191015	54.181	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 108.360%		
62) 4-Bromofluorobenzene	12.733	95	391510	53.501	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 107.000%		
Target Compounds						Qvalue
16) Acetone	4.301	43	14695	8.411	ug/l	91
20) Methylene Chloride	5.098	84	28782	3.998	ug/l #	80
43) Isopropyl Acetate	8.563	43	34500	3.366	ug/l #	94
95) Naphthalene	15.512	128	23024	4.777	ug/l	97

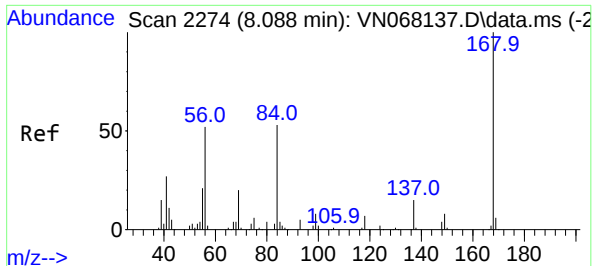
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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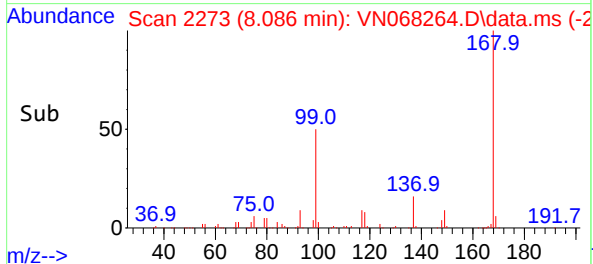
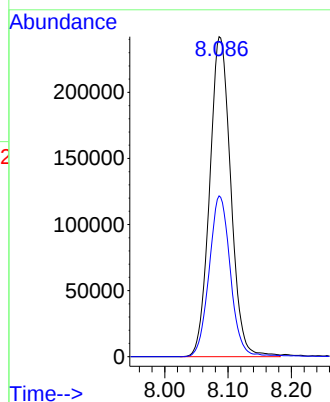
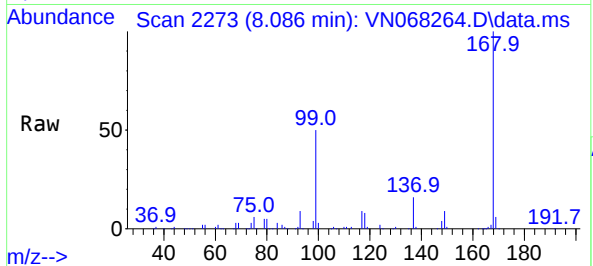




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.002 min
Lab File: VN068264.D
Acq: 23 Aug 2021 13:14

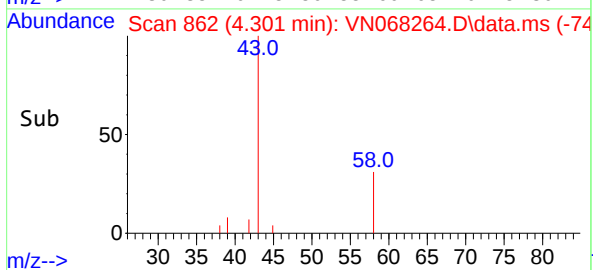
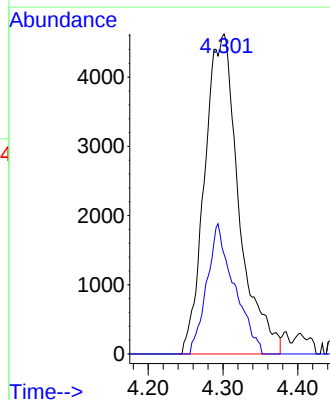
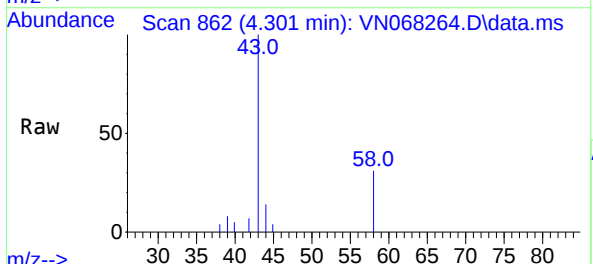
Instrument :
MSVOA_N
ClientSampleId :
PB138634TB

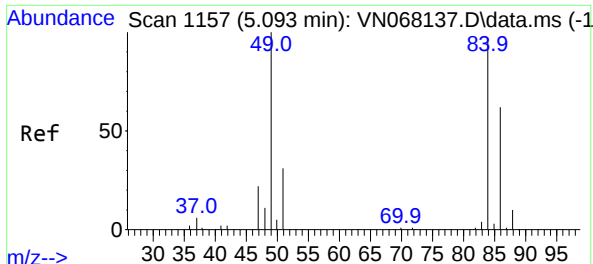
Tgt Ion:168 Resp: 560451
Ion Ratio Lower Upper
168 100
99 50.2 62.9 94.3#



#16
Acetone
Concen: 8.411 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.013 min
Lab File: VN068264.D
Acq: 23 Aug 2021 13:14

Tgt Ion: 43 Resp: 14695
Ion Ratio Lower Upper
43 100
58 31.2 21.2 31.8



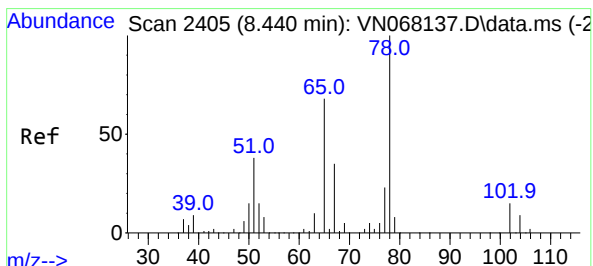
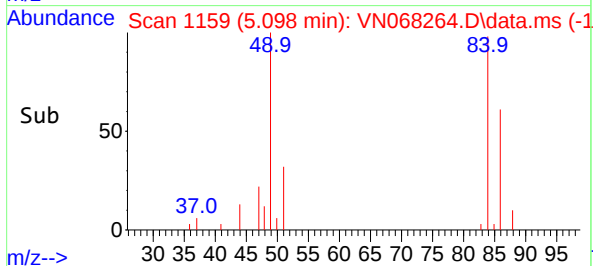
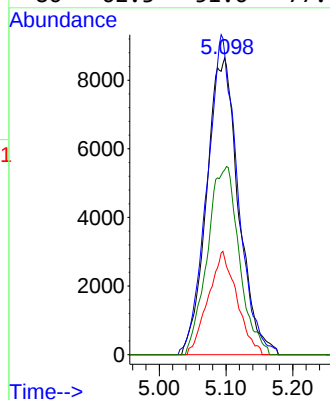
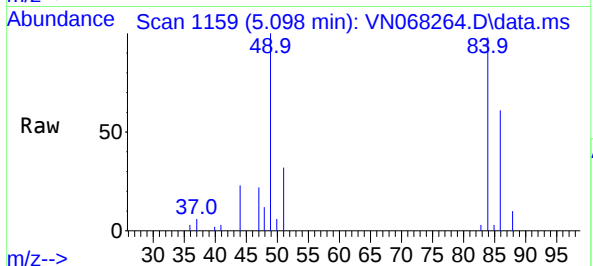


#20
Methylene Chloride
Concen: 3.998 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN068264.D
Acq: 23 Aug 2021 13:14

Instrument :
MSVOA_N
ClientSampleId :
PB138634TB

Tgt Ion: 84 Resp: 28782

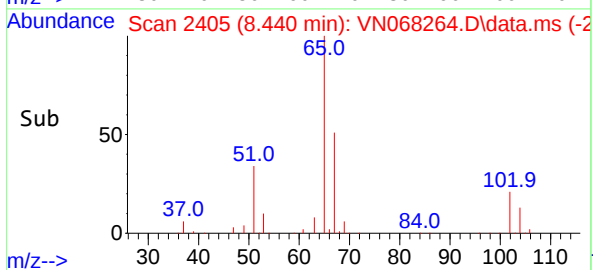
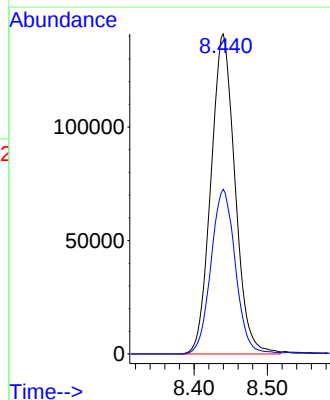
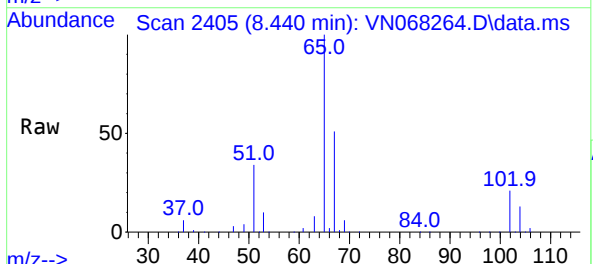
Ion	Ratio	Lower	Upper
84	100		
49	101.6	110.9	166.3#
51	32.4	32.6	49.0#
86	62.3	51.6	77.4

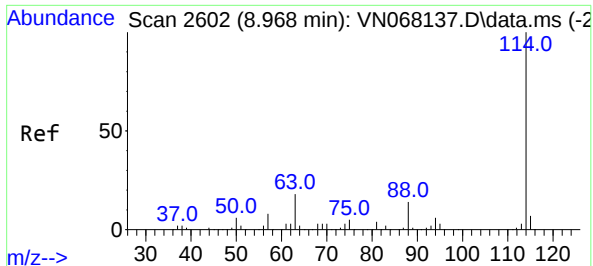


#33
1,2-Dichloroethane-d4
Concen: 53.817 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068264.D
Acq: 23 Aug 2021 13:14

Tgt Ion: 65 Resp: 322044

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	98.6

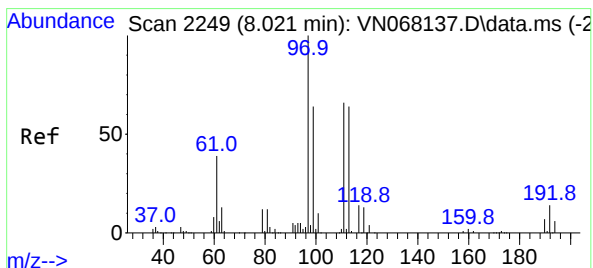
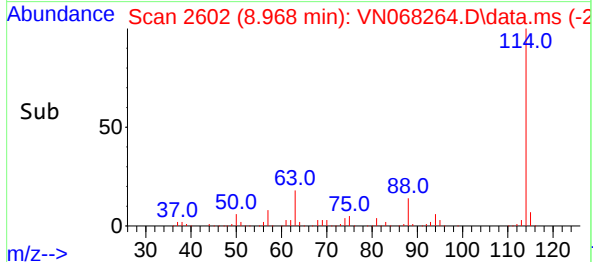
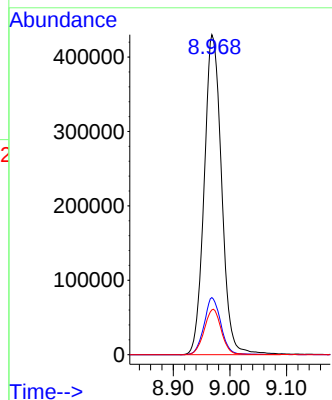
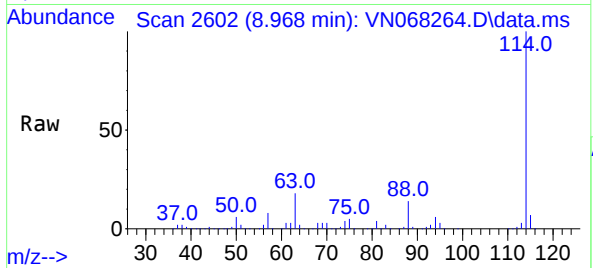




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068264.D
Acq: 23 Aug 2021 13:14

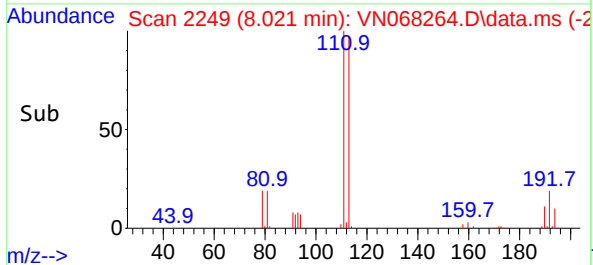
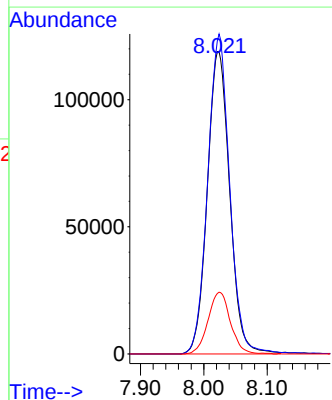
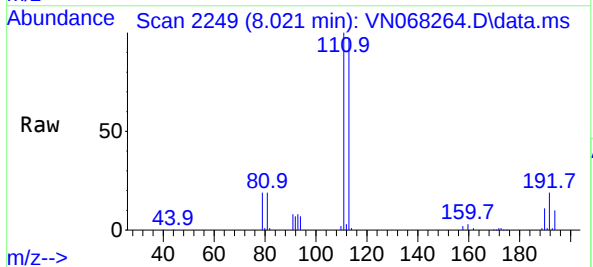
Instrument :
MSVOA_N
ClientSampleId :
PB138634TB

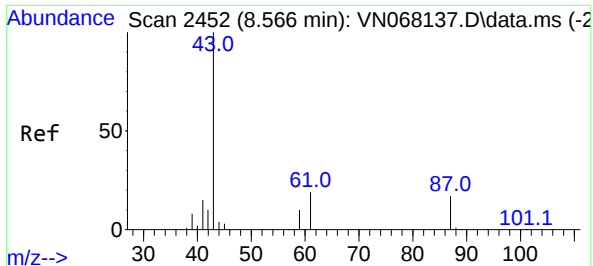
Tgt Ion:114 Resp: 918896
Ion Ratio Lower Upper
114 100
63 17.8 0.0 49.0
88 14.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.636 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068264.D
Acq: 23 Aug 2021 13:14

Tgt Ion:113 Resp: 292122
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.8
192 20.4 13.4 20.0#

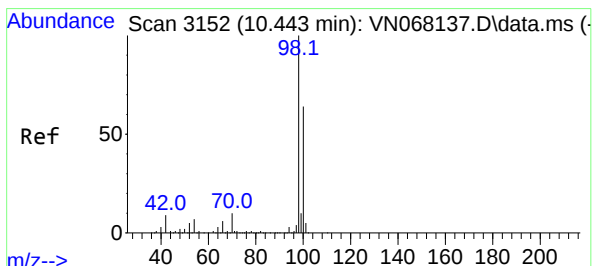
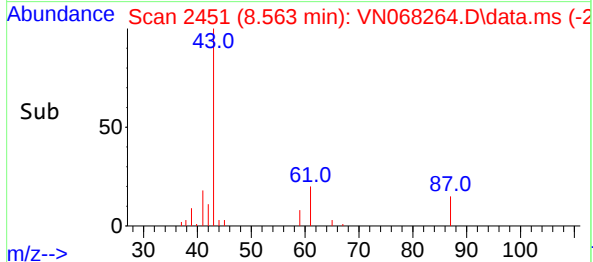
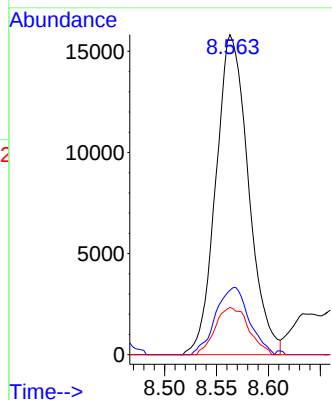
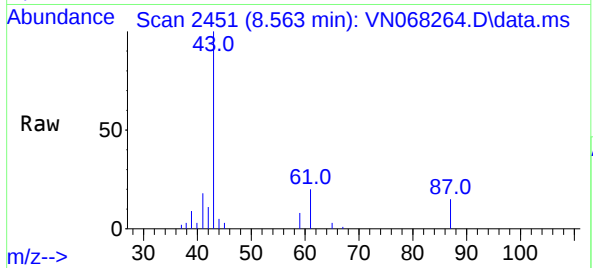




#43
Isopropyl Acetate
Concen: 3.366 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN068264.D
Acq: 23 Aug 2021 13:14

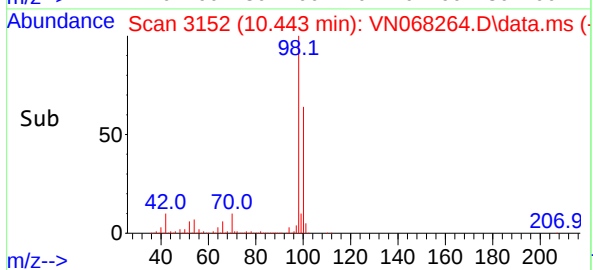
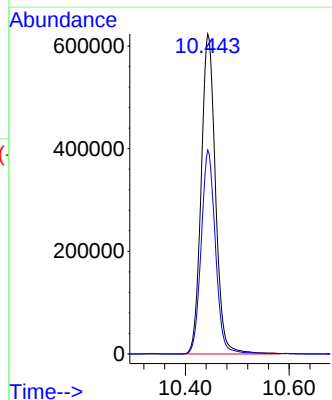
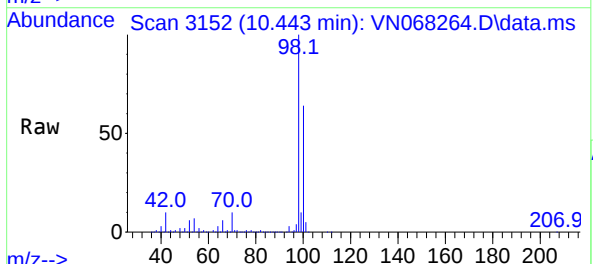
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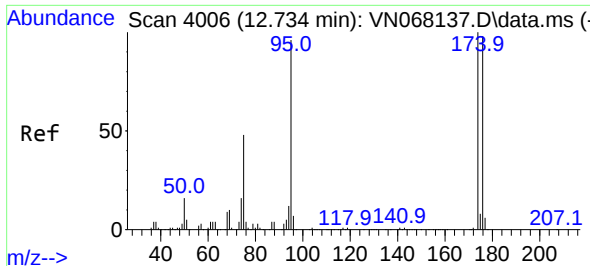
Tgt Ion: 43 Resp: 34500
Ion Ratio Lower Upper
43 100
61 21.6 19.0 28.4
87 15.2 9.5 14.3#



#50
Toluene-d8
Concen: 54.181 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068264.D
Acq: 23 Aug 2021 13:14

Tgt Ion: 98 Resp: 1191015
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5

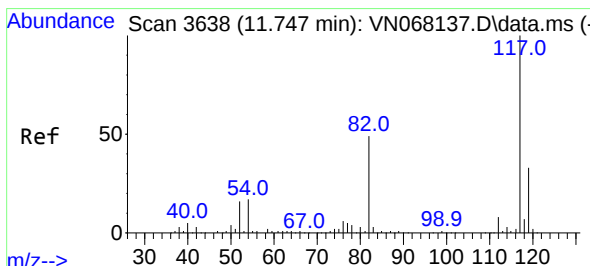
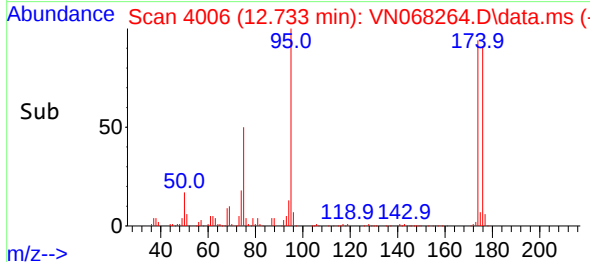
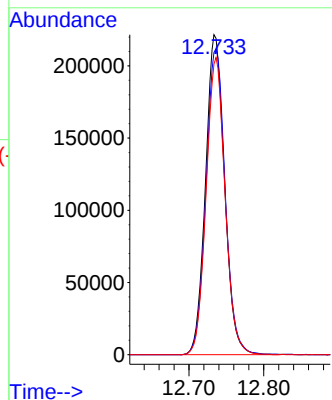
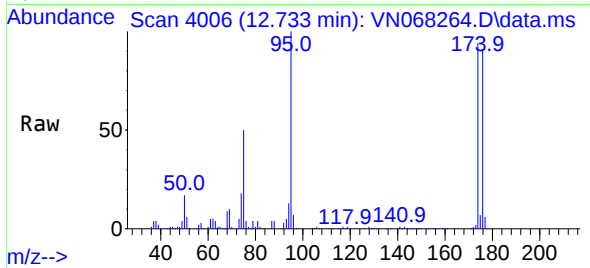




#62
4-Bromofluorobenzene
Concen: 53.501 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068264.D
Acq: 23 Aug 2021 13:14

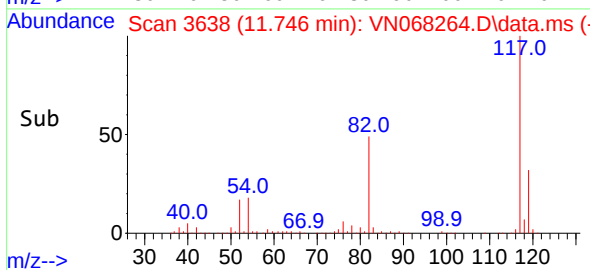
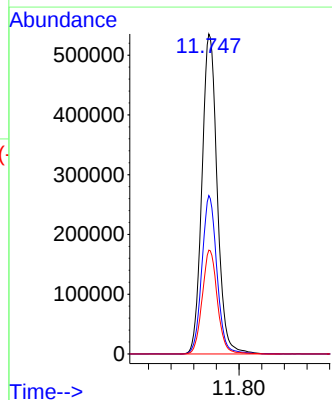
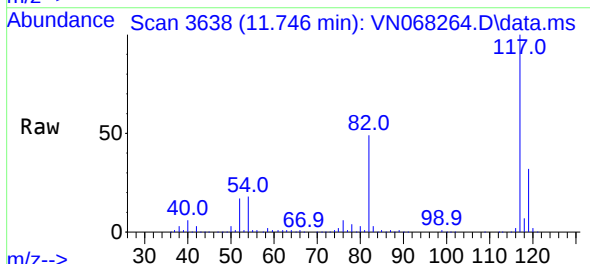
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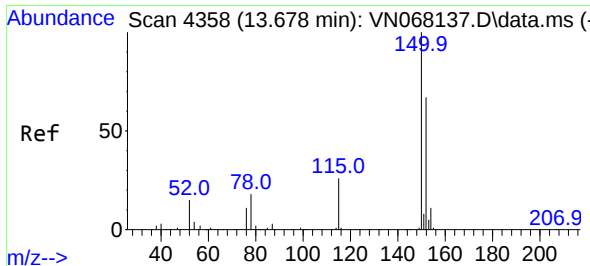
Tgt Ion: 95 Resp: 391510
Ion Ratio Lower Upper
95 100
174 96.9 0.0 122.0
176 92.5 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068264.D
Acq: 23 Aug 2021 13:14

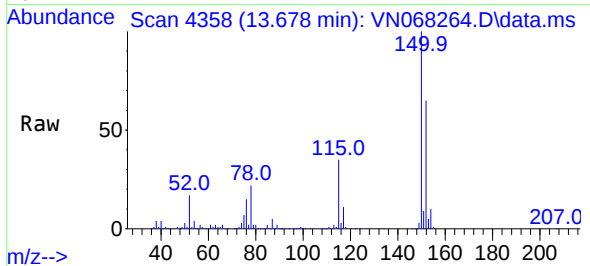
Tgt Ion: 117 Resp: 999658
Ion Ratio Lower Upper
117 100
82 49.5 53.1 79.7#
119 32.5 25.5 38.3



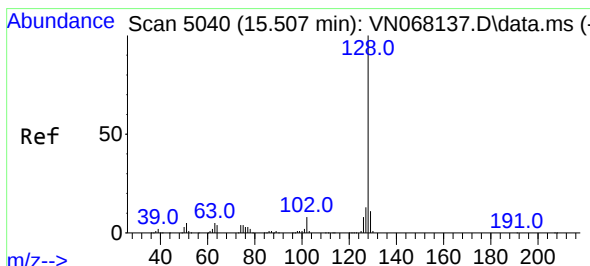
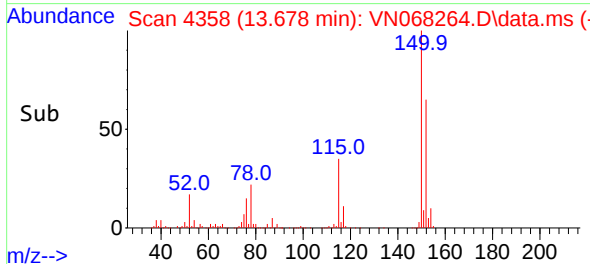
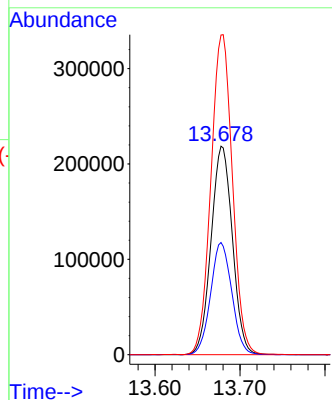


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068264.D
Acq: 23 Aug 2021 13:14

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Tgt Ion:152 Resp: 381895
Ion Ratio Lower Upper
152 100
115 53.4 36.1 108.5
150 154.7 0.0 351.8



#95
Naphthalene
Concen: 4.777 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068264.D
Acq: 23 Aug 2021 13:14

Tgt Ion:128 Resp: 23024
Ion Ratio Lower Upper
128 100
127 14.3 10.6 15.8
129 11.7 8.6 12.8

