

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082321\
 Data File : VN068273.D
 Acq On : 23 Aug 2021 16:58
 Operator : JC/MD
 Sample : PB138622ZHE#05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138622ZHE#05

Quant Time: Aug 24 03:55:03 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)

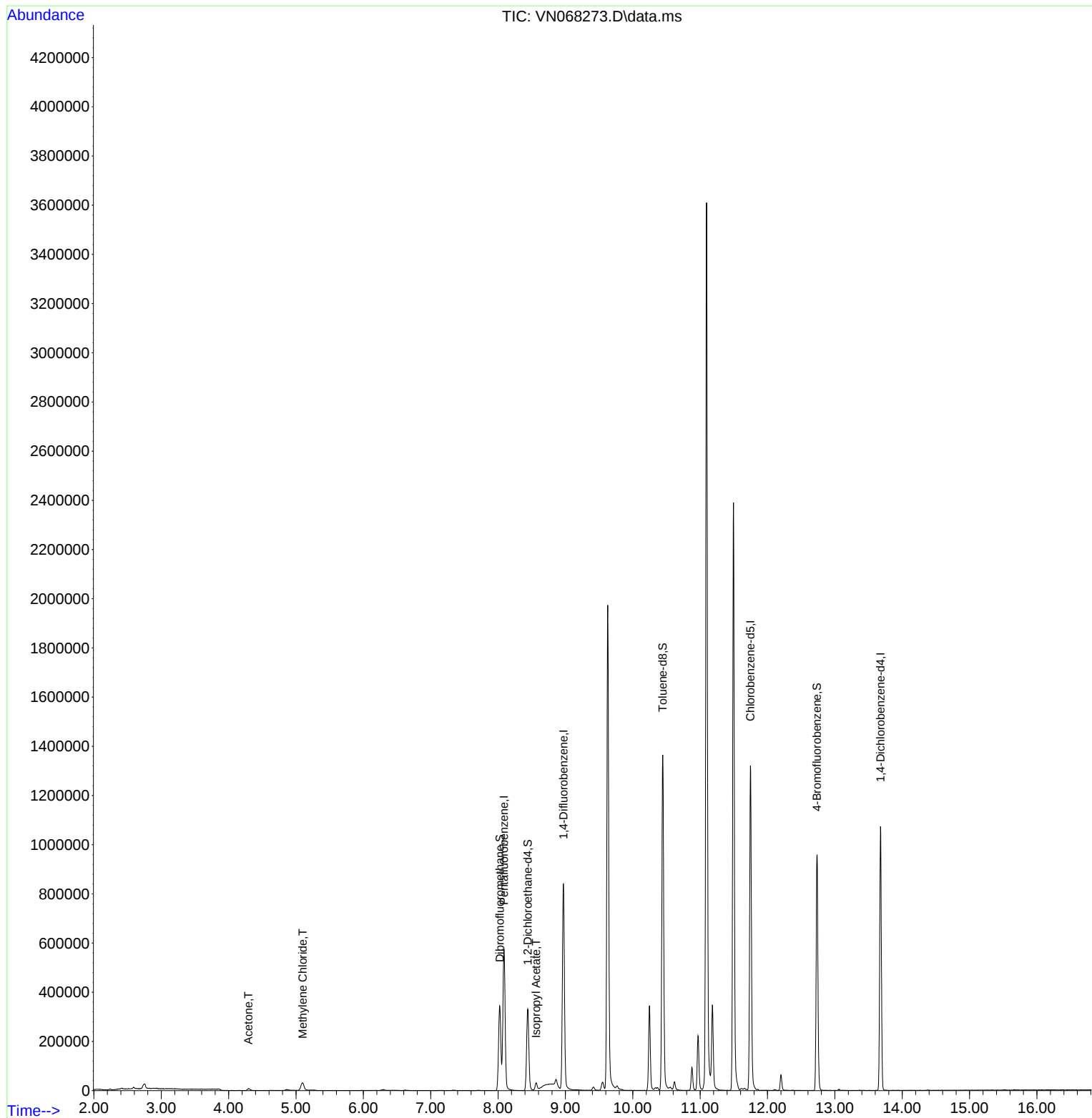
Internal Standards						
1) Pentafluorobenzene	8.088	168	485052	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	817078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	871925	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	318296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	282270	54.503	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 109.000%		
35) Dibromofluoromethane	8.027	113	252031	49.130	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 98.260%		
50) Toluene-d8	10.443	98	1028689	52.628	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 105.260%		
62) 4-Bromofluorobenzene	12.734	95	335266	51.524	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 103.040%		
Target Compounds						Qvalue
16) Acetone	4.293	43	14998	9.919	ug/l	98
20) Methylene Chloride	5.101	84	27142	4.555	ug/l #	78
43) Isopropyl Acetate	8.566	43	36642	4.020	ug/l #	90

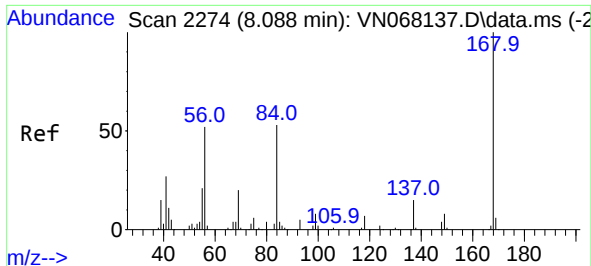
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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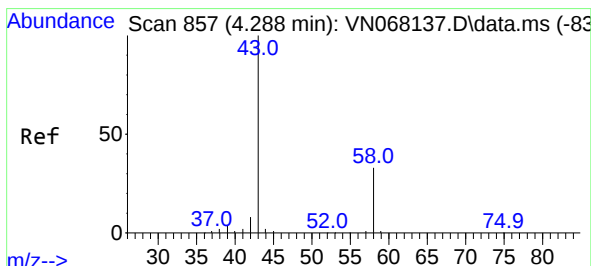
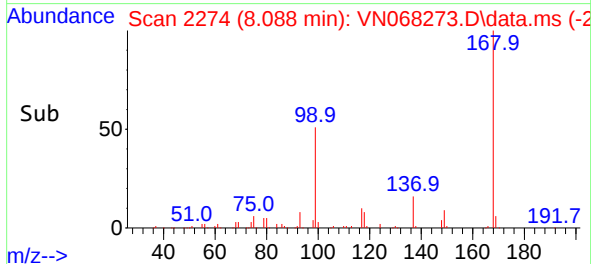
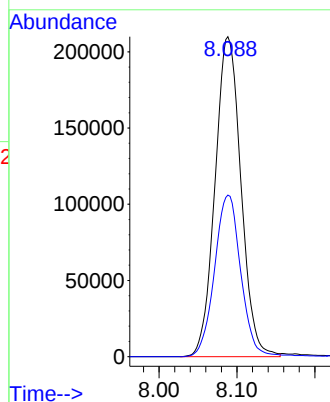
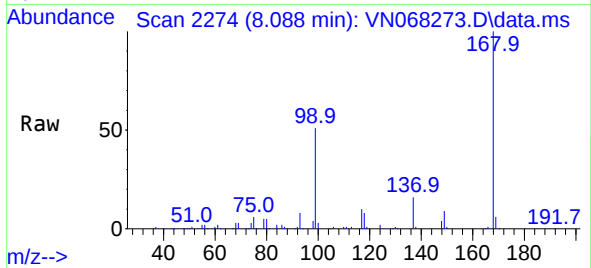




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068273.D
Acq: 23 Aug 2021 16:58

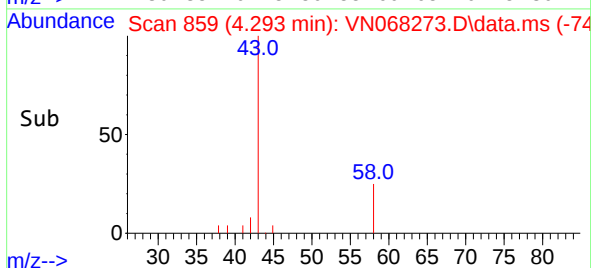
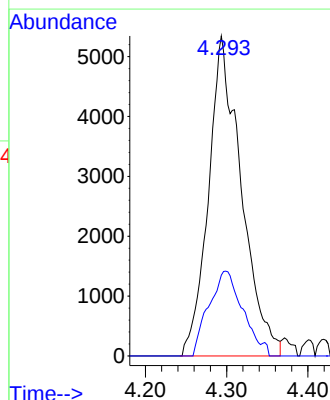
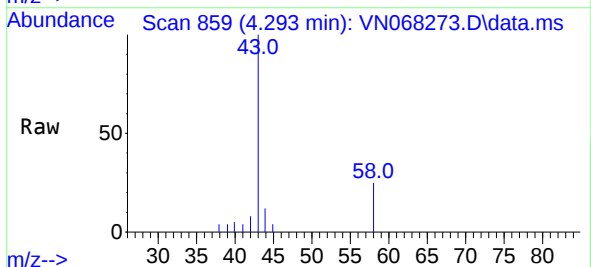
Instrument :
MSVOA_N
ClientSampleId :
PB138622ZHE#05

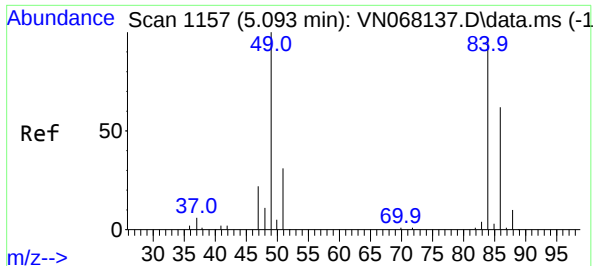
Tgt Ion:168 Resp: 485052
Ion Ratio Lower Upper
168 100
99 50.5 62.9 94.3#



#16
Acetone
Concen: 9.919 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN068273.D
Acq: 23 Aug 2021 16:58

Tgt Ion: 43 Resp: 14998
Ion Ratio Lower Upper
43 100
58 25.3 21.2 31.8



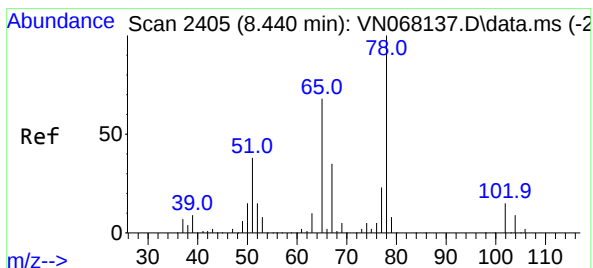
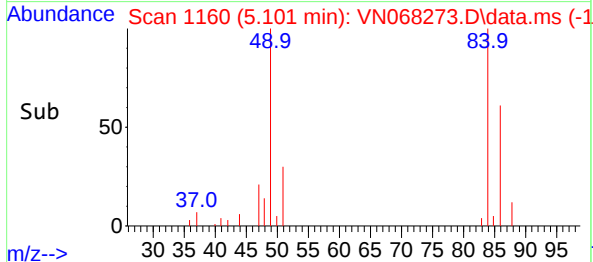
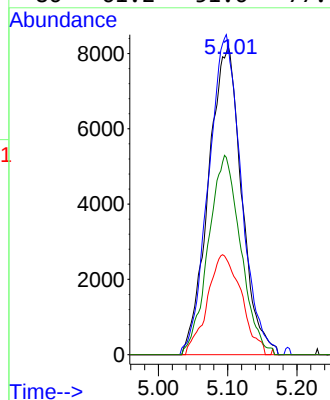
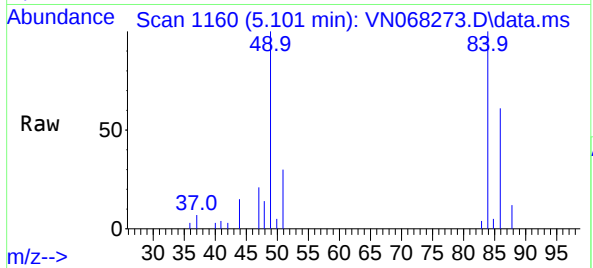


#20
Methylene Chloride
Concen: 4.555 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.008 min
Lab File: VN068273.D
Acq: 23 Aug 2021 16:58

Instrument :
MSVOA_N
ClientSampleId :
PB138622ZHE#05

Tgt Ion: 84 Resp: 27142

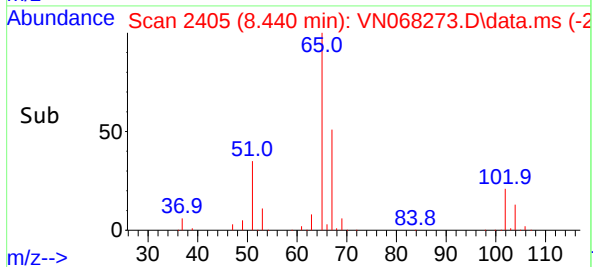
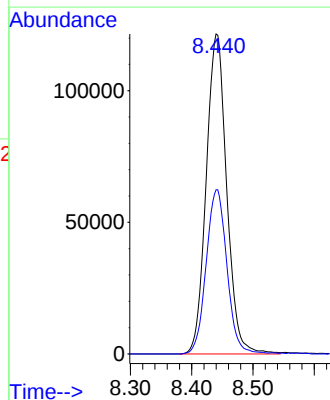
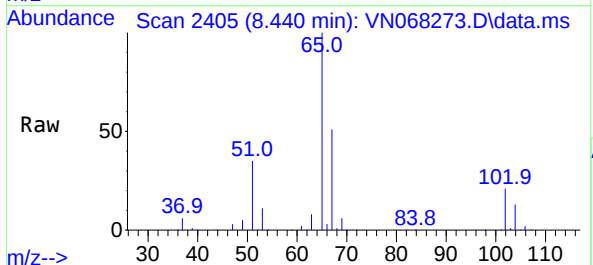
Ion	Ratio	Lower	Upper
84	100		
49	100.3	110.9	166.3#
51	29.9	32.6	49.0#
86	61.2	51.6	77.4

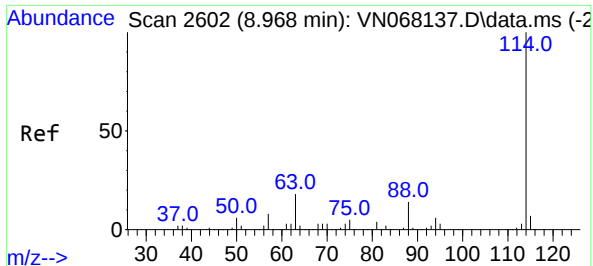


#33
1,2-Dichloroethane-d4
Concen: 54.503 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068273.D
Acq: 23 Aug 2021 16:58

Tgt Ion: 65 Resp: 282270

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	98.6

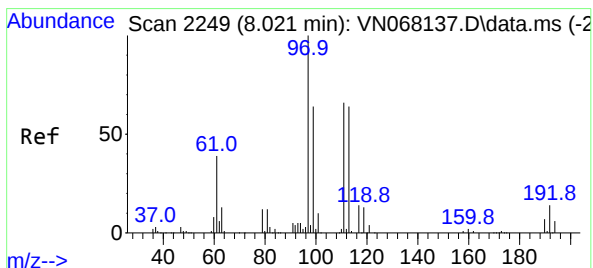
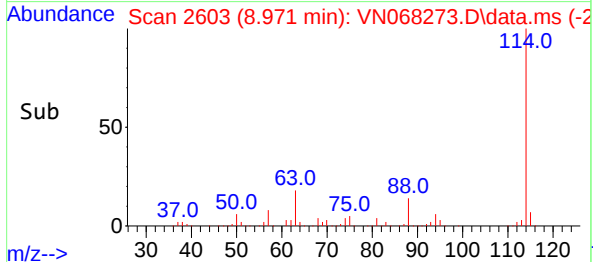
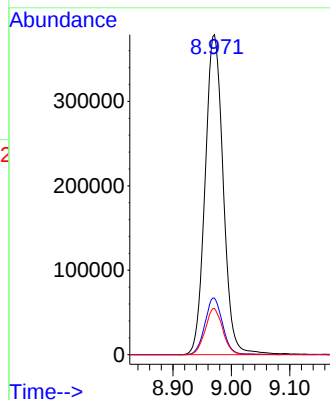
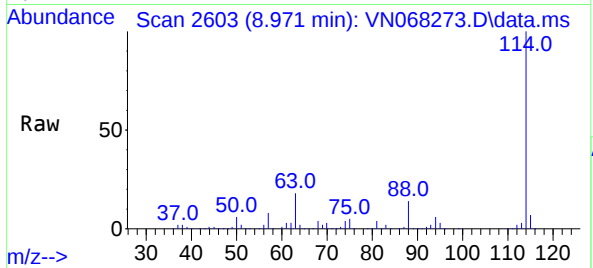




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068273.D
Acq: 23 Aug 2021 16:58

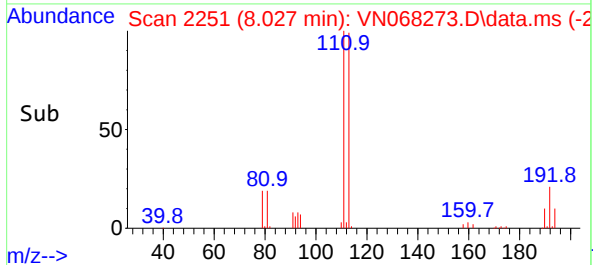
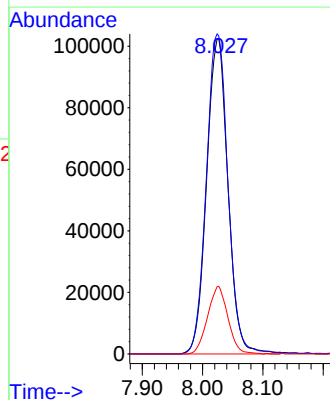
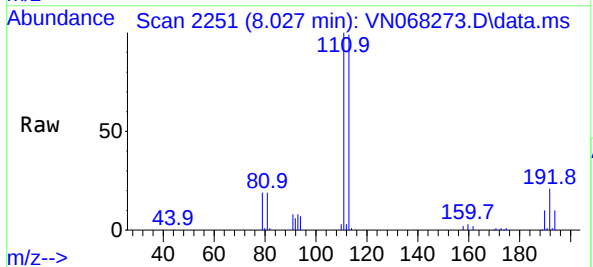
Instrument :
MSVOA_N
ClientSampleId :
PB138622ZHE#05

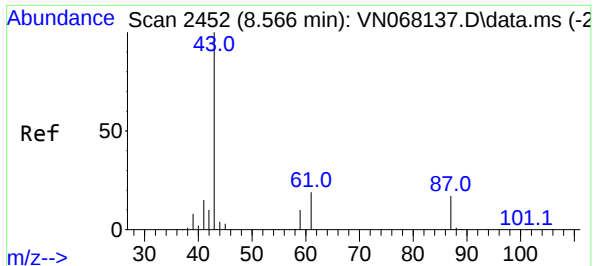
Tgt Ion:114 Resp: 817078
Ion Ratio Lower Upper
114 100
63 17.6 0.0 49.0
88 14.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.130 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.006 min
Lab File: VN068273.D
Acq: 23 Aug 2021 16:58

Tgt Ion:113 Resp: 252031
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.8
192 20.4 13.4 20.0#

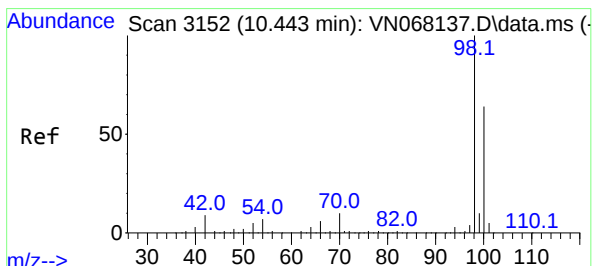
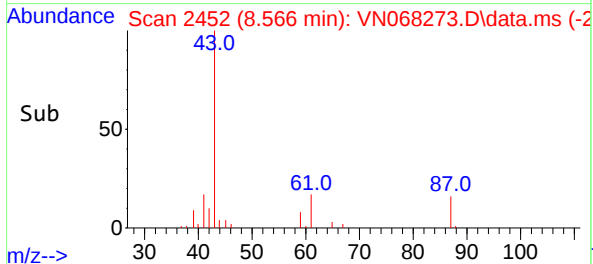
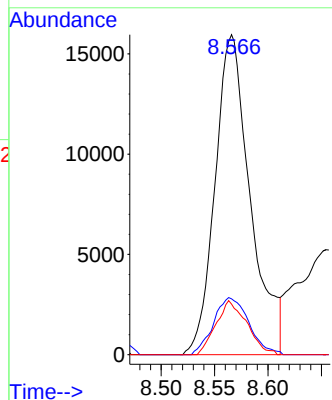
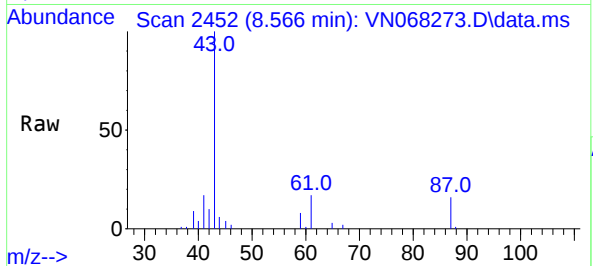




#43
Isopropyl Acetate
Concen: 4.020 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.000 min
Lab File: VN068273.D
Acq: 23 Aug 2021 16:58

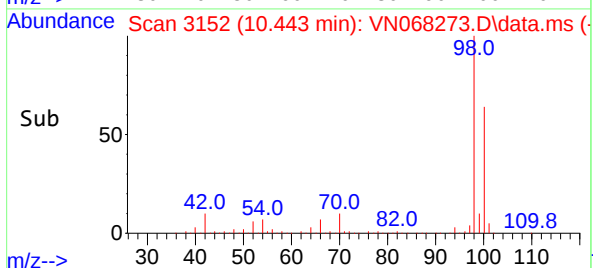
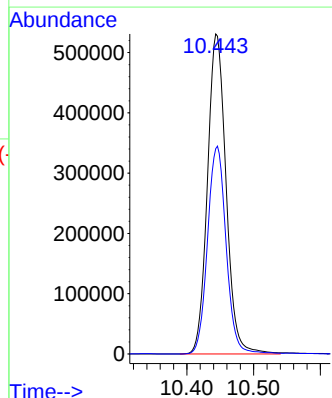
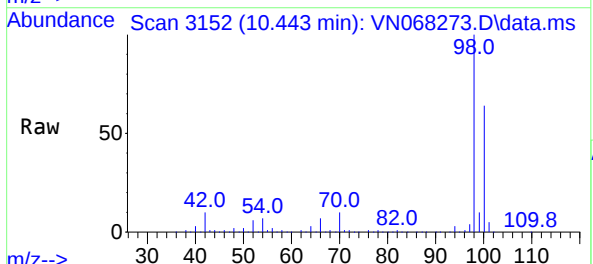
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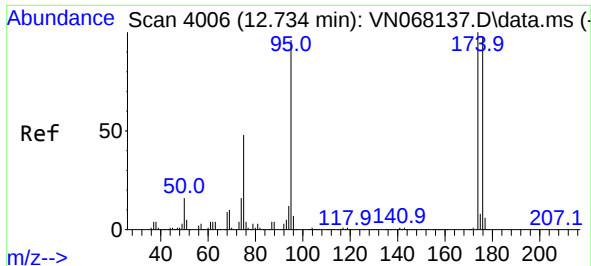
Tgt Ion: 43 Resp: 36642
Ion Ratio Lower Upper
43 100
61 17.9 19.0 28.4#
87 14.8 9.5 14.3#



#50
Toluene-d8
Concen: 52.628 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068273.D
Acq: 23 Aug 2021 16:58

Tgt Ion: 98 Resp: 1028689
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5

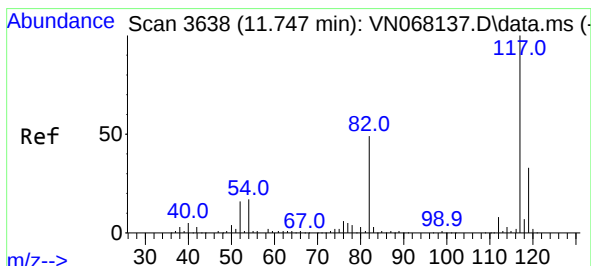
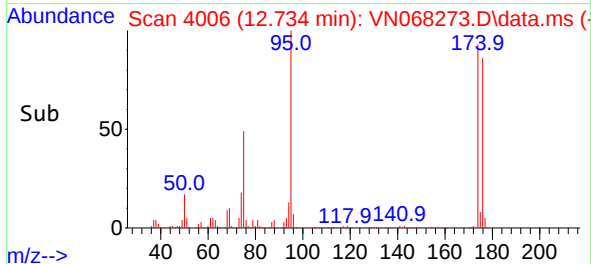
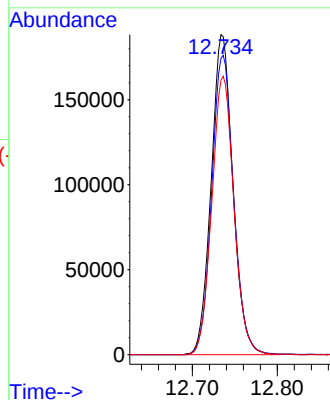
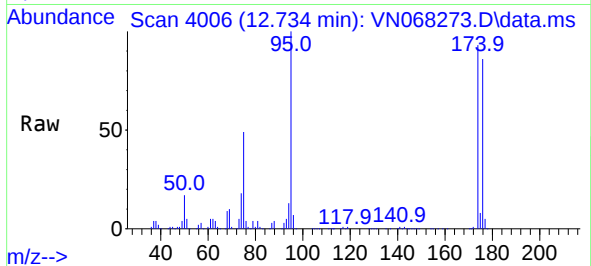




#62
4-Bromofluorobenzene
Concen: 51.524 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068273.D
Acq: 23 Aug 2021 16:58

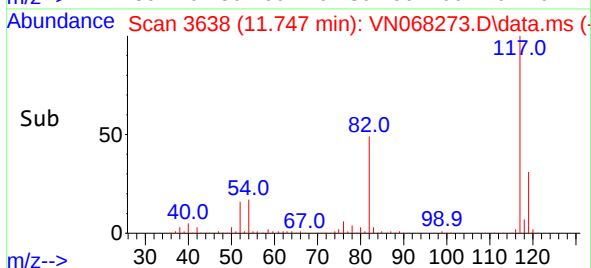
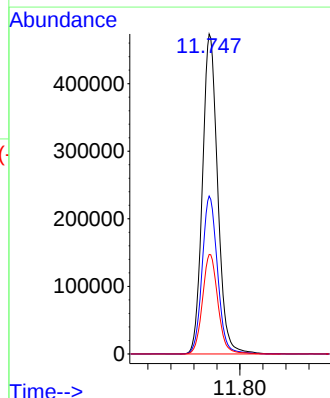
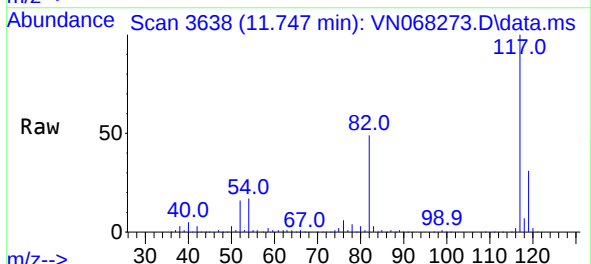
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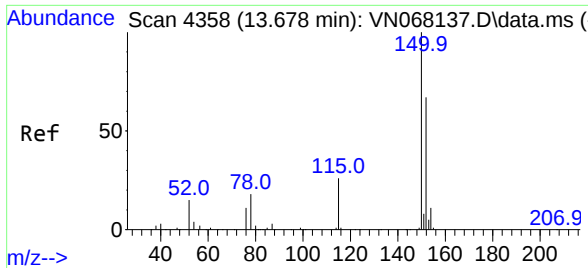
Tgt Ion: 95 Resp: 335266
Ion Ratio Lower Upper
95 100
174 94.5 0.0 122.0
176 88.5 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068273.D
Acq: 23 Aug 2021 16:58

Tgt Ion: 117 Resp: 871925
Ion Ratio Lower Upper
117 100
82 49.3 53.1 79.7#
119 31.1 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: VN068273.D
 Acq: 23 Aug 2021 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138622ZHE#05

Tgt Ion:152 Resp: 318296
 Ion Ratio Lower Upper
 152 100
 115 54.7 36.1 108.5
 150 158.5 0.0 351.8

