

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082021\
 Data File : VN068247.D
 Acq On : 20 Aug 2021 16:02
 Operator : JC/MD
 Sample : PB138586TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138586TB

Manual Integrations
 APPROVED

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Quant Time: Aug 20 23:59:04 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	474956	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	805037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	854816	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	308154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	274082	54.046	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	108.100%	
35) Dibromofluoromethane	8.024	113	245155	48.505	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	97.000%	
50) Toluene-d8	10.443	98	1015118	52.710	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	105.420%	
62) 4-Bromofluorobenzene	12.734	95	322718	50.338	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	100.680%	
Target Compounds						Qvalue
16) Acetone	4.299	43	25289	17.080	ug/l	# 90
20) Methylene Chloride	5.090	84	22455m	3.504	ug/l	
43) Isopropyl Acetate	8.563	43	37378	4.162	ug/l	# 94

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

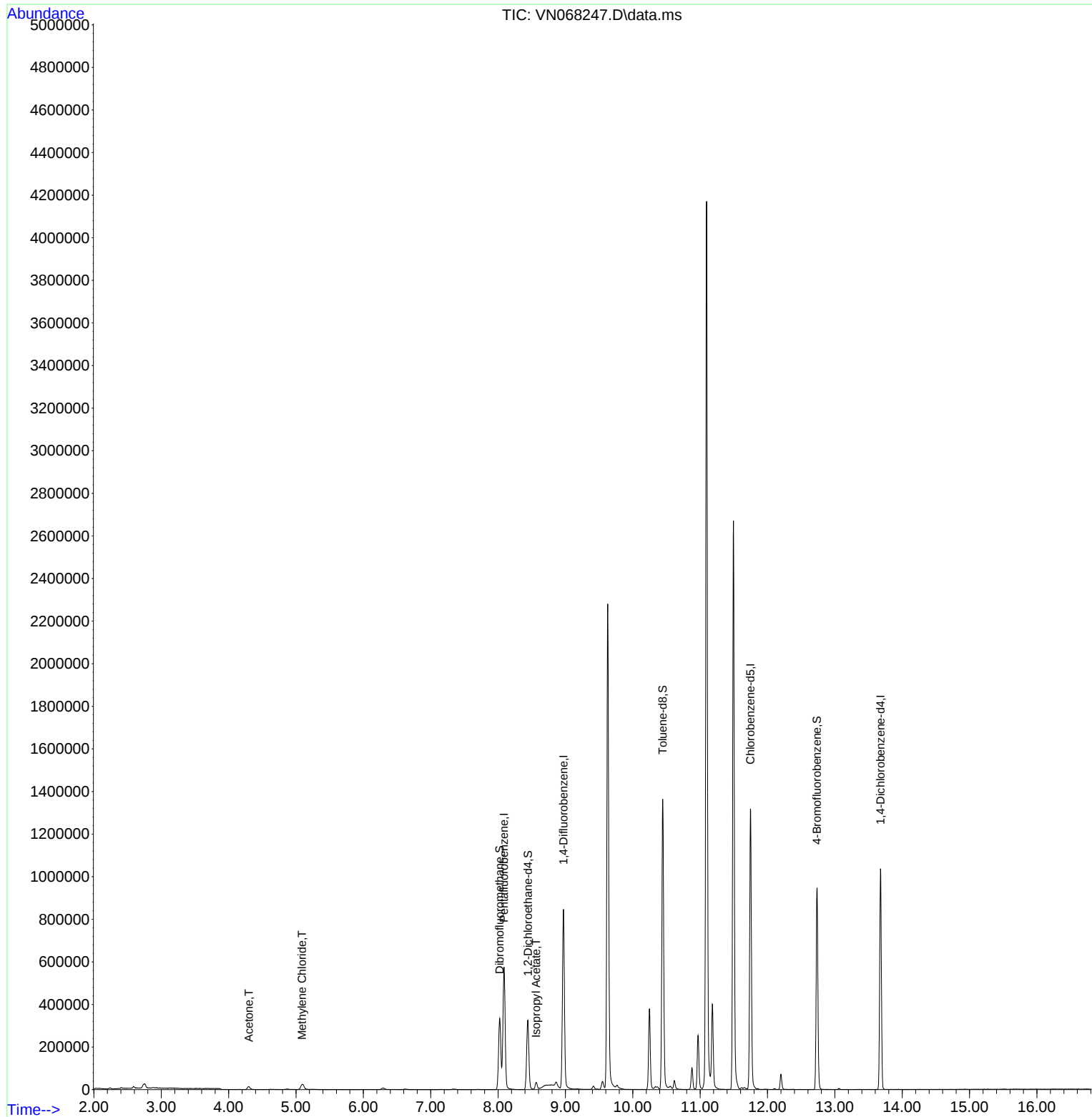
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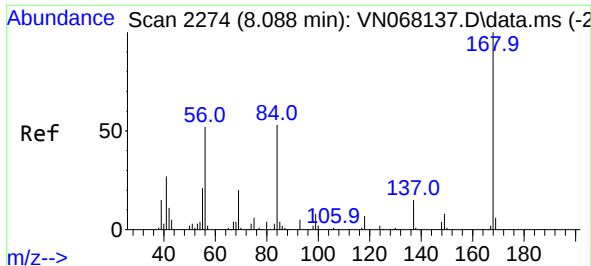
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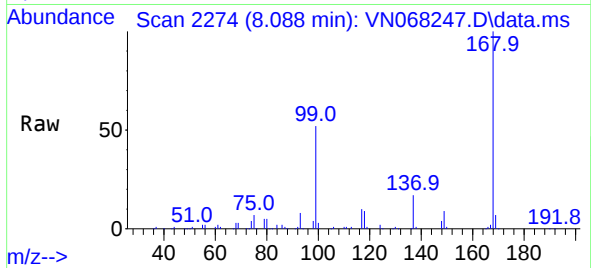
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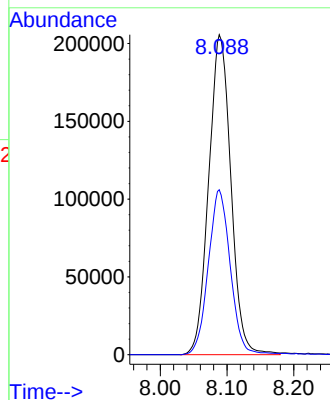
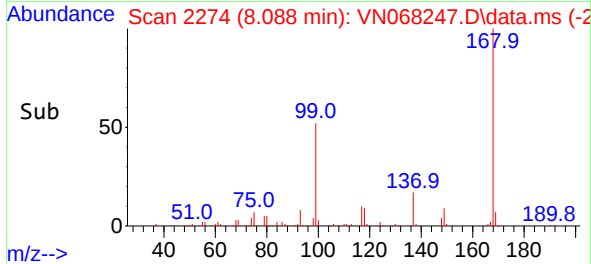




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068247.D
Acq: 20 Aug 2021 16:02



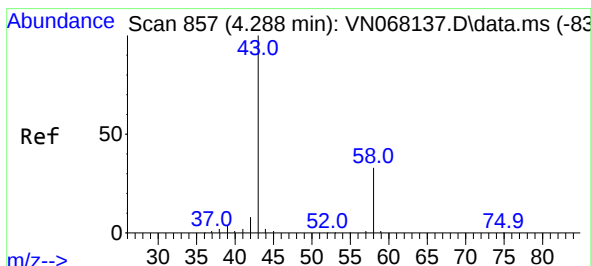
Tgt Ion:168 Resp: 474956
Ion Ratio Lower Upper
168 100
99 51.6 62.9 94.3#



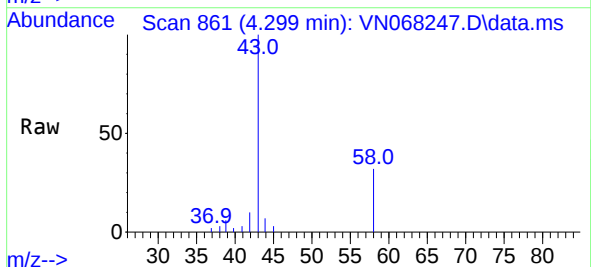
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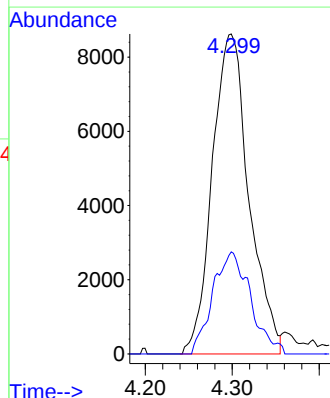
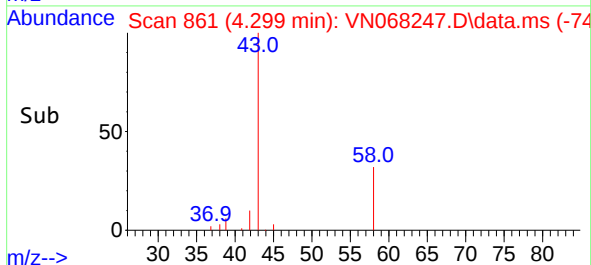
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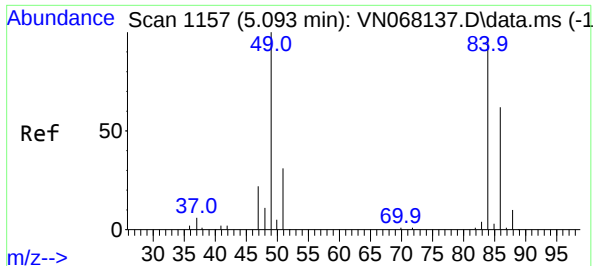


#16
Acetone
Concen: 17.080 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN068247.D
Acq: 20 Aug 2021 16:02

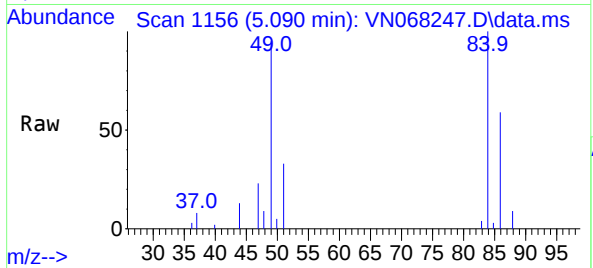


Tgt Ion: 43 Resp: 25289
Ion Ratio Lower Upper
43 100
58 31.9 21.2 31.8#

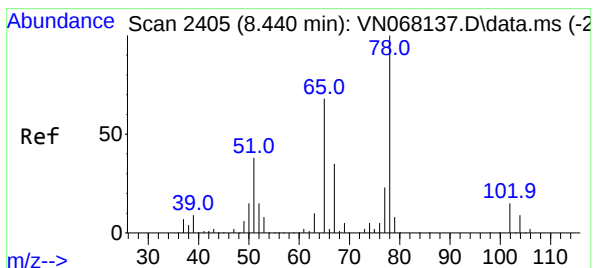
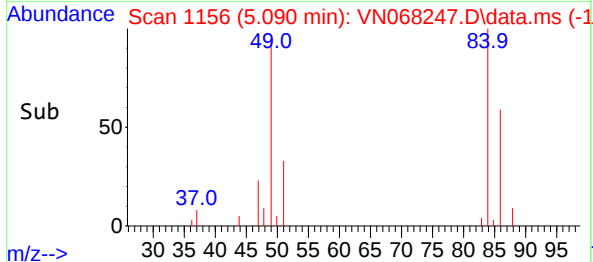
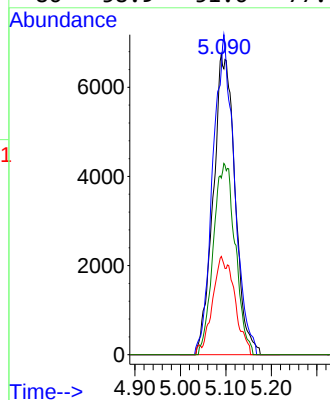




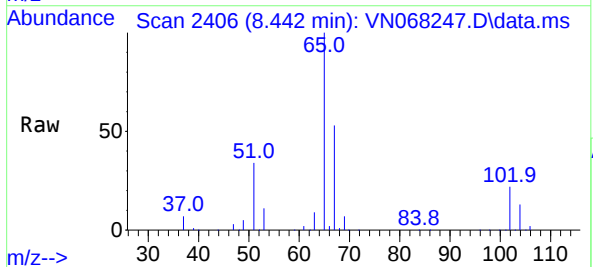
#20
Methylene Chloride
Concen: 3.504 ug/l m
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN068247.D
Acq: 20 Aug 2021 16:02



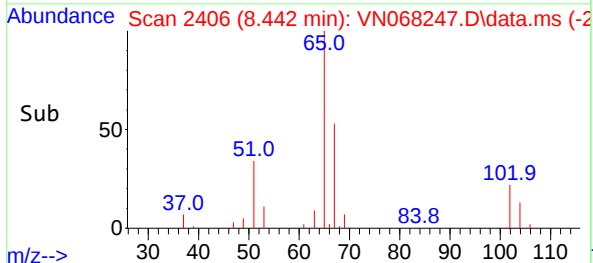
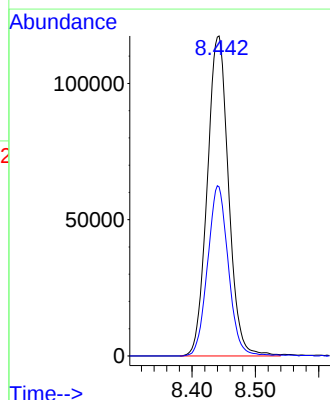
Tgt Ion:	84	Resp:	22455
Ion	Ratio	Lower	Upper
84	100		
49	95.2	110.9	166.3#
51	32.7	32.6	49.0
86	58.9	51.6	77.4



#33
1,2-Dichloroethane-d4
Concen: 54.046 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068247.D
Acq: 20 Aug 2021 16:02



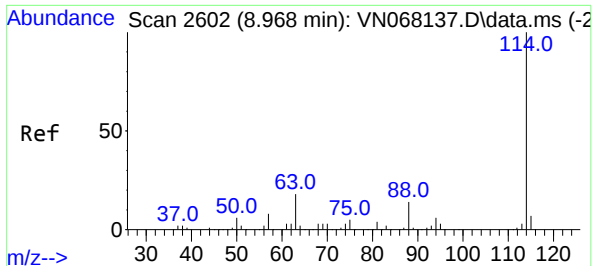
Tgt Ion:	65	Resp:	274082
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	98.6



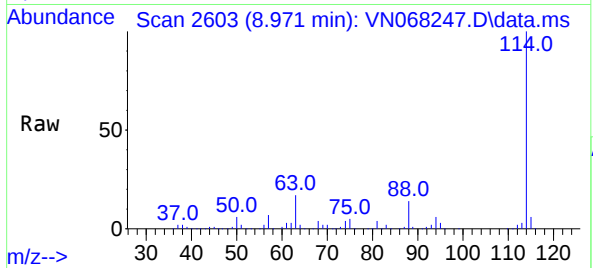
Instrument :
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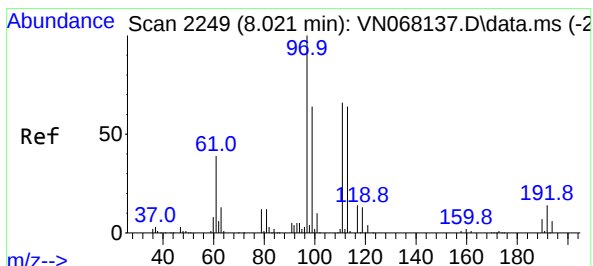
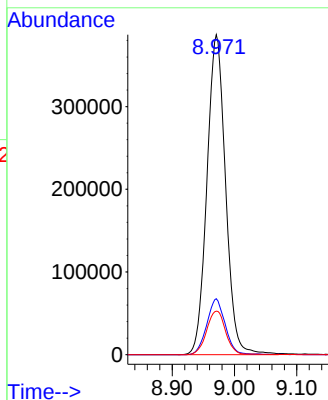
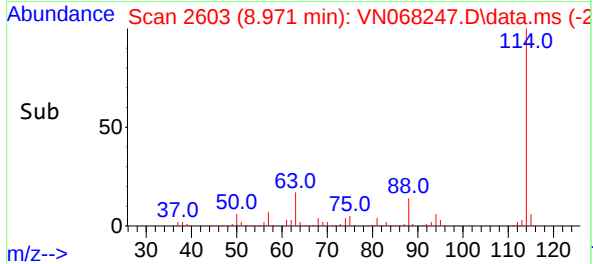
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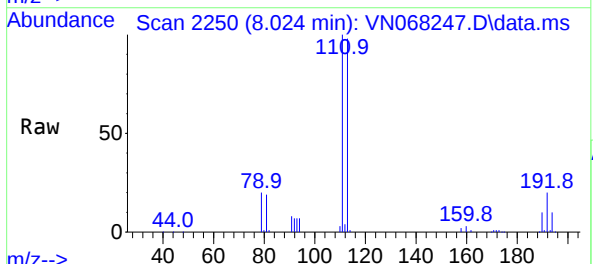
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068247.D
Acq: 20 Aug 2021 16:02



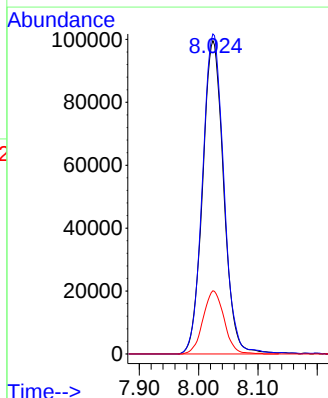
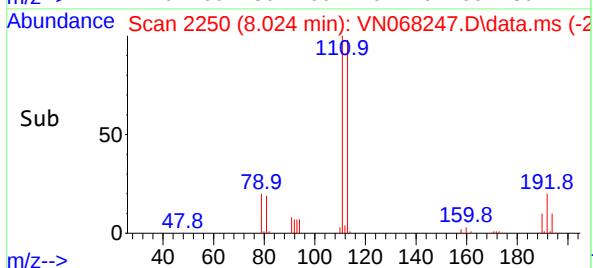
Tgt Ion:114 Resp: 805037
Ion Ratio Lower Upper
114 100
63 17.5 0.0 49.0
88 13.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.505 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068247.D
Acq: 20 Aug 2021 16:02



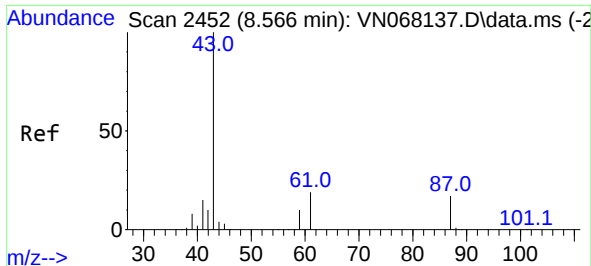
Tgt Ion:113 Resp: 245155
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.8
192 20.1 13.4 20.0#



Instrument :
MSVOA_N
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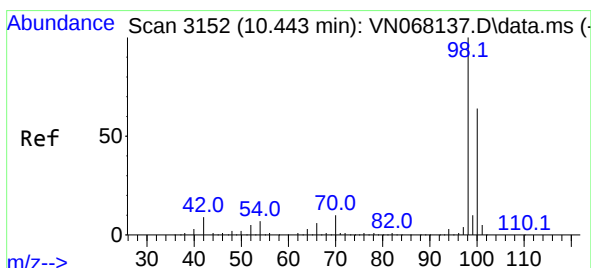
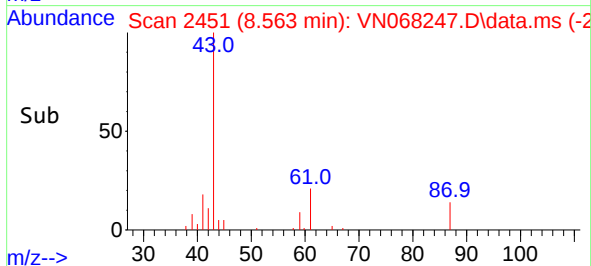
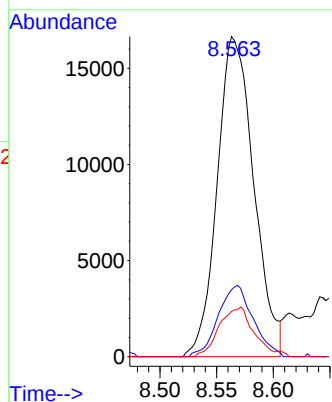
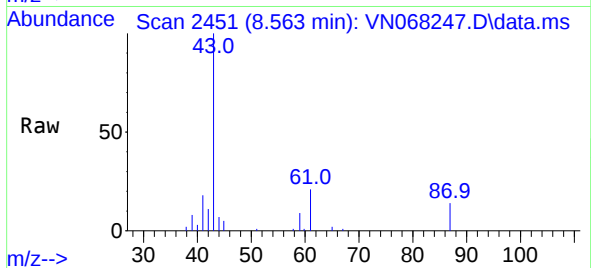
#43
Isopropyl Acetate
Concen: 4.162 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN068247.D
Acq: 20 Aug 2021 16:02

Tgt Ion: 43 Resp: 37378
Ion Ratio Lower Upper
43 100
61 21.2 19.0 28.4
87 14.7 9.5 14.3#

Instrument :
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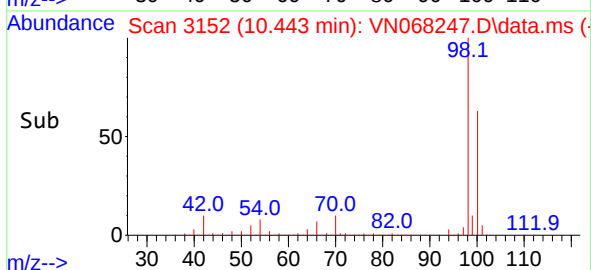
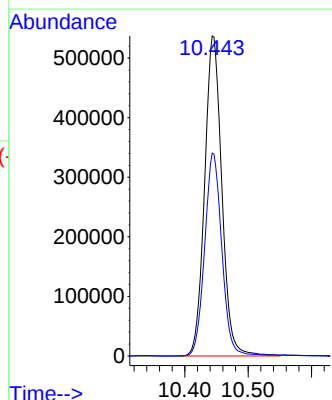
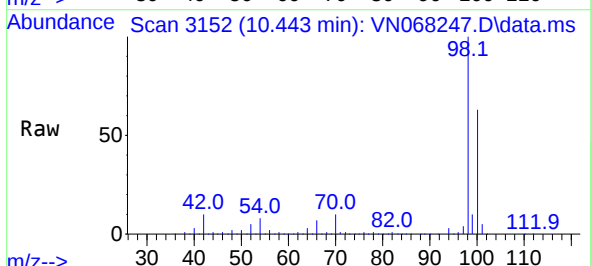
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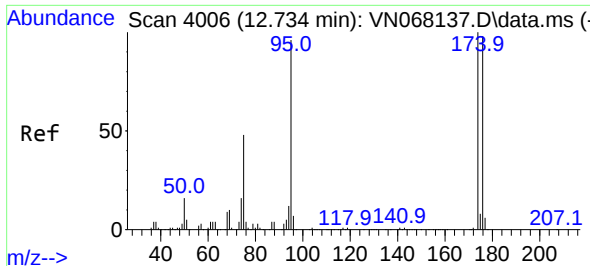
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#50
Toluene-d8
Concen: 52.710 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068247.D
Acq: 20 Aug 2021 16:02

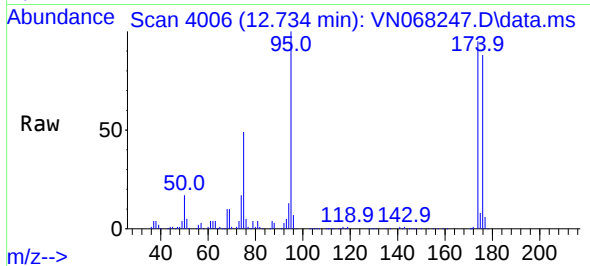
Tgt Ion: 98 Resp: 1015118
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5





#62
4-Bromofluorobenzene
Concen: 50.338 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068247.D
Acq: 20 Aug 2021 16:02

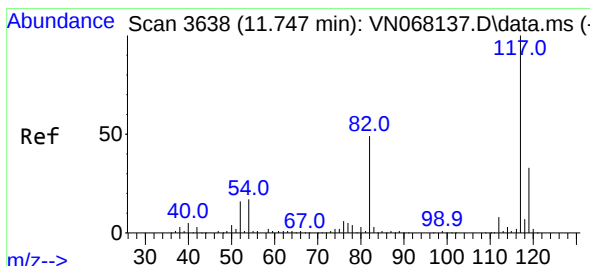
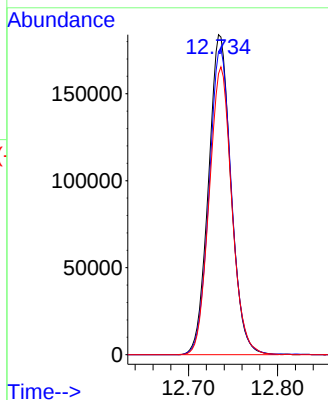
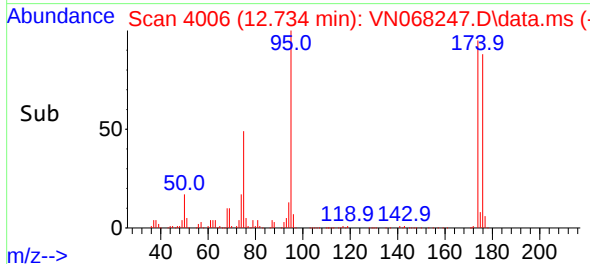
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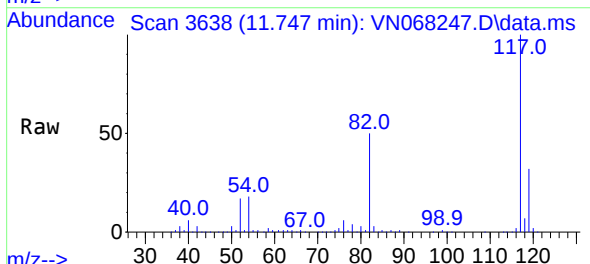
Tgt Ion: 95 Resp: 322718
Ion Ratio Lower Upper
95 100
174 95.5 0.0 122.0
176 90.4 0.0 117.6

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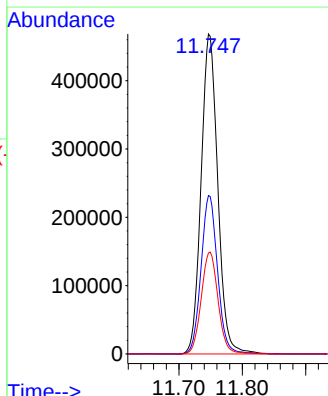
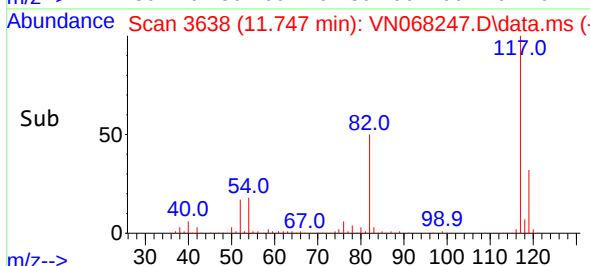
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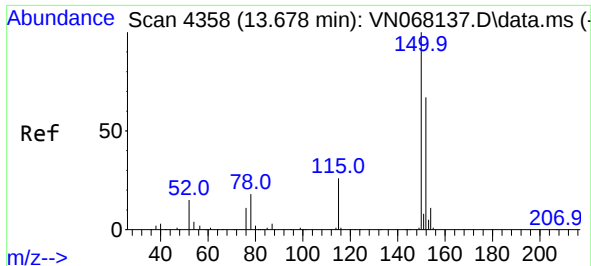


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068247.D
Acq: 20 Aug 2021 16:02



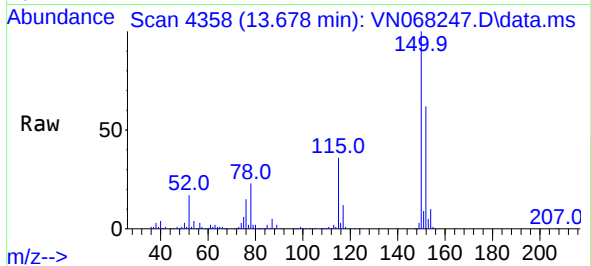
Tgt Ion: 117 Resp: 854816
Ion Ratio Lower Upper
117 100
82 49.5 53.1 79.7#
119 31.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. -0.000 min
 Lab File: VN068247.D
 Acq: 20 Aug 2021 16:02

Instrument :
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Tgt Ion:152 Resp: 308154
 Ion Ratio Lower Upper
 152 100
 115 55.6 36.1 108.5
 150 159.3 0.0 351.8

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