

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
 Data File : VN068027.D
 Acq On : 5 Aug 2021 19:47
 Operator : JC/MD
 Sample : PB138199TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138199TB

Quant Time: Aug 06 01:26:23 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)

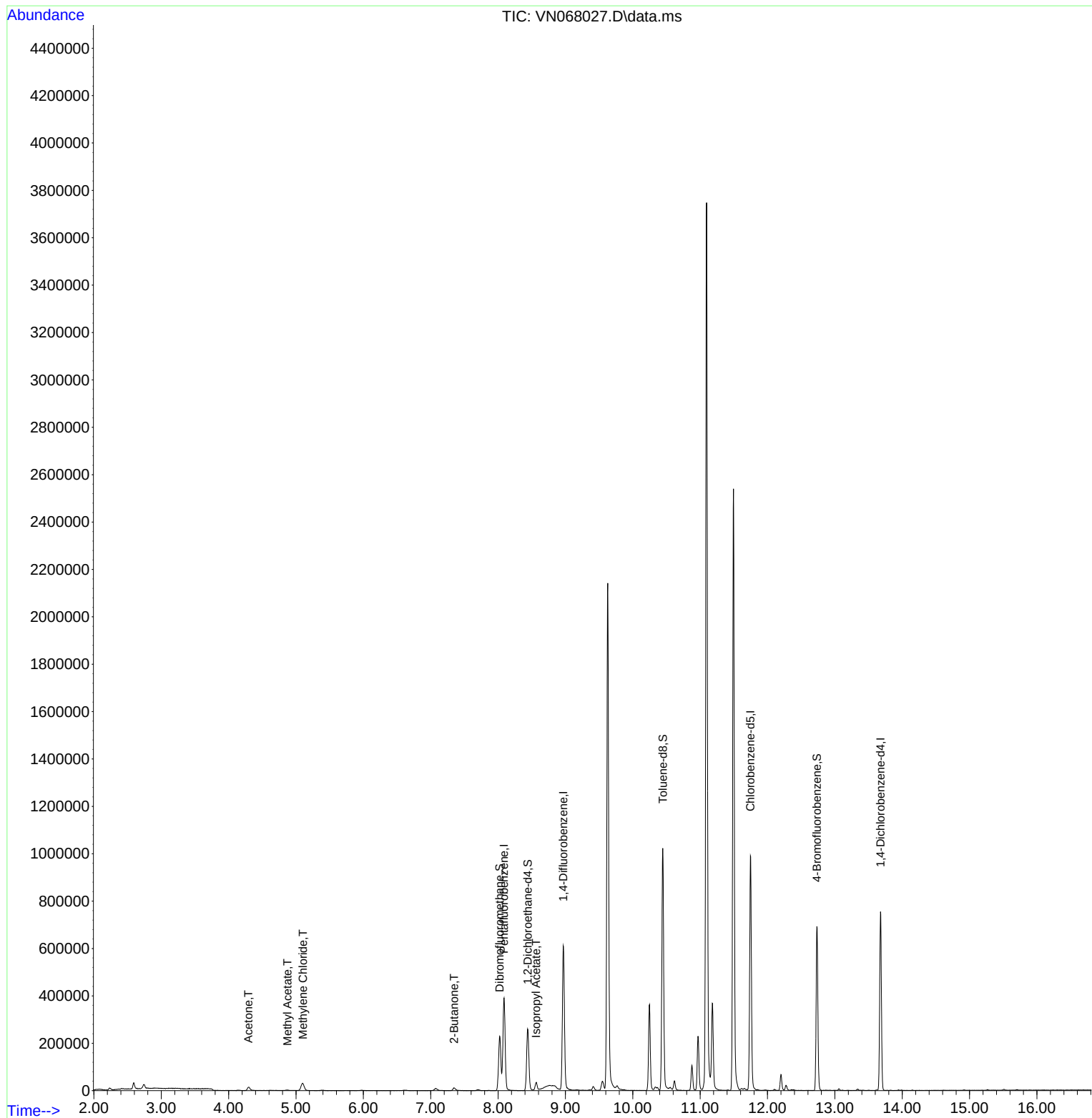
Internal Standards						
1) Pentafluorobenzene	8.088	168	281388	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	547666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	582085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	202704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	219689	55.149	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.300%
35) Dibromofluoromethane	8.024	113	170821	53.520	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.040%
50) Toluene-d8	10.446	98	720213	48.980	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.960%
62) 4-Bromofluorobenzene	12.733	95	249192	46.595	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.180%
Target Compounds						
						Qvalue
16) Acetone	4.293	43	26756	18.408	ug/l	93
18) Methyl Acetate	4.873	43	4216	1.106	ug/l	# 81
20) Methylene Chloride	5.103	84	25170	7.256	ug/l	88
25) 2-Butanone	7.345	43	20735	9.833	ug/l	98
43) Isopropyl Acetate	8.566	43	37557	4.727	ug/l	93

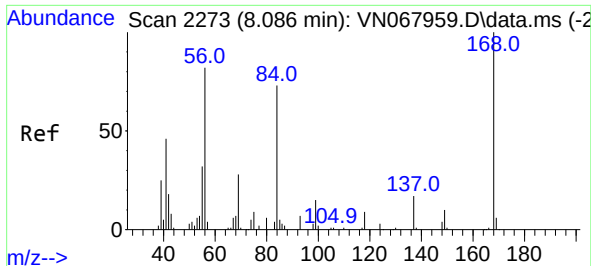
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

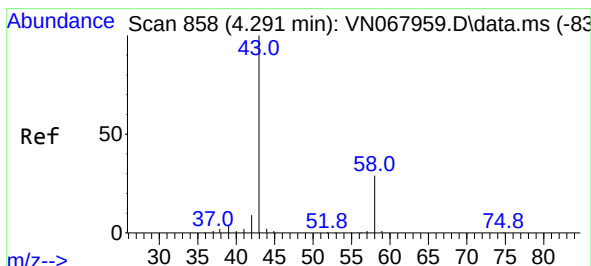
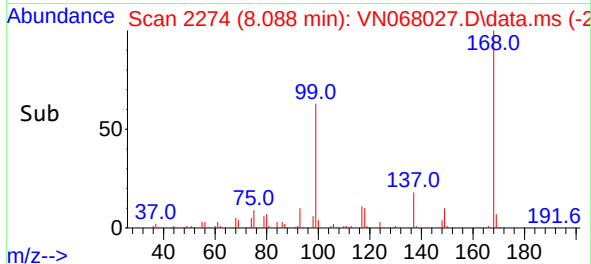
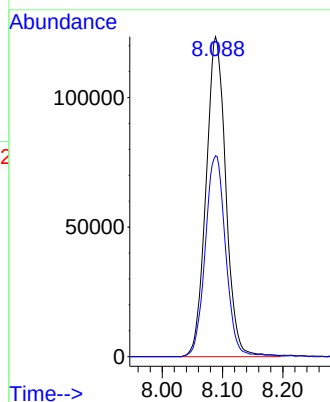
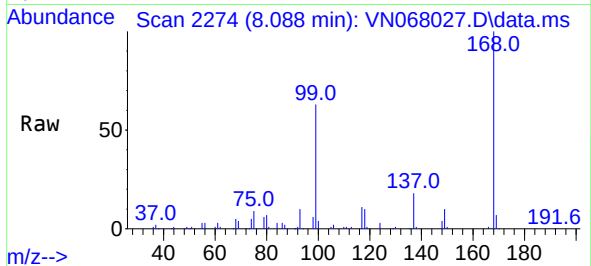




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068027.D
Acq: 5 Aug 2021 19:47

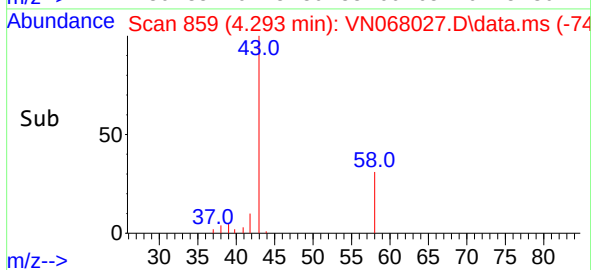
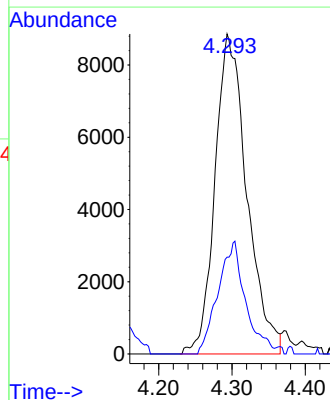
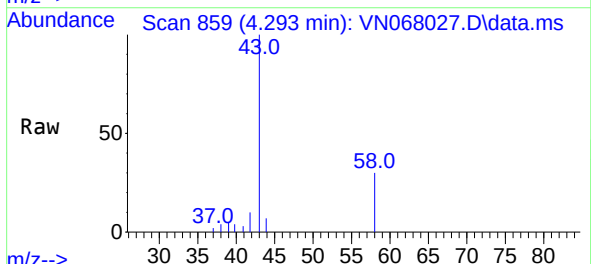
Instrument :
MSVOA_N
ClientSampleId :
PB138199TB

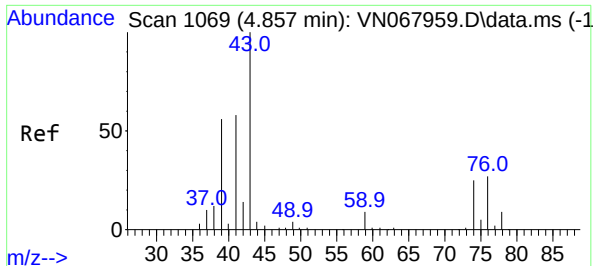
Tgt Ion:168 Resp: 281388
Ion Ratio Lower Upper
168 100
99 62.8 62.9 94.3#



#16
Acetone
Concen: 18.408 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN068027.D
Acq: 5 Aug 2021 19:47

Tgt Ion: 43 Resp: 26756
Ion Ratio Lower Upper
43 100
58 30.3 21.2 31.8





#18

Methyl Acetate

Concen: 1.106 ug/l

RT: 4.873 min Scan# 1075

Delta R.T. 0.016 min

Lab File: VN068027.D

Acq: 5 Aug 2021 19:47

Tgt Ion: 43 Resp: 4216

Ion Ratio Lower Upper

43 100

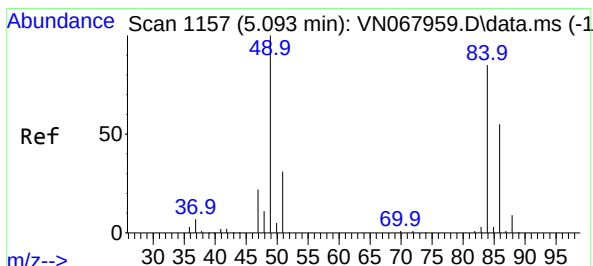
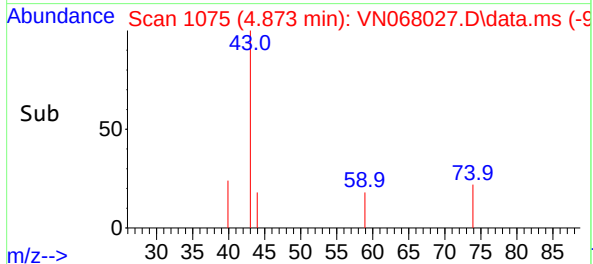
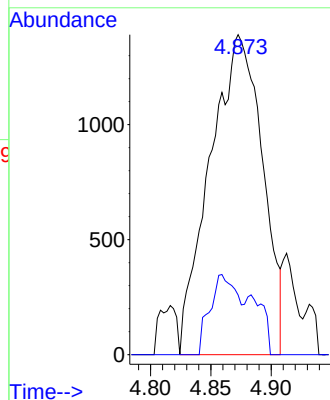
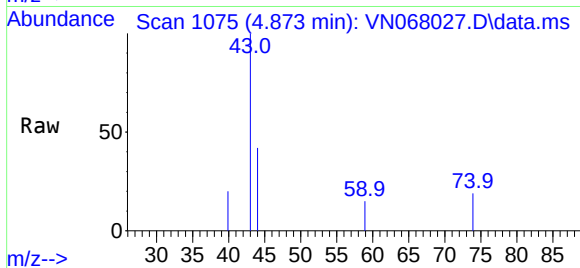
74 12.9 17.4 26.0#

Instrument :

MSVOA_N

ClientSampleId :

PB138199TB



#20

Methylene Chloride

Concen: 7.256 ug/l

RT: 5.103 min Scan# 1161

Delta R.T. 0.010 min

Lab File: VN068027.D

Acq: 5 Aug 2021 19:47

Tgt Ion: 84 Resp: 25170

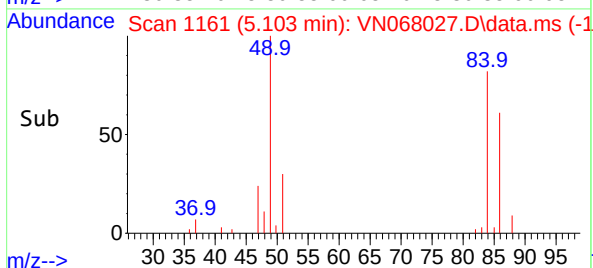
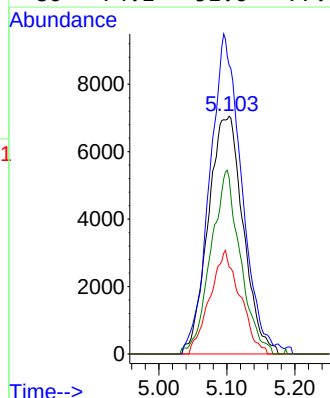
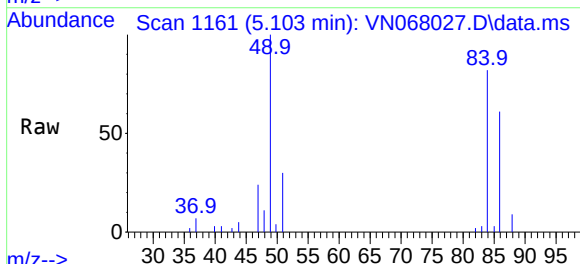
Ion Ratio Lower Upper

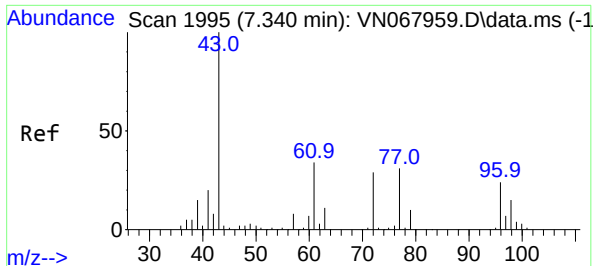
84 100

49 121.4 110.9 166.3

51 36.5 32.6 49.0

86 74.1 51.6 77.4

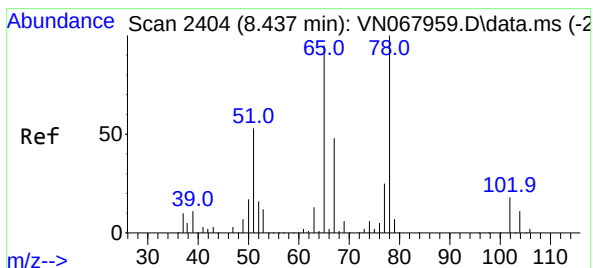
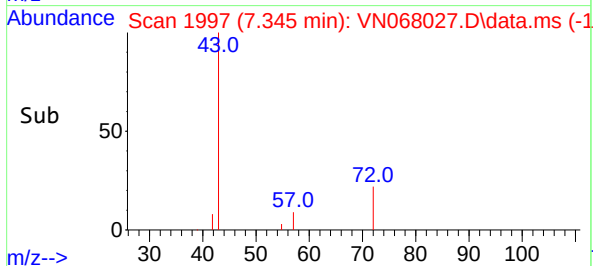
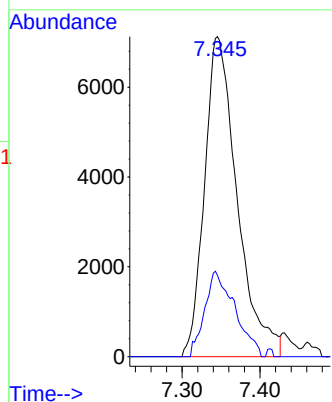
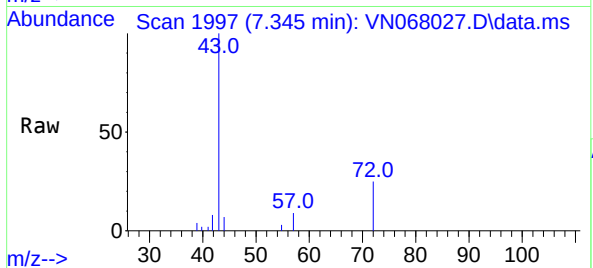




#25
2-Butanone
Concen: 9.833 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.005 min
Lab File: VN068027.D
Acq: 5 Aug 2021 19:47

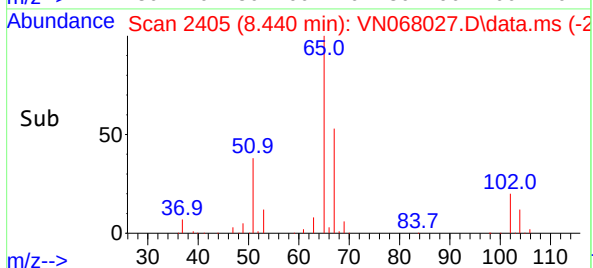
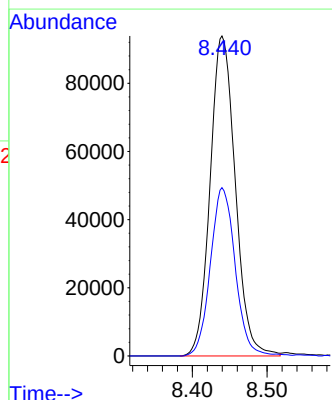
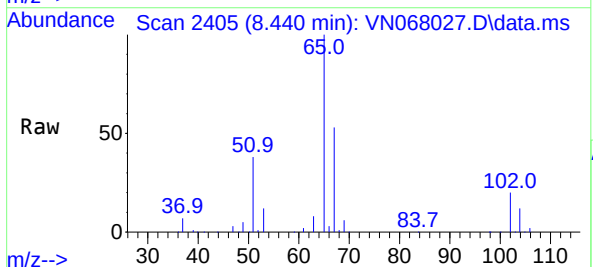
Instrument :
MSVOA_N
ClientSampled :
PB138199TB

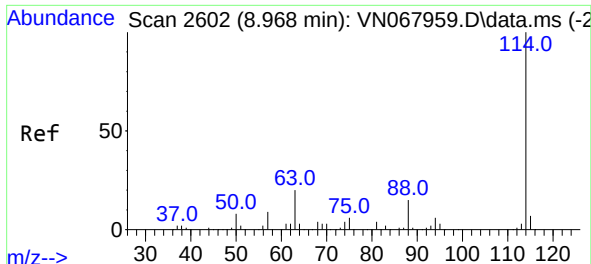
Tgt Ion: 43 Resp: 20735
Ion Ratio Lower Upper
43 100
72 25.4 19.7 29.5



#33
1,2-Dichloroethane-d4
Concen: 55.149 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068027.D
Acq: 5 Aug 2021 19:47

Tgt Ion: 65 Resp: 219689
Ion Ratio Lower Upper
65 100
67 51.9 0.0 98.6

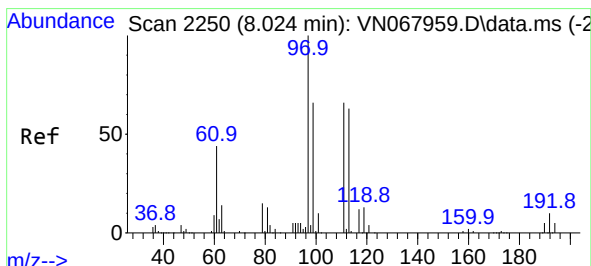
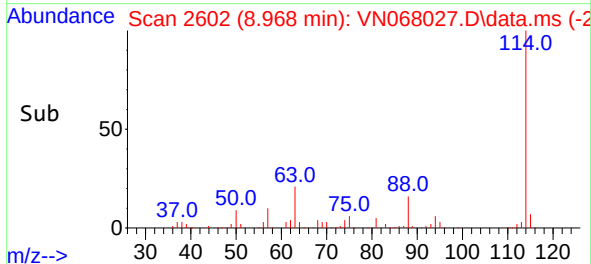
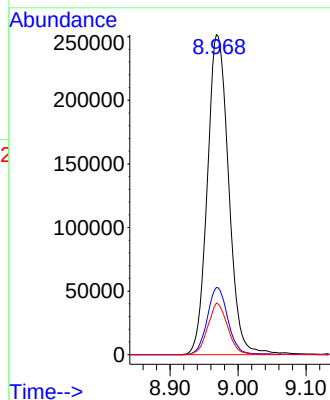
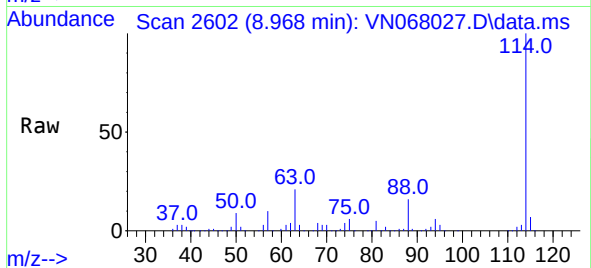




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068027.D
Acq: 5 Aug 2021 19:47

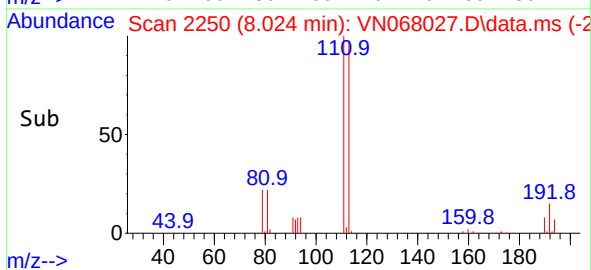
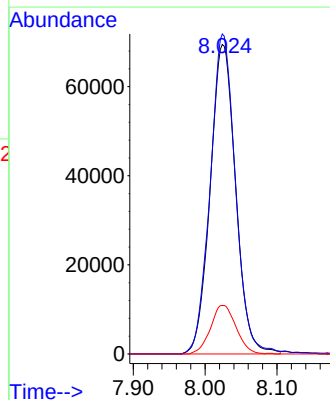
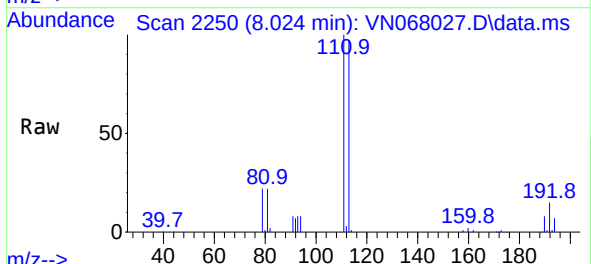
Instrument :
MSVOA_N
ClientSampleId :
PB138199TB

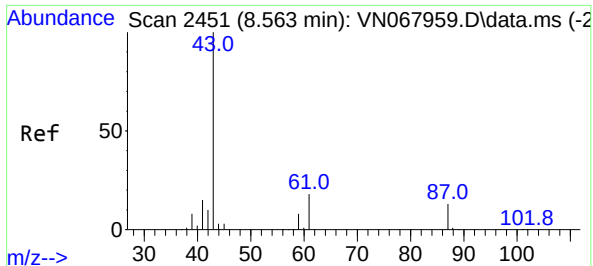
Tgt Ion:114 Resp: 547666
Ion Ratio Lower Upper
114 100
63 21.0 0.0 49.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.520 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068027.D
Acq: 5 Aug 2021 19:47

Tgt Ion:113 Resp: 170821
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.8
192 15.8 13.4 20.0



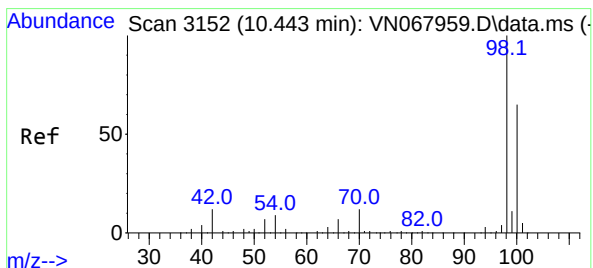
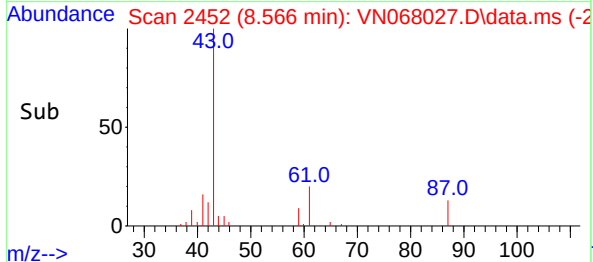
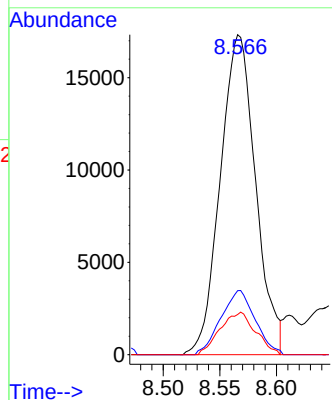
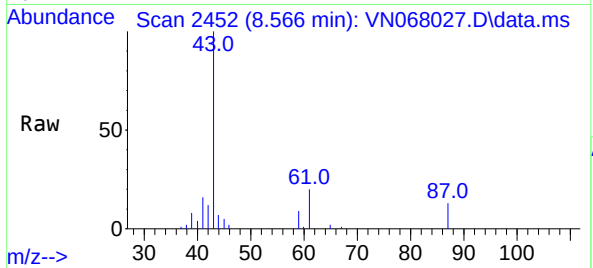


#43
Isopropyl Acetate
Concen: 4.727 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN068027.D
Acq: 5 Aug 2021 19:47

Instrument :
MSVOA_N
ClientSampleId :
PB138199TB

Tgt Ion: 43 Resp: 37557

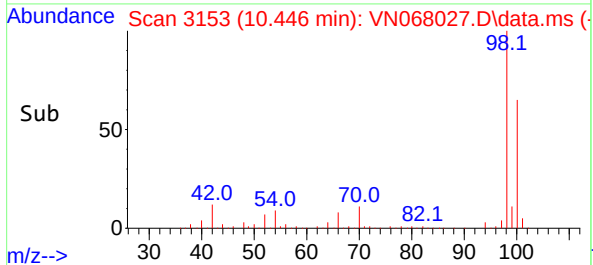
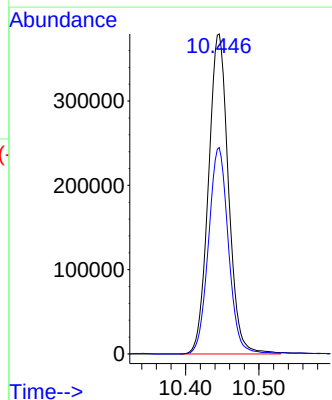
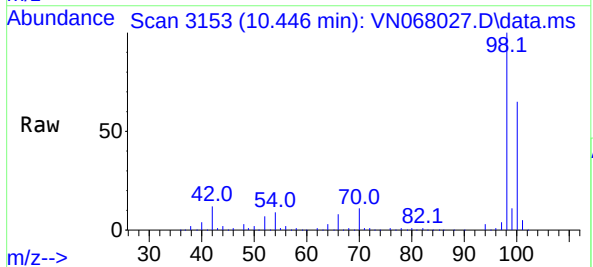
Ion	Ratio	Lower	Upper
43	100		
61	19.5	19.0	28.4
87	13.4	9.5	14.3

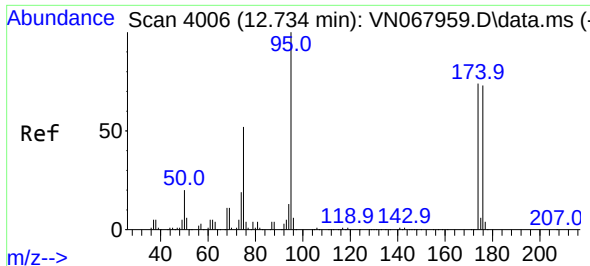


#50
Toluene-d8
Concen: 48.980 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068027.D
Acq: 5 Aug 2021 19:47

Tgt Ion: 98 Resp: 720213

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.7	77.5

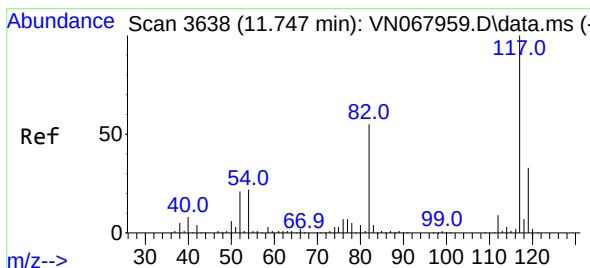
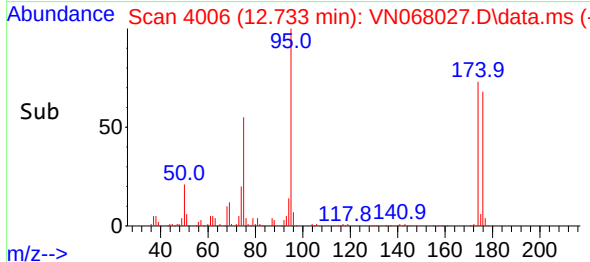
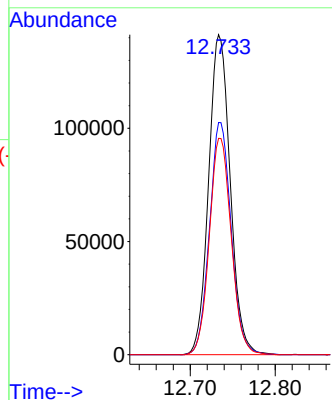
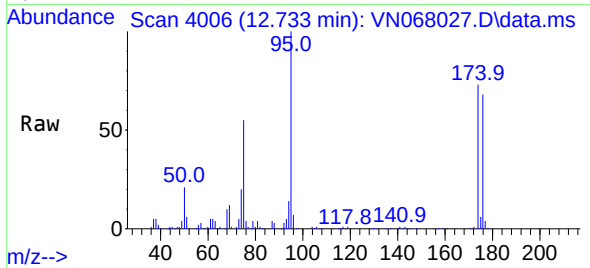




#62
4-Bromofluorobenzene
Concen: 46.595 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068027.D
Acq: 5 Aug 2021 19:47

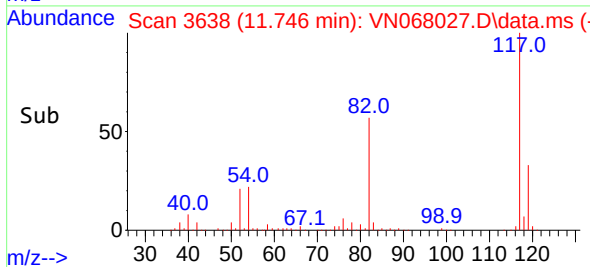
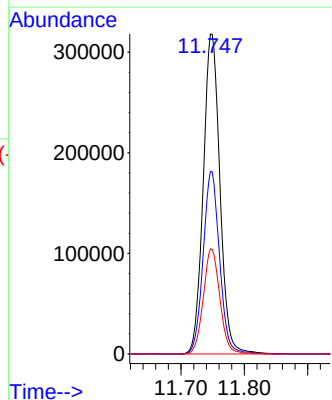
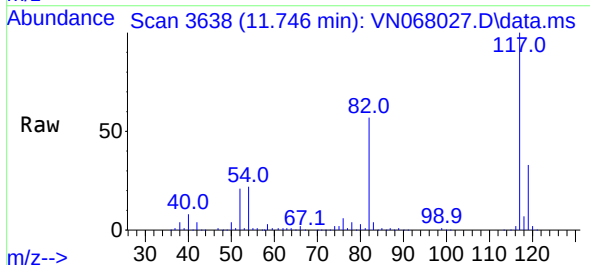
Instrument :
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PB138199TB

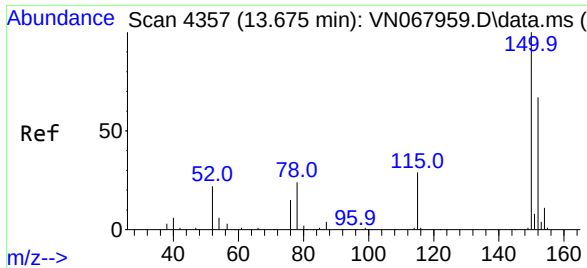
Tgt Ion: 95 Resp: 249192
Ion Ratio Lower Upper
95 100
174 72.9 0.0 122.0
176 68.6 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068027.D
Acq: 5 Aug 2021 19:47

Tgt Ion: 117 Resp: 582085
Ion Ratio Lower Upper
117 100
82 57.1 53.1 79.7
119 32.8 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: VN068027.D
Acq: 5 Aug 2021 19:47

Instrument :
MSVOA_N
ClientSampleId :
PB138199TB

Tgt Ion:152 Resp: 202704
Ion Ratio Lower Upper
152 100
115 61.8 36.1 108.5
150 156.2 0.0 351.8

