

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081621\
 Data File : VN068116.D
 Acq On : 16 Aug 2021 15:23
 Operator : JC/MD
 Sample : PB138399ZHE#05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138399ZHE#05

Quant Time: Aug 17 07:13:13 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)

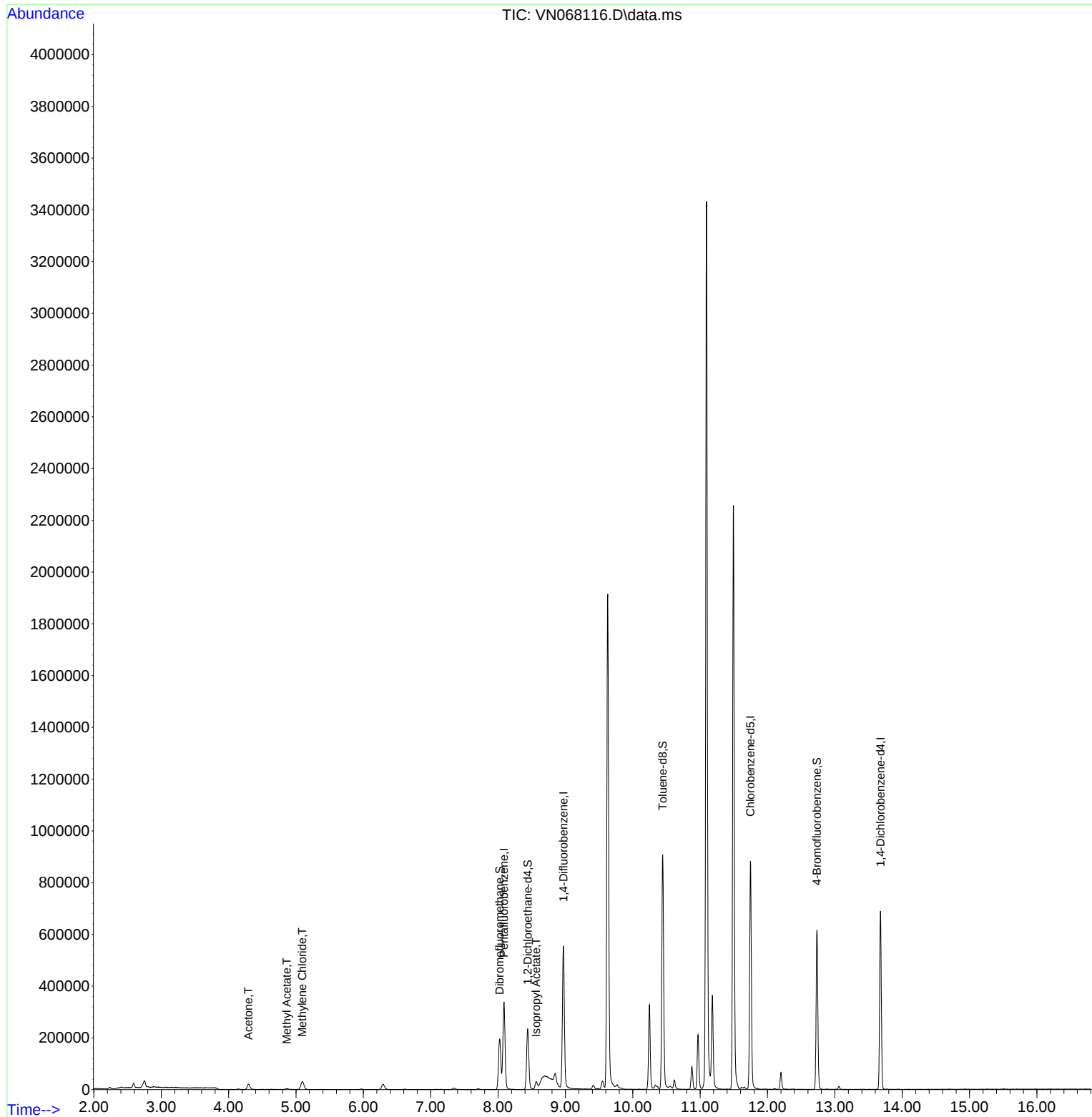
Internal Standards						
1) Pentafluorobenzene	8.088	168	231404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	467976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	497643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	173963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	198117	60.477	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 120.960%	
35) Dibromofluoromethane	8.024	113	144250	52.891	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.780%	
50) Toluene-d8	10.443	98	644847	51.137	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.280%	
62) 4-Bromofluorobenzene	12.734	95	216504	47.293	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.580%	
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	39431	32.988	ug/l	95
18) Methyl Acetate	4.865	43	6961	2.325	ug/l	91
20) Methylene Chloride	5.093	84	24267	8.557	ug/l	92
43) Isopropyl Acetate	8.566	43	38984	5.743	ug/l #	86

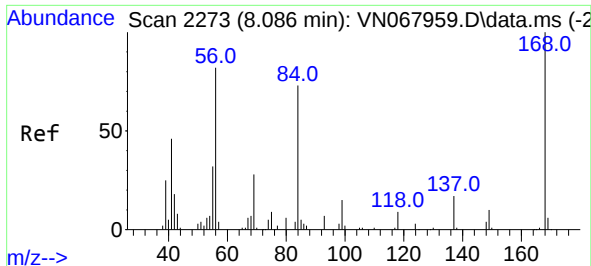
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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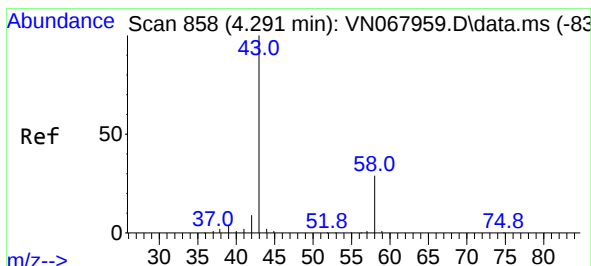
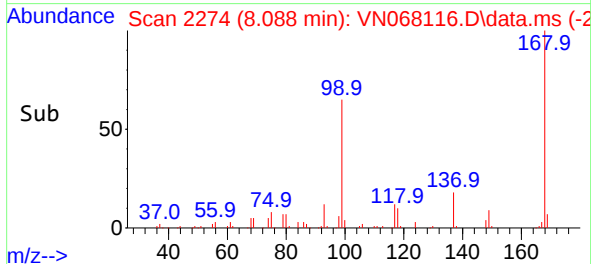
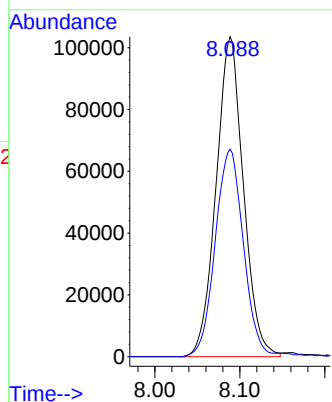
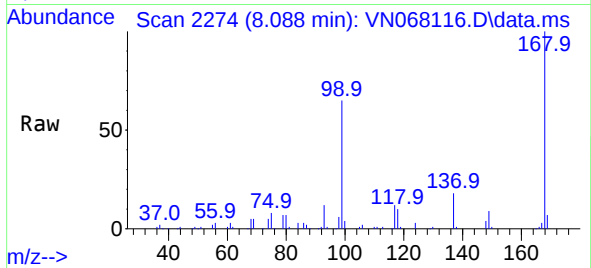




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068116.D
Acq: 16 Aug 2021 15:23

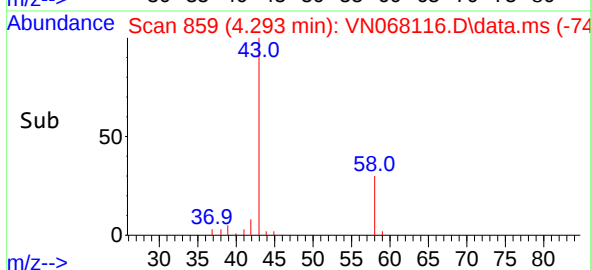
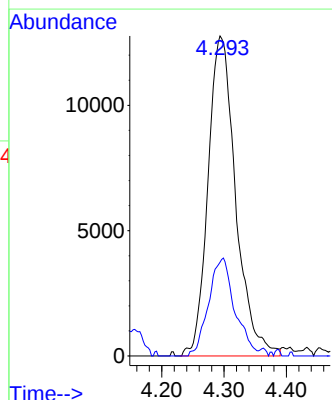
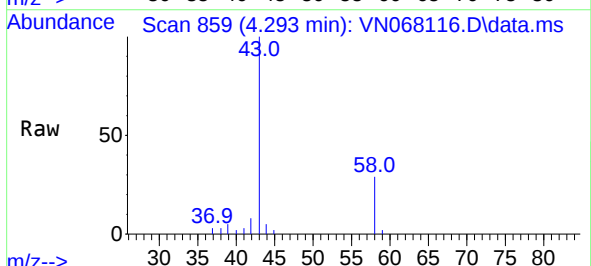
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#05

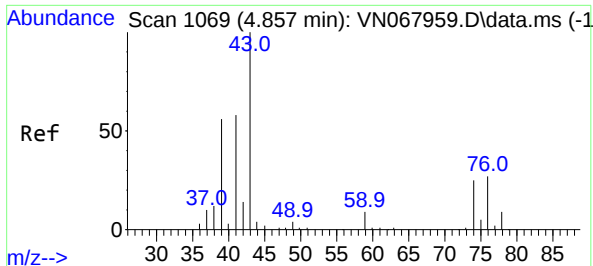
Tgt Ion:168 Resp: 231404
Ion Ratio Lower Upper
168 100
99 64.9 62.9 94.3



#16
Acetone
Concen: 32.988 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN068116.D
Acq: 16 Aug 2021 15:23

Tgt Ion: 43 Resp: 39431
Ion Ratio Lower Upper
43 100
58 29.3 21.2 31.8

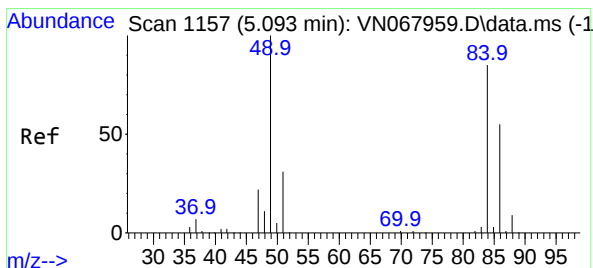
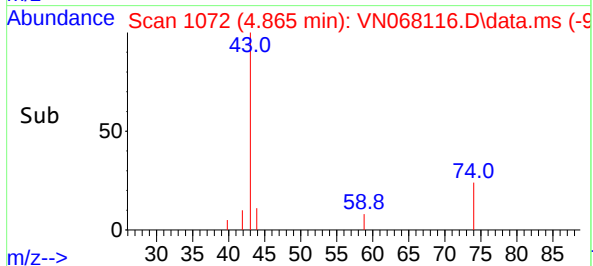
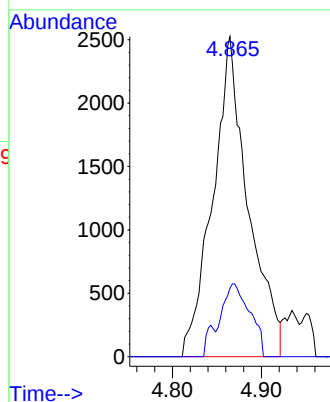
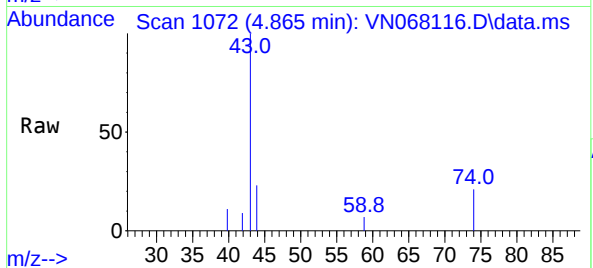




#18
Methyl Acetate
Concen: 2.325 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.008 min
Lab File: VN068116.D
Acq: 16 Aug 2021 15:23

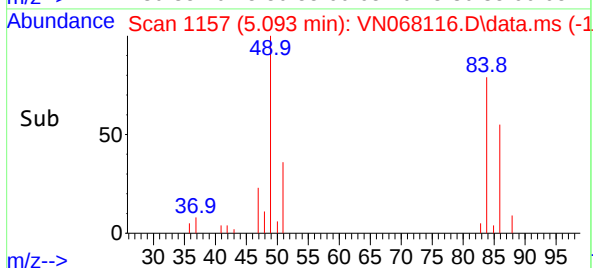
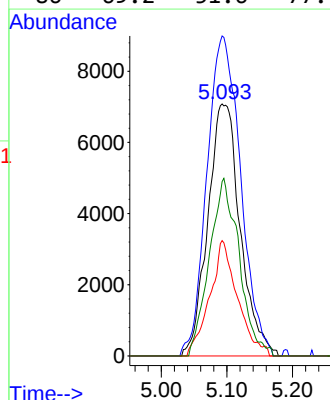
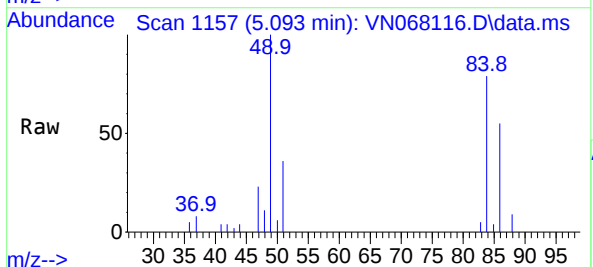
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#05

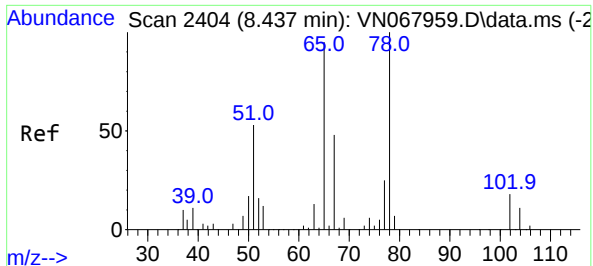
Tgt Ion: 43 Resp: 6961
Ion Ratio Lower Upper
43 100
74 17.5 17.4 26.0



#20
Methylene Chloride
Concen: 8.557 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN068116.D
Acq: 16 Aug 2021 15:23

Tgt Ion: 84 Resp: 24267
Ion Ratio Lower Upper
84 100
49 127.0 110.9 166.3
51 45.8 32.6 49.0
86 69.2 51.6 77.4



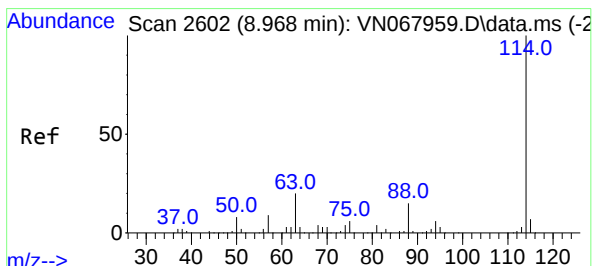
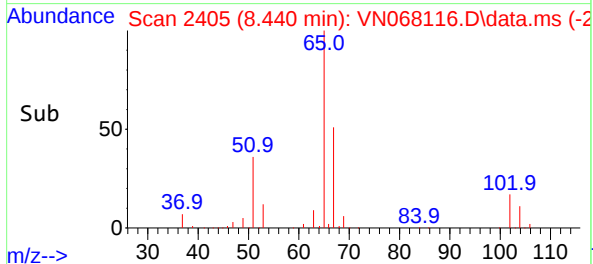
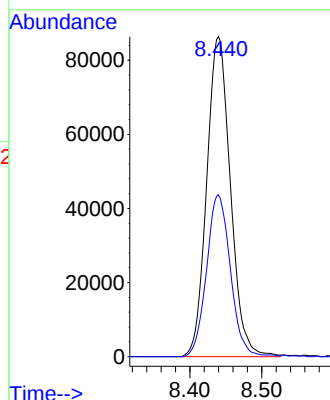
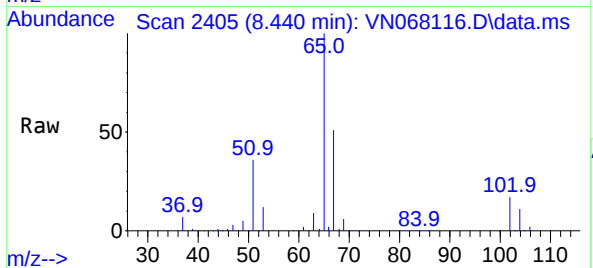


#33

1,2-Dichloroethane-d4
Concen: 60.477 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068116.D
Acq: 16 Aug 2021 15:23

Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#05

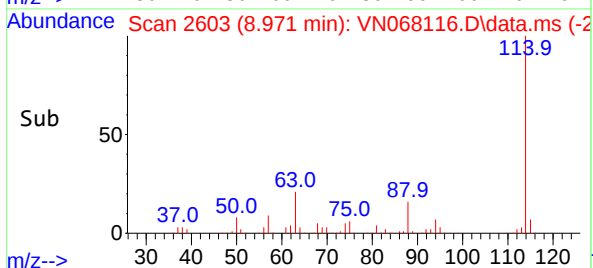
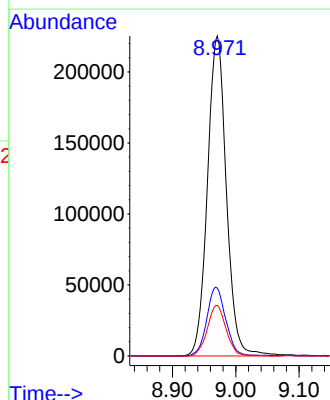
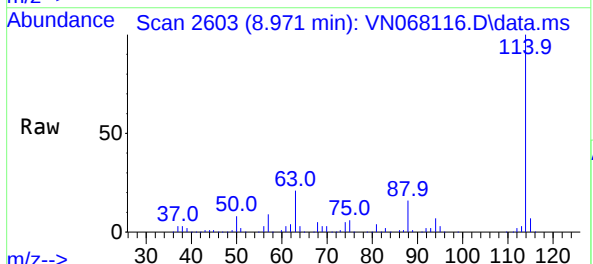
Tgt Ion: 65 Resp: 198117
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.6

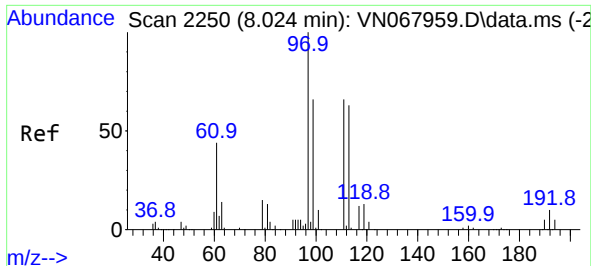


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068116.D
Acq: 16 Aug 2021 15:23

Tgt Ion: 114 Resp: 467976
Ion Ratio Lower Upper
114 100
63 21.2 0.0 49.0
88 15.8 0.0 36.6

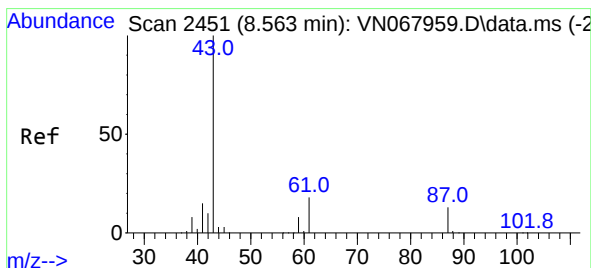
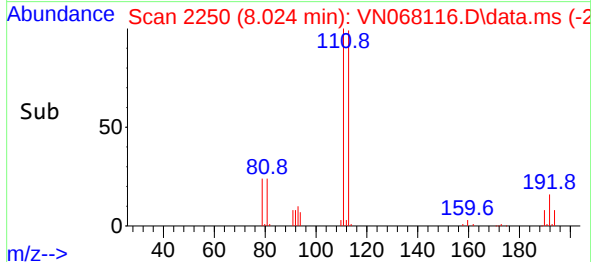
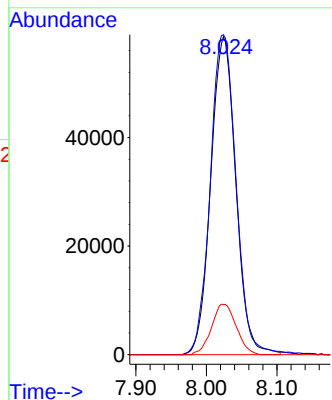
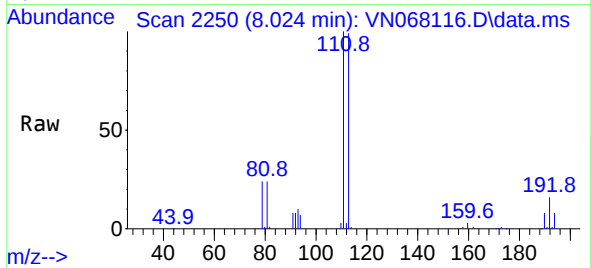




#35
Dibromofluoromethane
Concen: 52.891 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068116.D
Acq: 16 Aug 2021 15:23

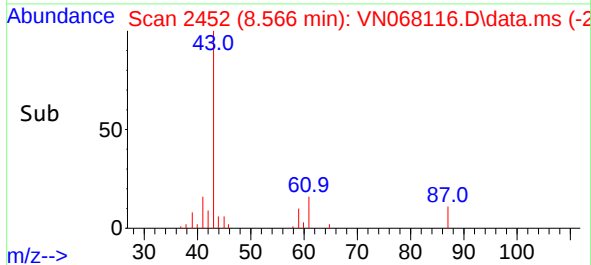
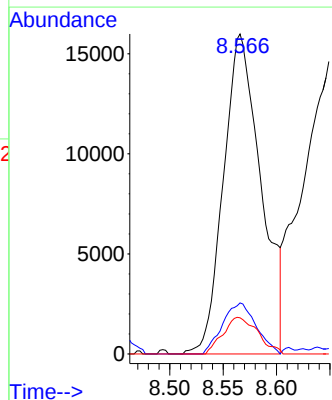
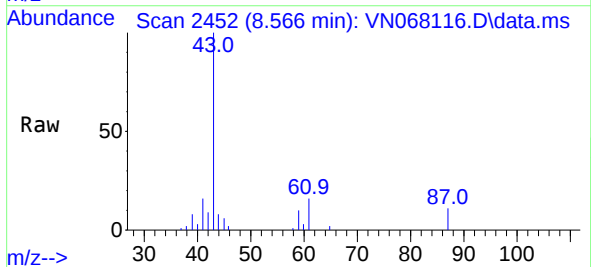
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#05

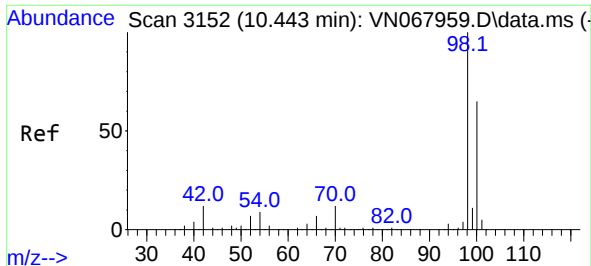
Tgt Ion:113 Resp: 144250
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.8
192 15.7 13.4 20.0



#43
Isopropyl Acetate
Concen: 5.743 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN068116.D
Acq: 16 Aug 2021 15:23

Tgt Ion: 43 Resp: 38984
Ion Ratio Lower Upper
43 100
61 14.3 19.0 28.4#
87 10.6 9.5 14.3

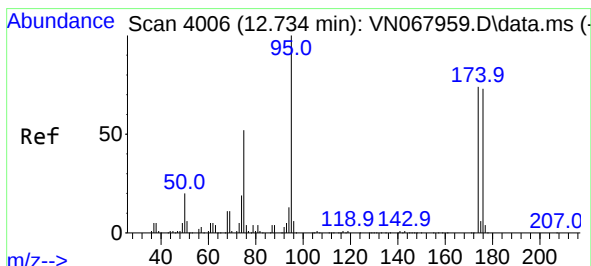
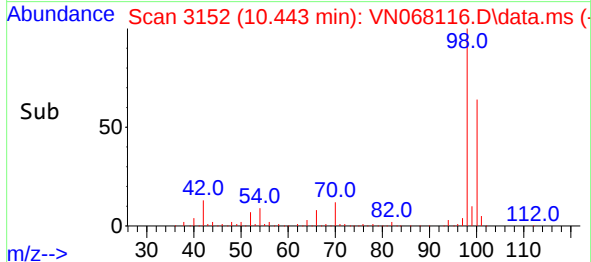
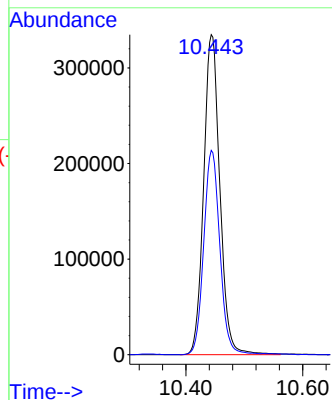
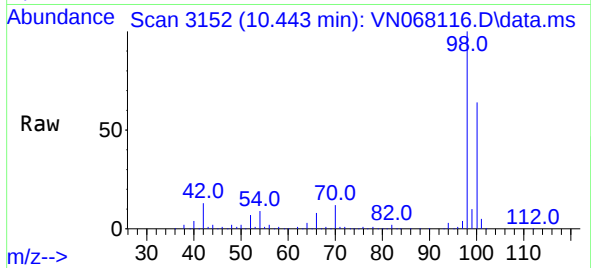




#50
Toluene-d8
Concen: 51.137 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068116.D
Acq: 16 Aug 2021 15:23

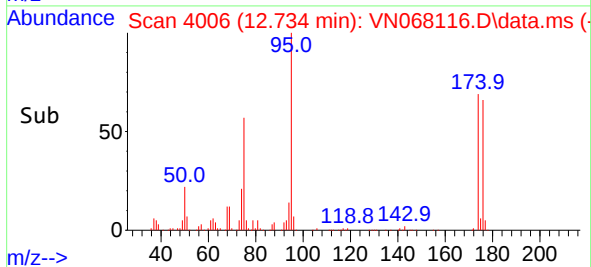
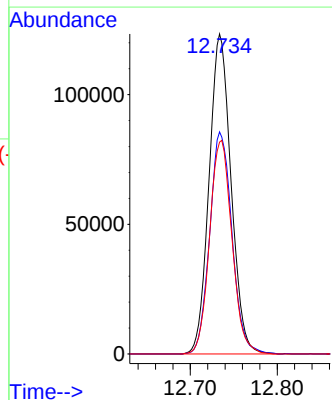
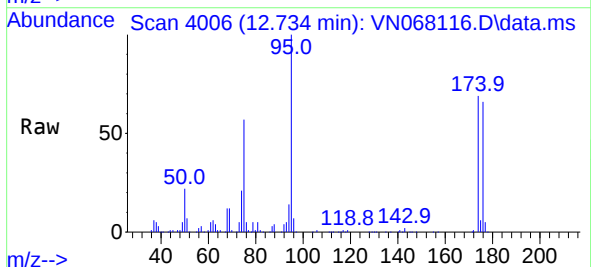
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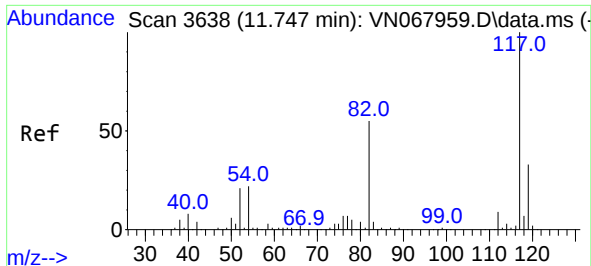
Tgt Ion: 98 Resp: 644847
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.293 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068116.D
Acq: 16 Aug 2021 15:23

Tgt Ion: 95 Resp: 216504
Ion Ratio Lower Upper
95 100
174 70.5 0.0 122.0
176 67.9 0.0 117.6

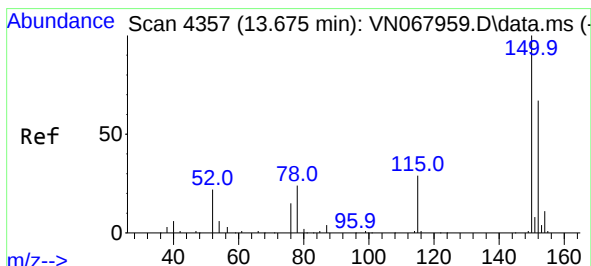
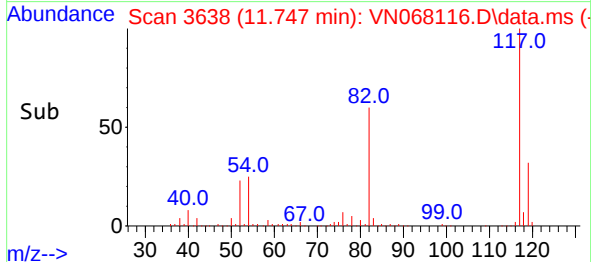
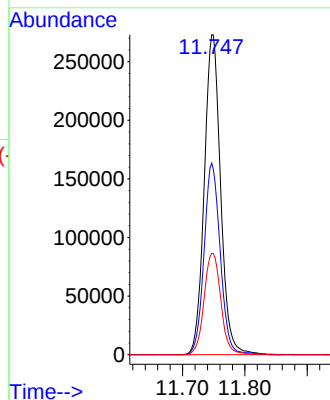
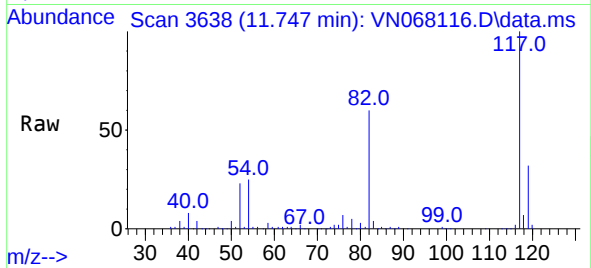




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068116.D
Acq: 16 Aug 2021 15:23

Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#05

Tgt Ion:117 Resp: 497643
Ion Ratio Lower Upper
117 100
82 59.8 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. 0.003 min
Lab File: VN068116.D
Acq: 16 Aug 2021 15:23

Tgt Ion:152 Resp: 173963
Ion Ratio Lower Upper
152 100
115 63.8 36.1 108.5
150 160.8 0.0 351.8

