

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081621\
 Data File : VN068111.D
 Acq On : 16 Aug 2021 13:20
 Operator : JC/MD
 Sample : PB138399TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138399TB

Quant Time: Aug 17 07:10:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

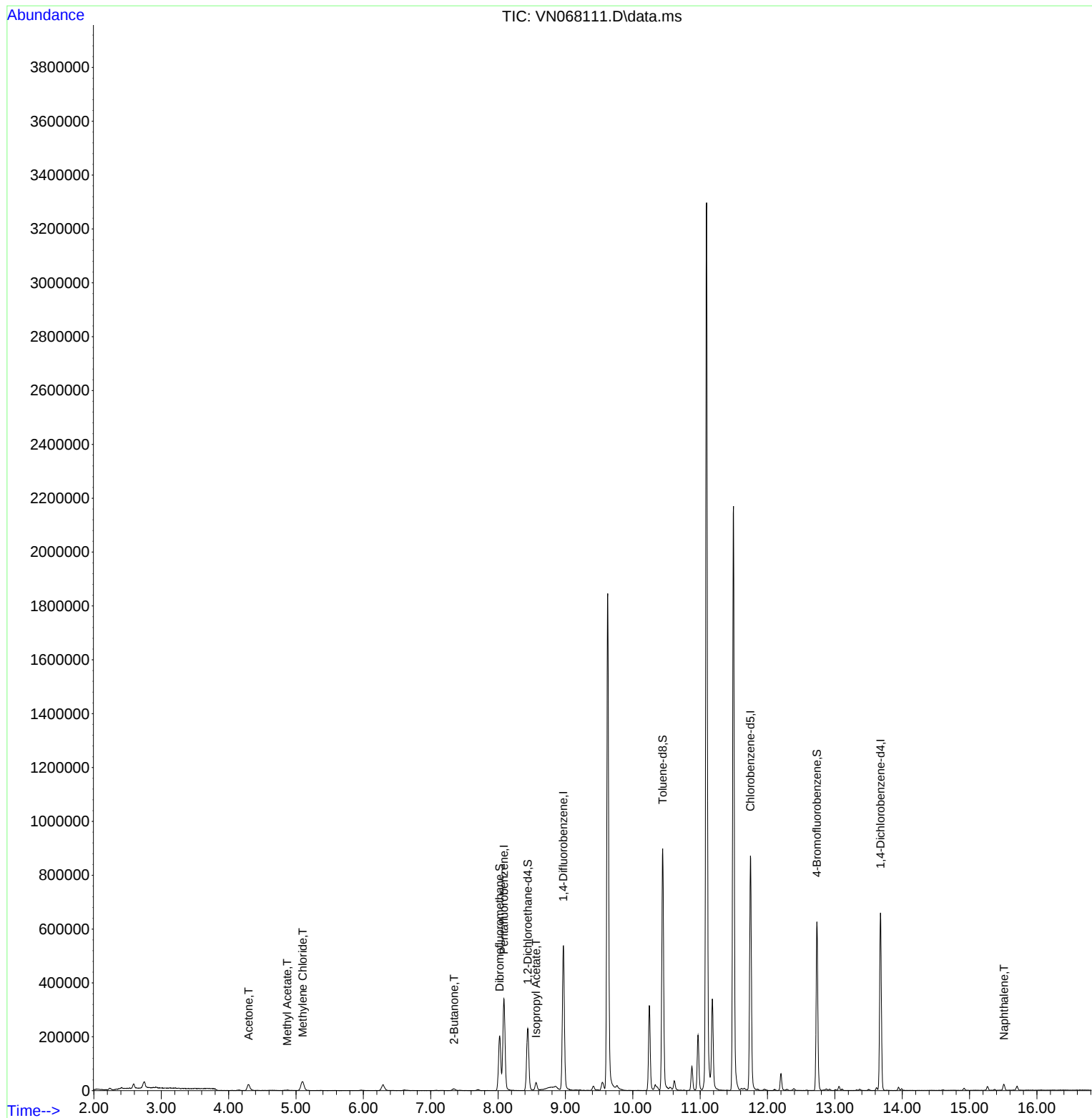
Internal Standards						
1) Pentafluorobenzene	8.086	168	241316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	470362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	506388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	170550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	198968	58.242	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 116.480%	
35) Dibromofluoromethane	8.024	113	149101	54.393	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.780%	
50) Toluene-d8	10.443	98	640186	50.557	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.120%	
62) 4-Bromofluorobenzene	12.734	95	211443	46.094	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.180%	
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	42666	34.229	ug/l	96
18) Methyl Acetate	4.870	43	3761m	1.155	ug/l	
20) Methylene Chloride	5.098	84	26009	8.802	ug/l	85
25) 2-Butanone	7.348	43	9211	5.093	ug/l	95
43) Isopropyl Acetate	8.563	43	33236	4.871	ug/l #	92
95) Naphthalene	15.509	128	20793	5.862	ug/l	98

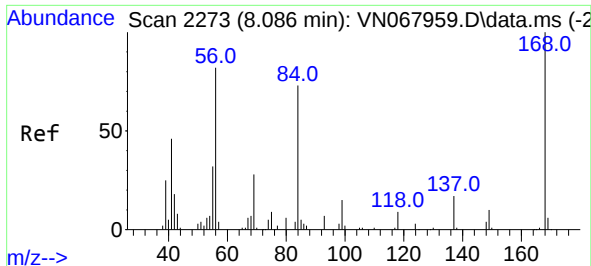
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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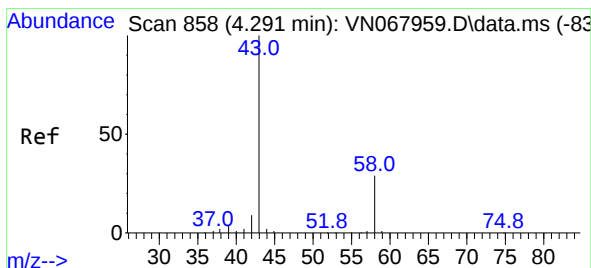
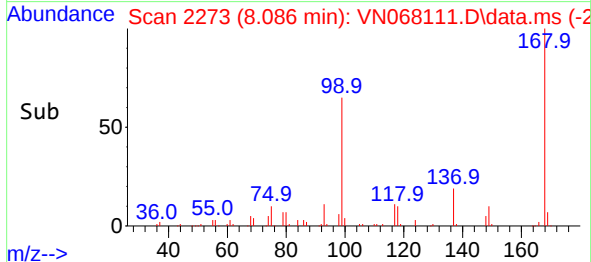
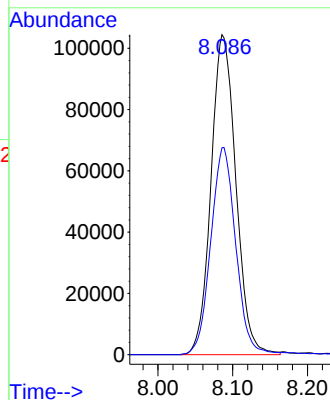
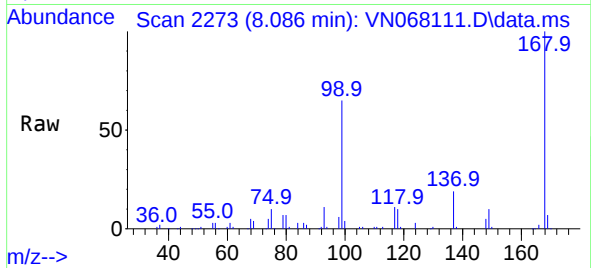




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN068111.D
Acq: 16 Aug 2021 13:20

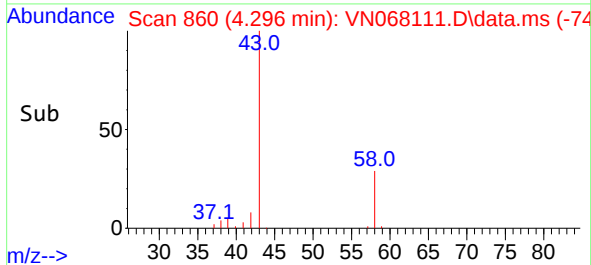
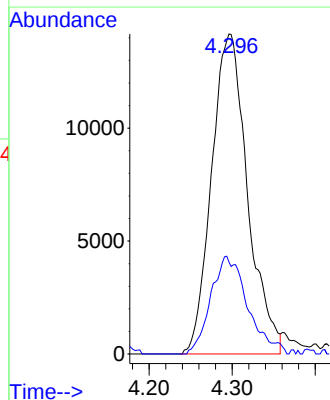
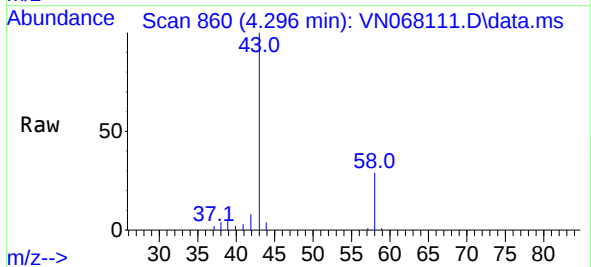
Instrument :
MSVOA_N
ClientSampleId :
PB138399TB

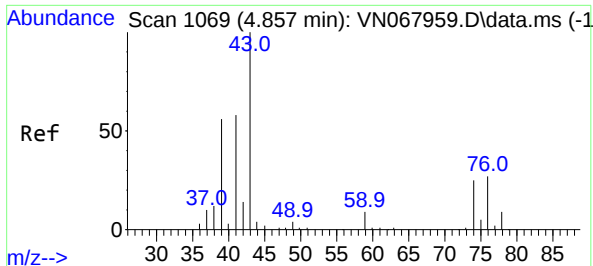
Tgt Ion:168 Resp: 241316
Ion Ratio Lower Upper
168 100
99 64.7 62.9 94.3



#16
Acetone
Concen: 34.229 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN068111.D
Acq: 16 Aug 2021 13:20

Tgt Ion: 43 Resp: 42666
Ion Ratio Lower Upper
43 100
58 28.7 21.2 31.8





#18

Methyl Acetate

Concen: 1.155 ug/l m

RT: 4.870 min Scan# 1074

Delta R.T. 0.013 min

Lab File: VN068111.D

Acq: 16 Aug 2021 13:20

Tgt Ion: 43 Resp: 3761

Ion Ratio Lower Upper

43 100

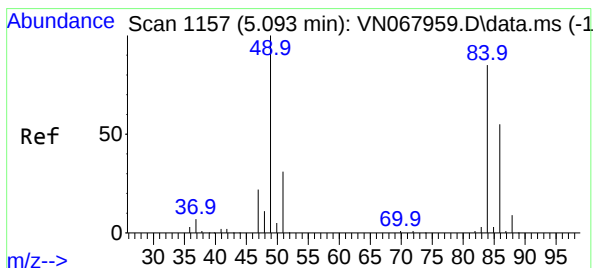
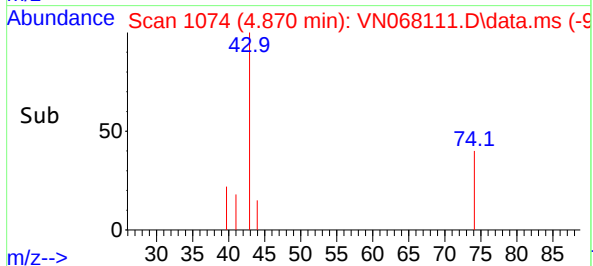
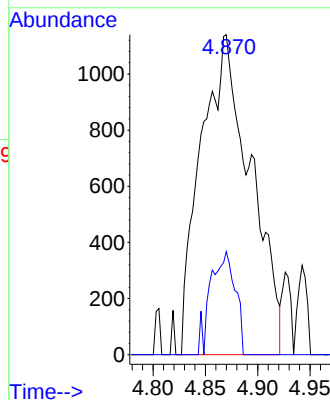
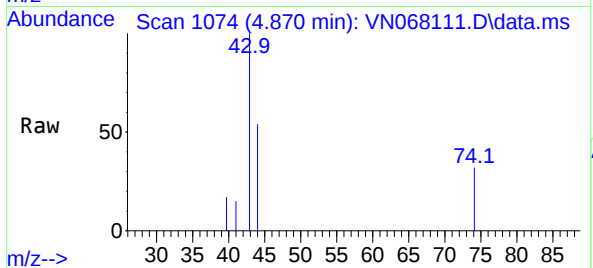
74 0.0 17.4 26.0#

Instrument :

MSVOA_N

ClientSampleId :

PB138399TB



#20

Methylene Chloride

Concen: 8.802 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.005 min

Lab File: VN068111.D

Acq: 16 Aug 2021 13:20

Tgt Ion: 84 Resp: 26009

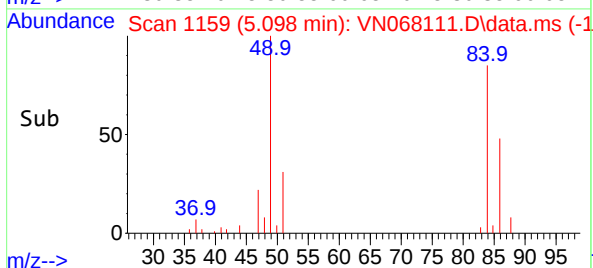
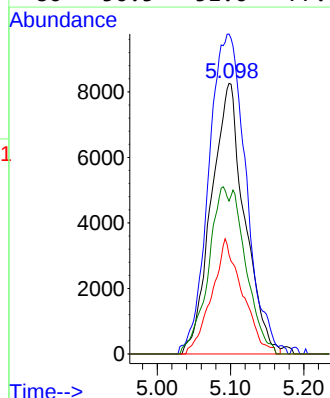
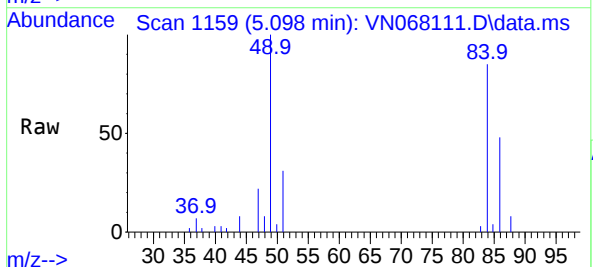
Ion Ratio Lower Upper

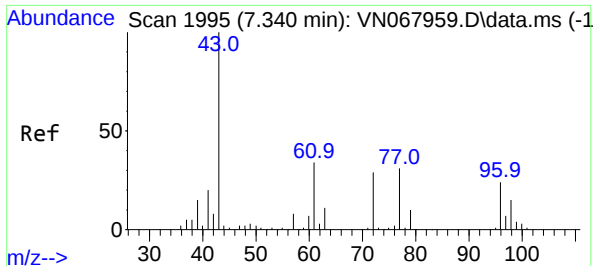
84 100

49 115.5 110.9 166.3

51 36.6 32.6 49.0

86 56.5 51.6 77.4

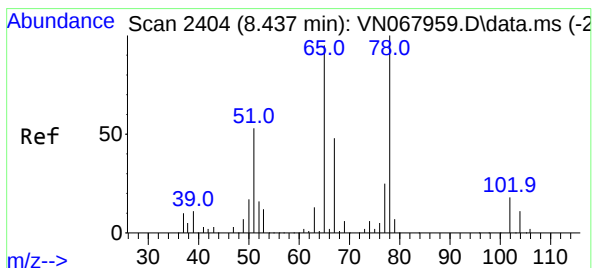
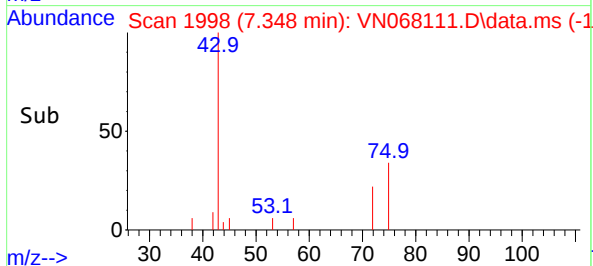
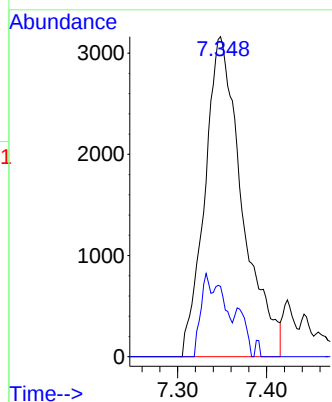
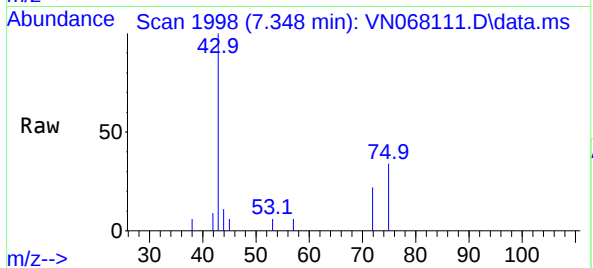




#25
2-Butanone
Concen: 5.093 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.008 min
Lab File: VN068111.D
Acq: 16 Aug 2021 13:20

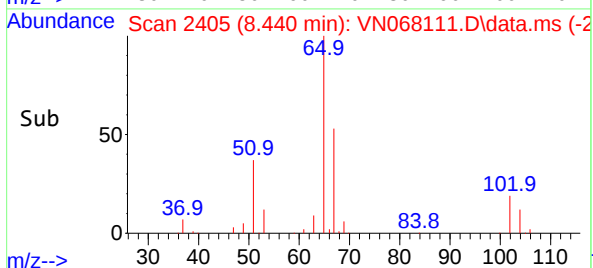
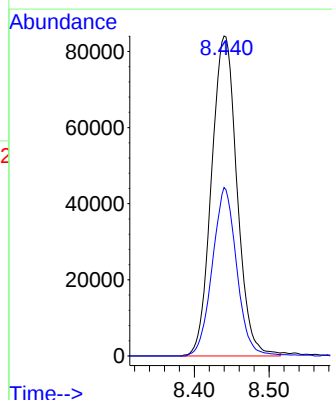
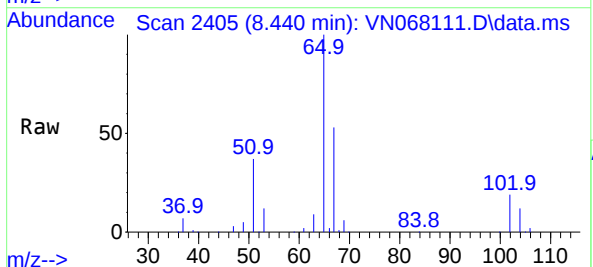
Instrument :
MSVOA_N
ClientSampleId :
PB138399TB

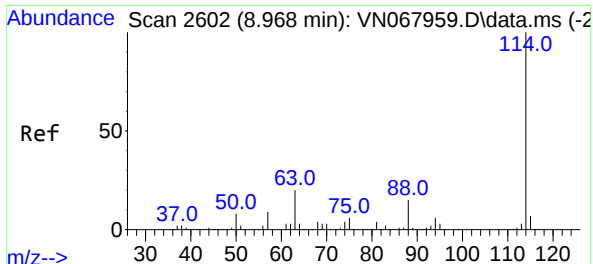
Tgt Ion: 43 Resp: 9211
Ion Ratio Lower Upper
43 100
72 21.9 19.7 29.5



#33
1,2-Dichloroethane-d4
Concen: 58.242 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068111.D
Acq: 16 Aug 2021 13:20

Tgt Ion: 65 Resp: 198968
Ion Ratio Lower Upper
65 100
67 50.3 0.0 98.6

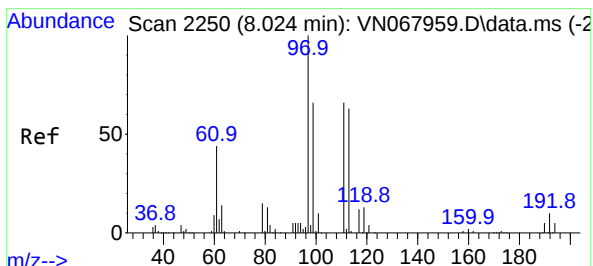
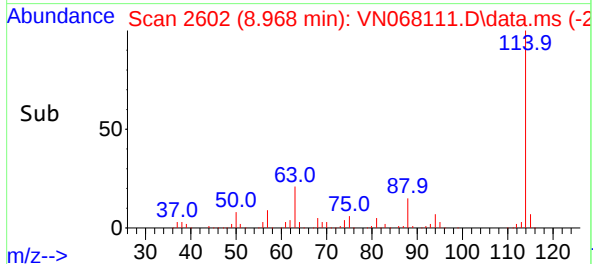
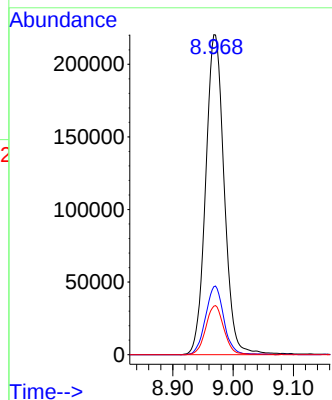
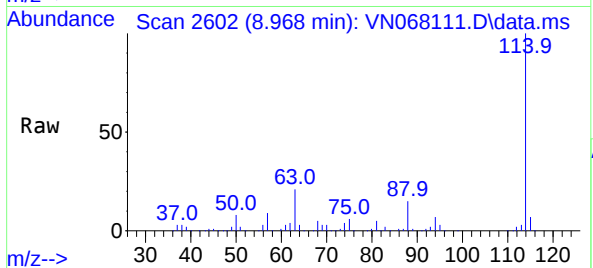




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068111.D
Acq: 16 Aug 2021 13:20

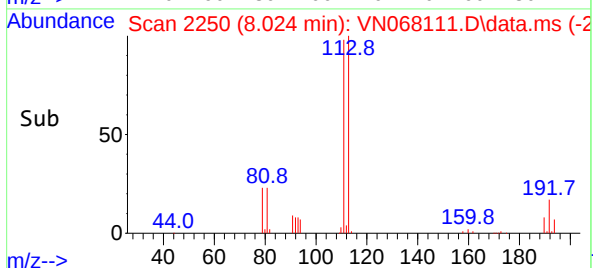
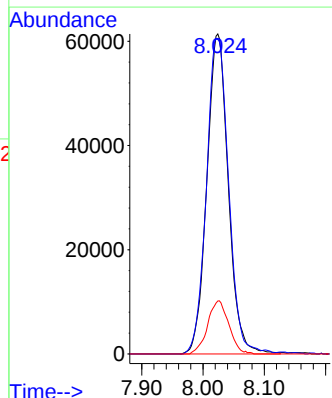
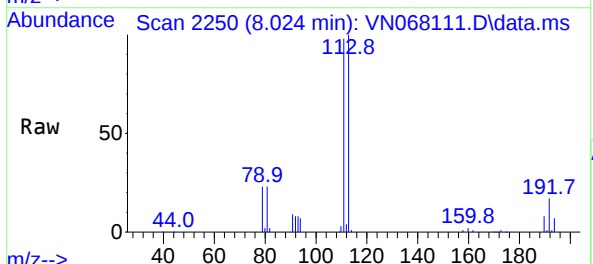
Instrument :
MSVOA_N
ClientSampleId :
PB138399TB

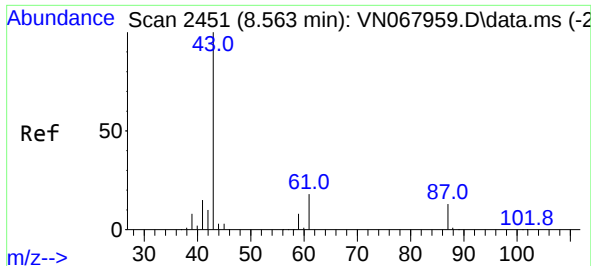
Tgt Ion:114 Resp: 470362
Ion Ratio Lower Upper
114 100
63 21.3 0.0 49.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 54.393 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068111.D
Acq: 16 Aug 2021 13:20

Tgt Ion:113 Resp: 149101
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.8
192 16.4 13.4 20.0

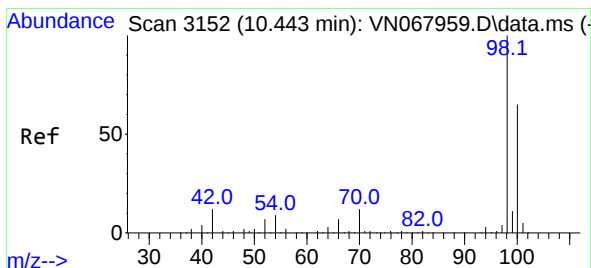
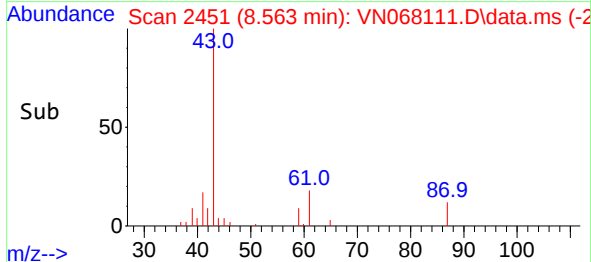
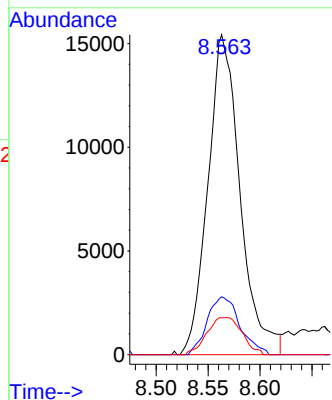
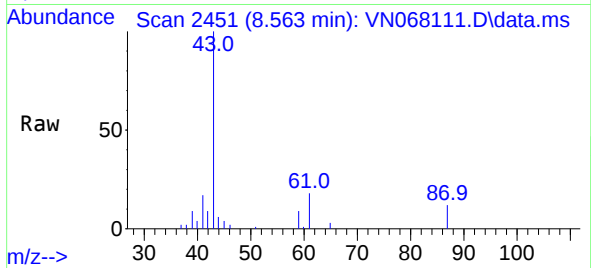




#43
Isopropyl Acetate
Concen: 4.871 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN068111.D
Acq: 16 Aug 2021 13:20

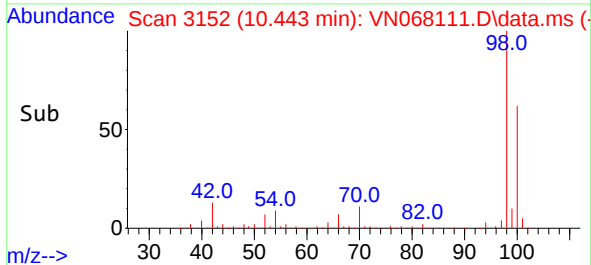
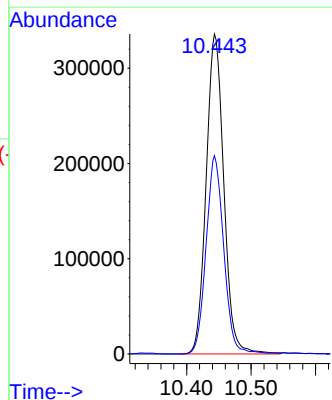
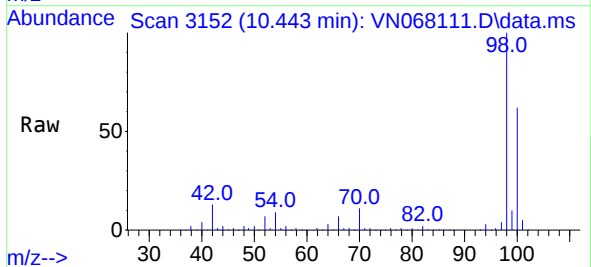
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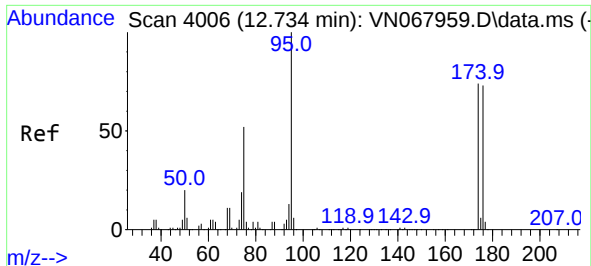
Tgt Ion: 43 Resp: 33236
Ion Ratio Lower Upper
43 100
61 18.4 19.0 28.4#
87 12.7 9.5 14.3



#50
Toluene-d8
Concen: 50.557 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068111.D
Acq: 16 Aug 2021 13:20

Tgt Ion: 98 Resp: 640186
Ion Ratio Lower Upper
98 100
100 62.2 51.7 77.5

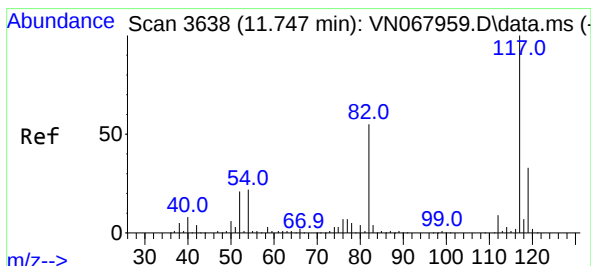
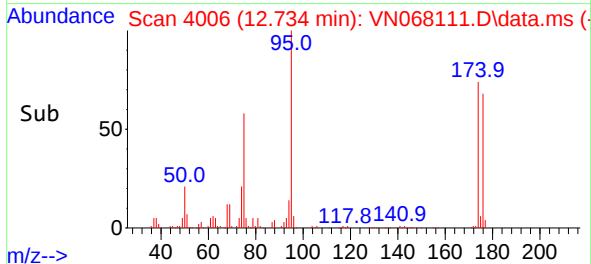
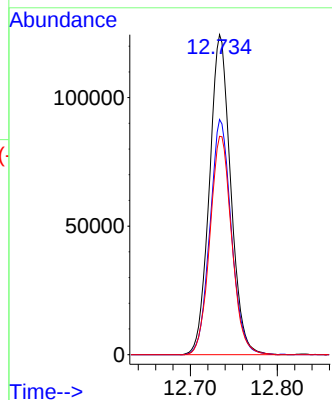
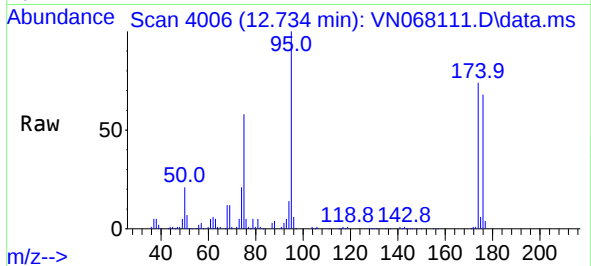




#62
4-Bromofluorobenzene
Concen: 46.094 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068111.D
Acq: 16 Aug 2021 13:20

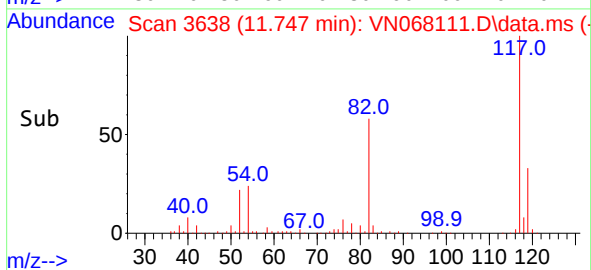
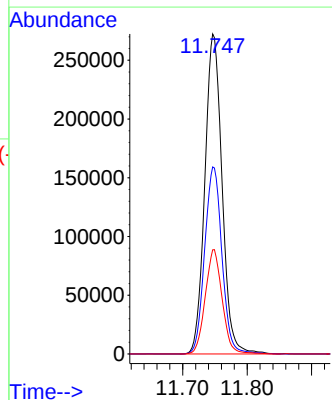
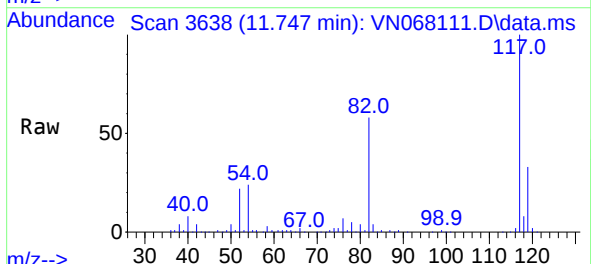
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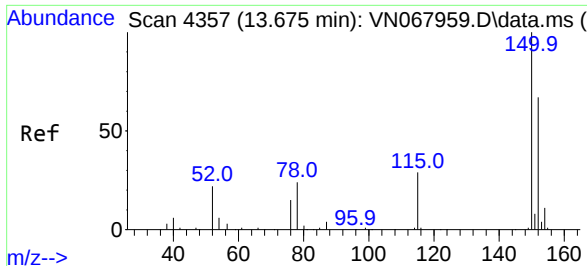
Tgt Ion: 95 Resp: 211443
Ion Ratio Lower Upper
95 100
174 74.1 0.0 122.0
176 69.9 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068111.D
Acq: 16 Aug 2021 13:20

Tgt Ion: 117 Resp: 506388
Ion Ratio Lower Upper
117 100
82 58.5 53.1 79.7
119 32.6 25.5 38.3

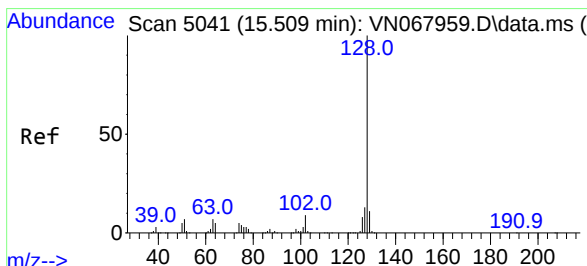
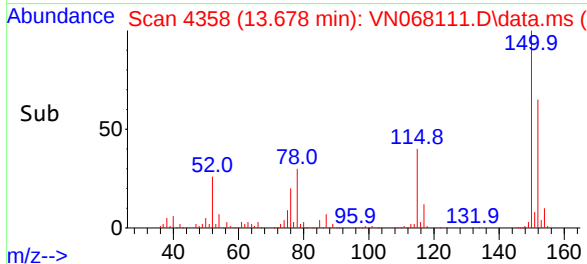
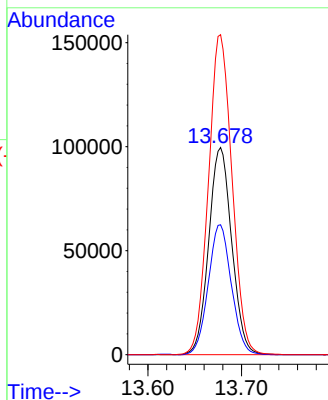
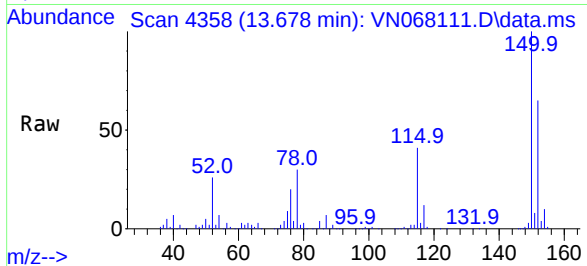




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068111.D
Acq: 16 Aug 2021 13:20

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 170550
Ion Ratio Lower Upper
152 100
115 62.8 36.1 108.5
150 157.8 0.0 351.8



#95
Naphthalene
Concen: 5.862 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068111.D
Acq: 16 Aug 2021 13:20

Tgt Ion:128 Resp: 20793
Ion Ratio Lower Upper
128 100
127 14.0 10.6 15.8
129 11.2 8.6 12.8

