

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072121\
 Data File : VN067844.D
 Acq On : 21 Jul 2021 17:28
 Operator : JC/MD
 Sample : M3089-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R99997-A-BOTTOM-(3)

Manual Integrations
 APPROVED

MMDadoda
 7/22/2021 6:03:23 PM

Quant Time: Jul 22 02:13:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	318203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	614712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	636299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	231843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	258161	53.683	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.360%			
35) Dibromofluoromethane	8.024	113	184359	49.640	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.280%			
50) Toluene-d8	10.443	98	798633	51.374	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.740%			
62) 4-Bromofluorobenzene	12.734	95	276064	50.270	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.540%			
Target Compounds					Qvalue	
16) Acetone	4.299	43	41229	27.246	ug/l	93
18) Methyl Acetate	4.867	43	8328m	1.959	ug/l	
20) Methylene Chloride	5.101	84	32204m	8.539	ug/l	
43) Isopropyl Acetate	8.566	43	39854	4.095	ug/l #	90

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

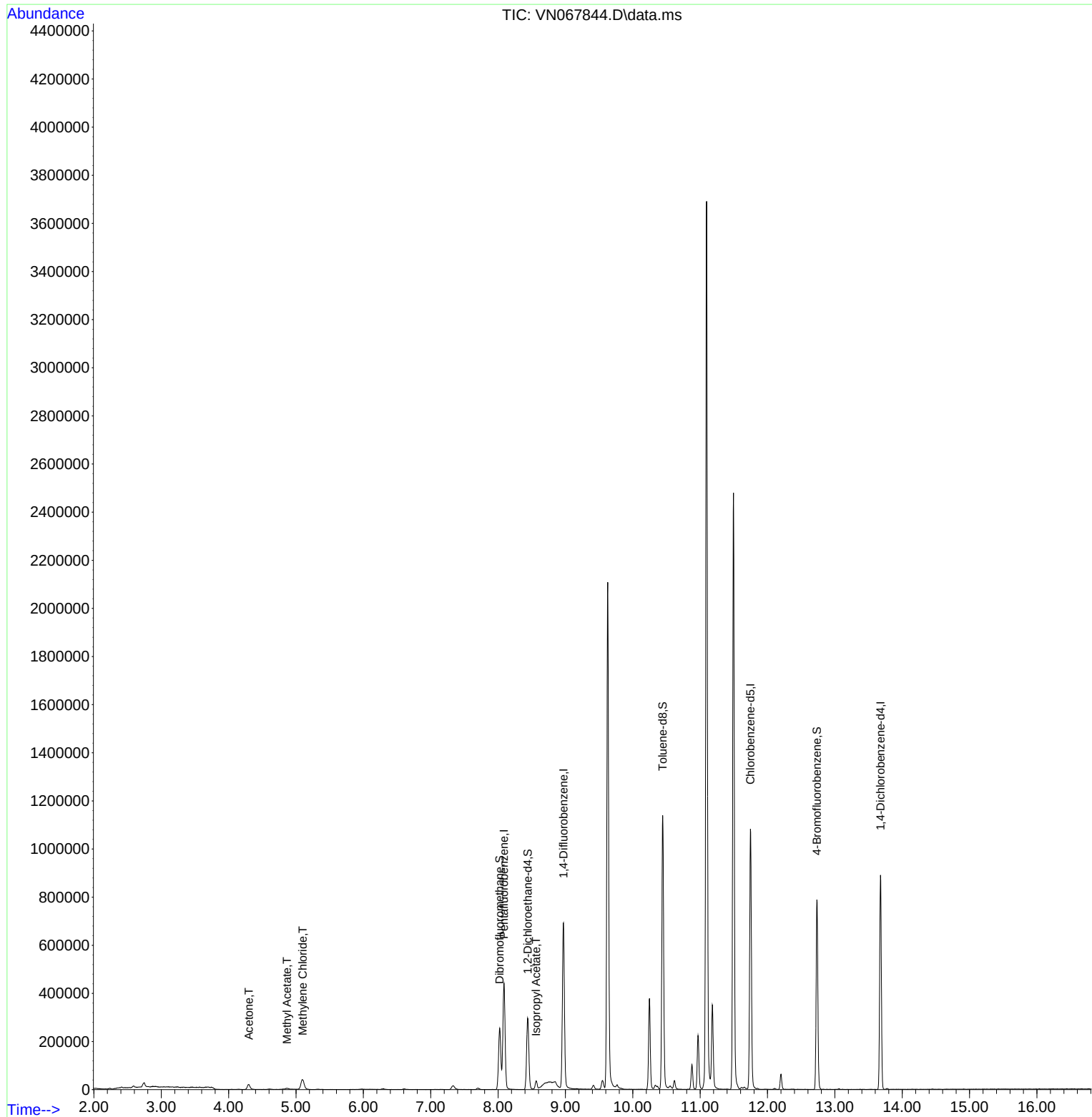
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072121\
Data File : VN067844.D
Acq On : 21 Jul 2021 17:28
Operator : JC/MD
Sample : M3089-16
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

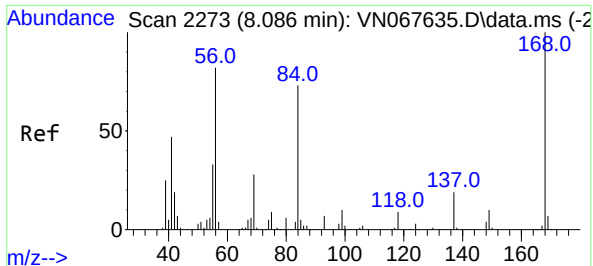
Instrument :
MSVOA_N
ClientSampleId :
R99997-A-BOTTOM-(3)

Manual Integrations
APPROVED

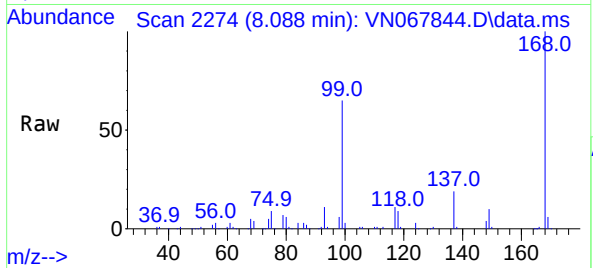
MMDadoda
7/22/2021 6:03:23 PM

Quant Time: Jul 22 02:13:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration

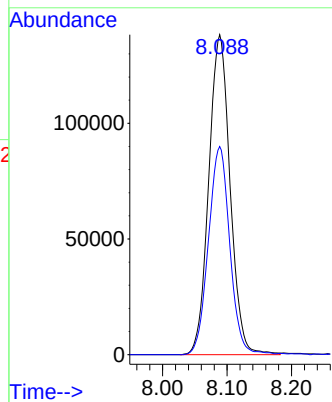
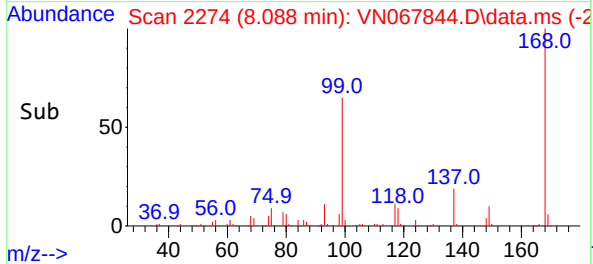




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067844.D
Acq: 21 Jul 2021 17:28



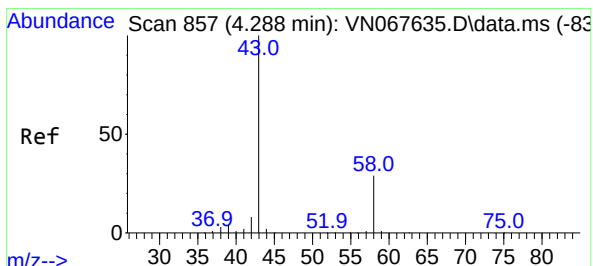
Tgt Ion: 168 Resp: 318203
Ion Ratio Lower Upper
168 100
99 65.1 62.9 94.3



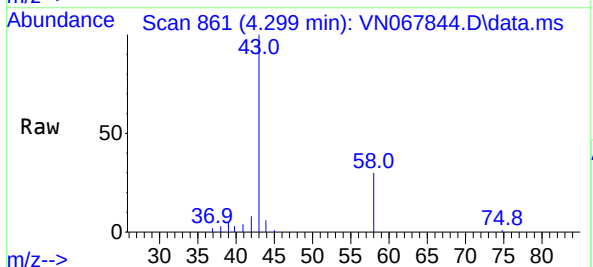
Instrument :
MSVOA_N
ClientSampleId :
R99997-A-BOTTOM-(3)

Manual Integrations
APPROVED

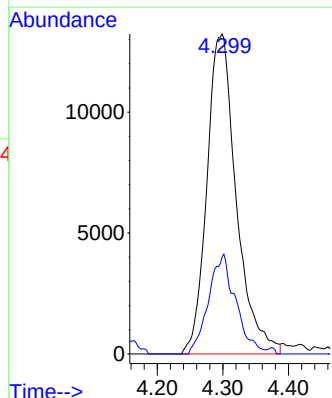
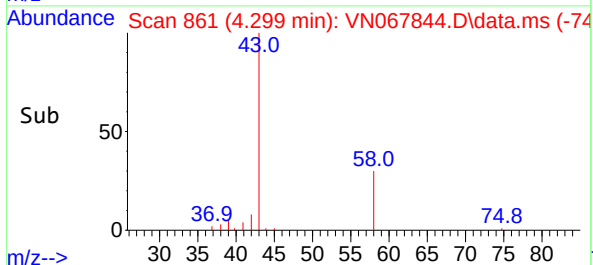
MMDadoda
7/22/2021 6:03:23 PM

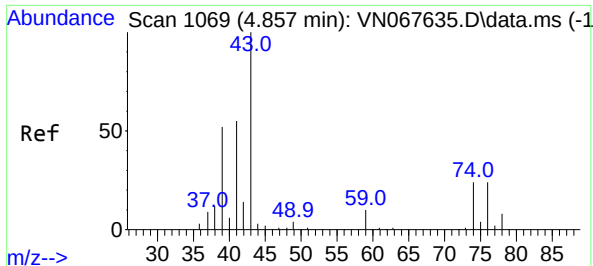


#16
Acetone
Concen: 27.246 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN067844.D
Acq: 21 Jul 2021 17:28



Tgt Ion: 43 Resp: 41229
Ion Ratio Lower Upper
43 100
58 30.3 21.2 31.8





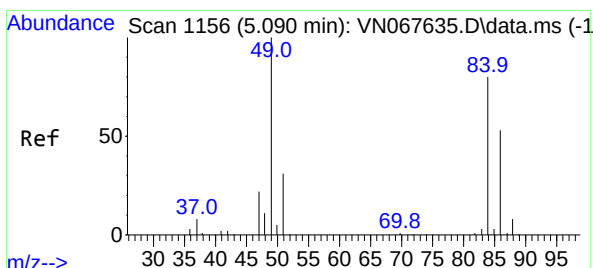
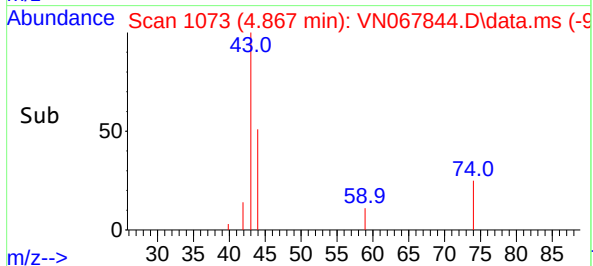
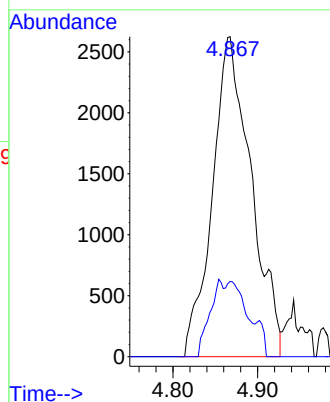
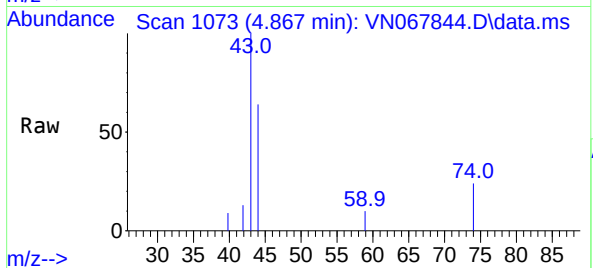
#18
Methyl Acetate
Concen: 1.959 ug/l m
RT: 4.867 min Scan# 1073
Delta R.T. 0.010 min
Lab File: VN067844.D
Acq: 21 Jul 2021 17:28

Tgt Ion: 43 Resp: 8328
Ion Ratio Lower Upper
43 100
74 8.5 17.4 26.0#

Instrument :
MSVOA_N
ClientSampleId :
R99997-A-BOTTOM-(3)

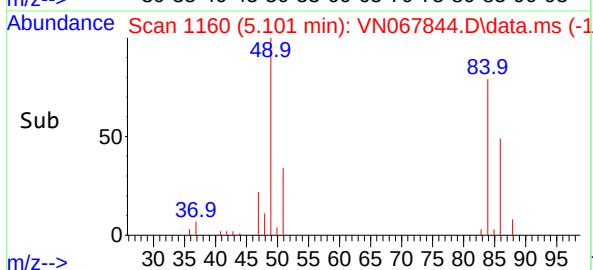
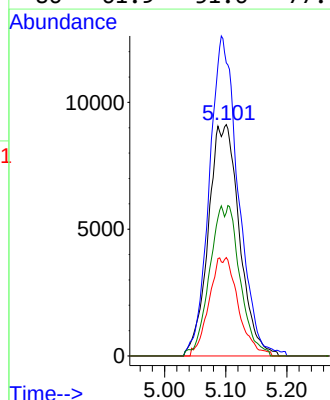
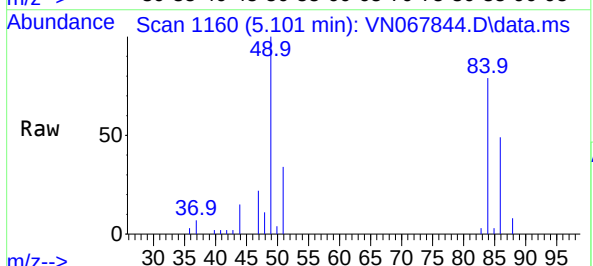
Manual Integrations
APPROVED

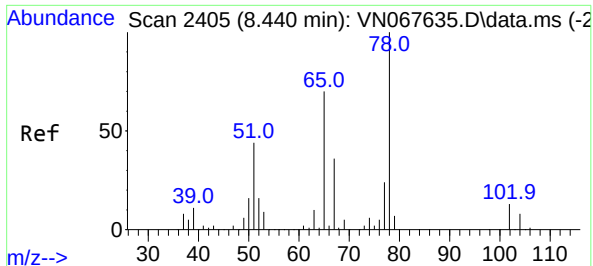
MMDadoda
7/22/2021 6:03:23 PM



#20
Methylene Chloride
Concen: 8.539 ug/l m
RT: 5.101 min Scan# 1160
Delta R.T. 0.011 min
Lab File: VN067844.D
Acq: 21 Jul 2021 17:28

Tgt Ion: 84 Resp: 32204
Ion Ratio Lower Upper
84 100
49 126.7 110.9 166.3
51 42.6 32.6 49.0
86 61.9 51.6 77.4





#33

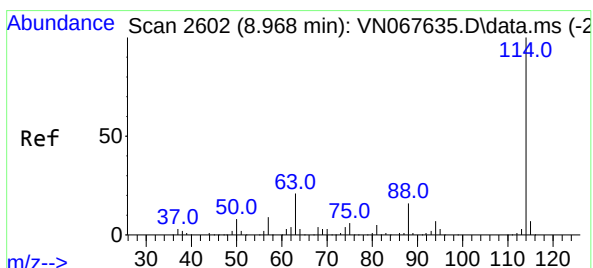
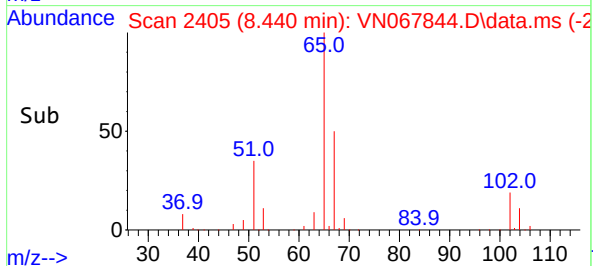
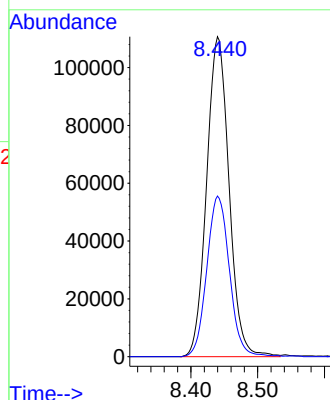
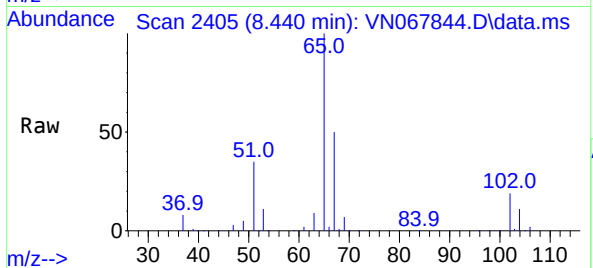
1,2-Dichloroethane-d4
Concen: 53.683 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067844.D
Acq: 21 Jul 2021 17:28

Tgt Ion: 65 Resp: 258161
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.6

Instrument :
MSVOA_N
ClientSampleId :
R99997-A-BOTTOM-(3)

Manual Integrations
APPROVED

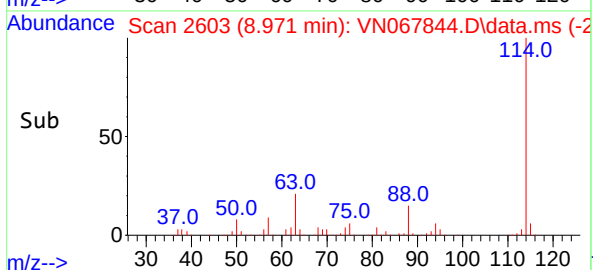
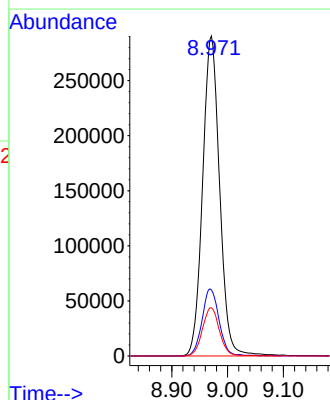
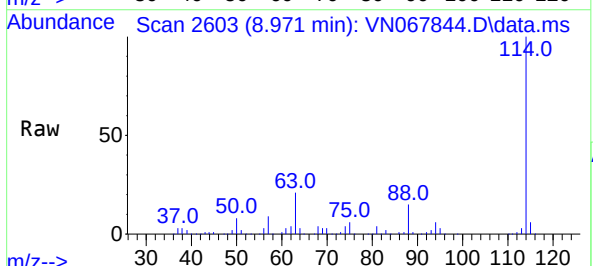
MMDadoda
7/22/2021 6:03:23 PM

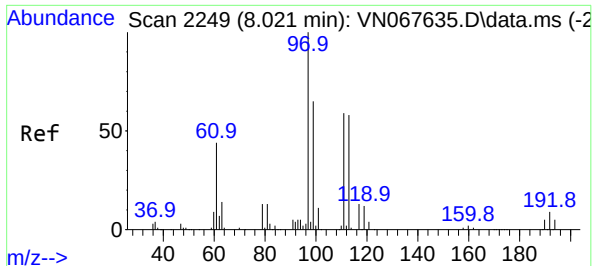


#34

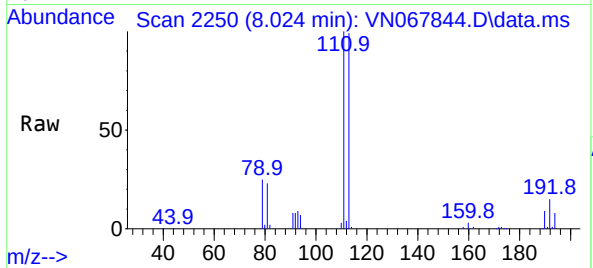
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067844.D
Acq: 21 Jul 2021 17:28

Tgt Ion: 114 Resp: 614712
Ion Ratio Lower Upper
114 100
63 20.7 0.0 49.0
88 15.0 0.0 36.6

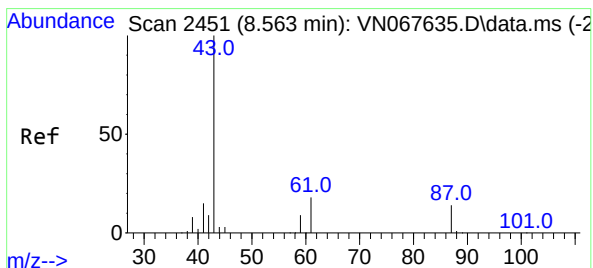
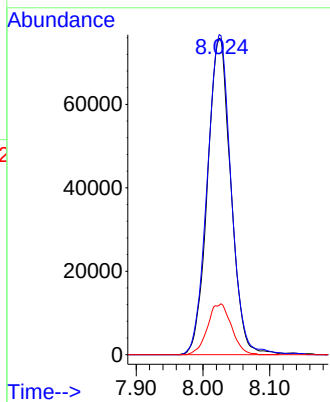
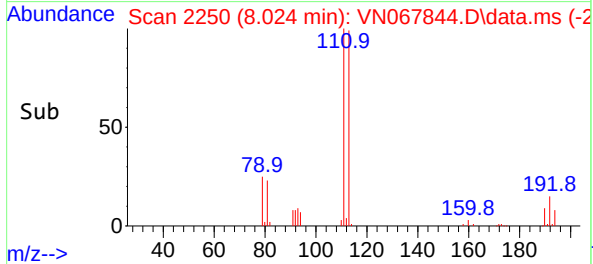




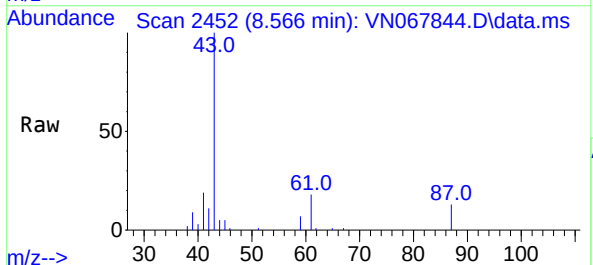
#35
Dibromofluoromethane
Concen: 49.640 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067844.D
Acq: 21 Jul 2021 17:28



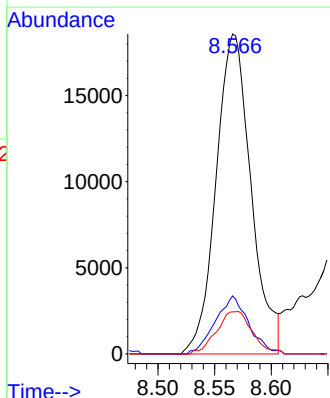
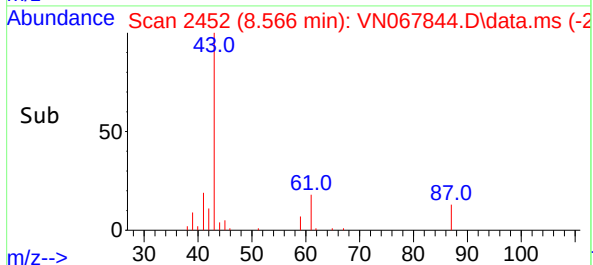
Tgt Ion: 113 Resp: 184359
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.8
192 16.5 13.4 20.0



#43
Isopropyl Acetate
Concen: 4.095 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN067844.D
Acq: 21 Jul 2021 17:28



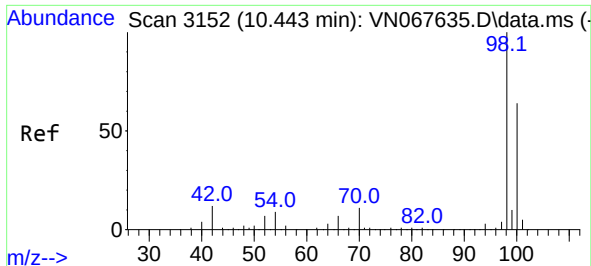
Tgt Ion: 43 Resp: 39854
Ion Ratio Lower Upper
43 100
61 17.3 19.0 28.4#
87 13.6 9.5 14.3



Instrument :
MSVOA_N
ClientSampleId :
R99997-A-BOTTOM-(3)

Manual Integrations
APPROVED

MMDadoda
7/22/2021 6:03:23 PM



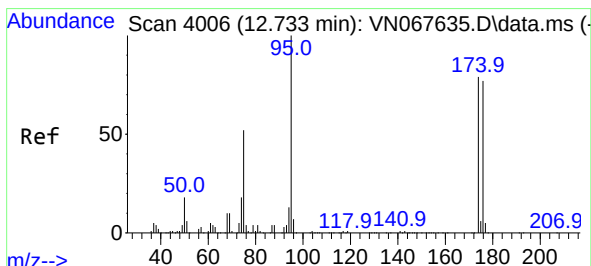
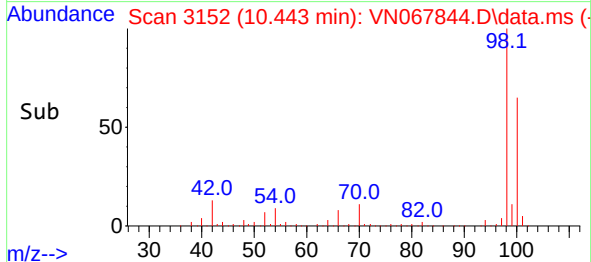
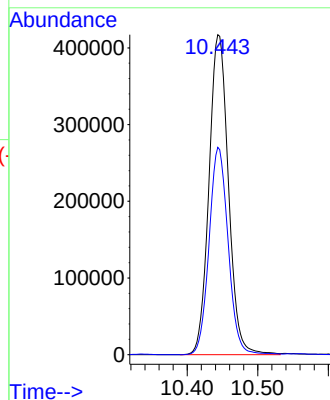
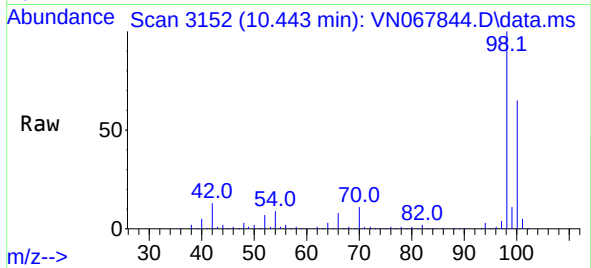
#50
Toluene-d8
Concen: 51.374 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067844.D
Acq: 21 Jul 2021 17:28

Tgt Ion: 98 Resp: 798633
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5

Instrument :
MSVOA_N
ClientSampleId :
R99997-A-BOTTOM-(3)

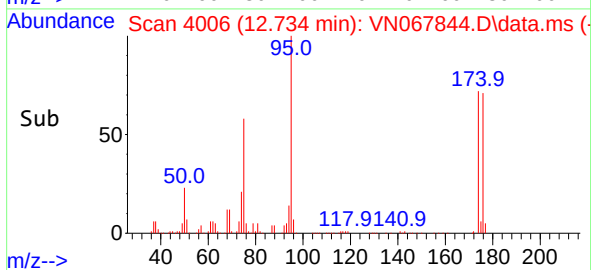
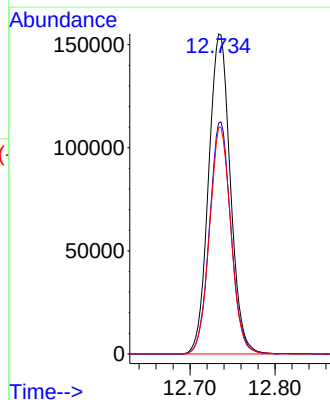
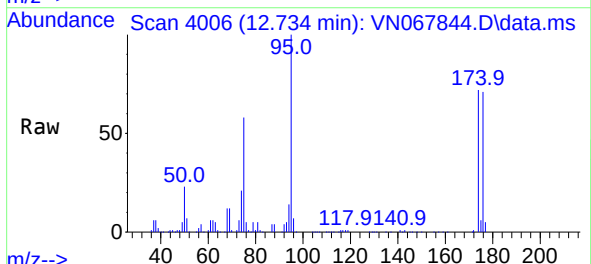
Manual Integrations
APPROVED

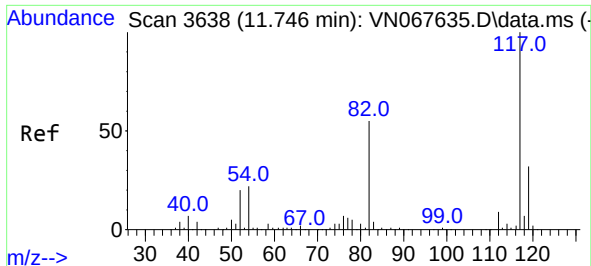
MMDadoda
7/22/2021 6:03:23 PM



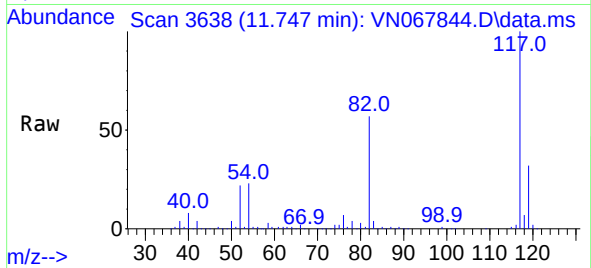
#62
4-Bromofluorobenzene
Concen: 50.270 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067844.D
Acq: 21 Jul 2021 17:28

Tgt Ion: 95 Resp: 276064
Ion Ratio Lower Upper
95 100
174 71.5 0.0 122.0
176 69.6 0.0 117.6

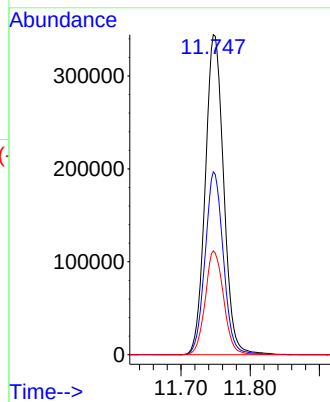
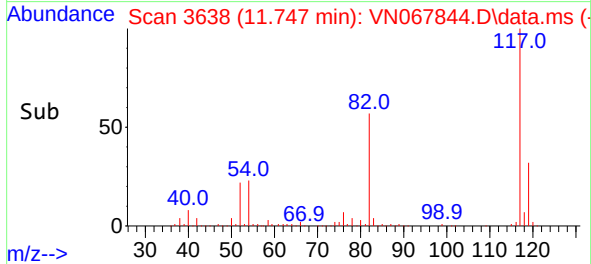




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067844.D
Acq: 21 Jul 2021 17:28



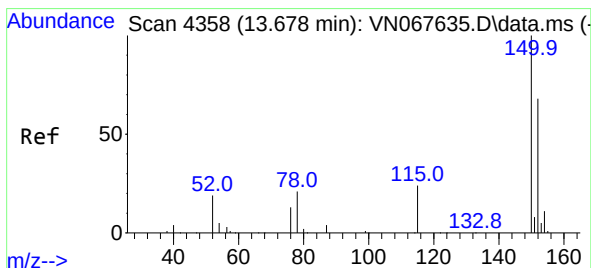
Tgt Ion:117 Resp: 636299
Ion Ratio Lower Upper
117 100
82 57.2 53.1 79.7
119 32.5 25.5 38.3



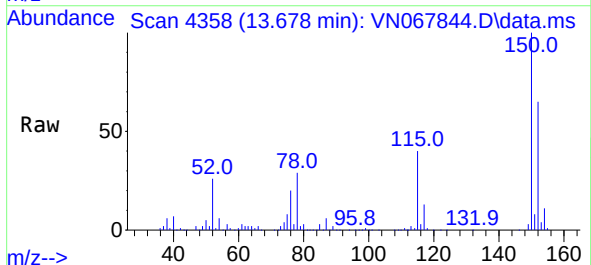
Instrument :
MSVOA_N
ClientSampleId :
R99997-A-BOTTOM-(3)

Manual Integrations
APPROVED

MMDadoda
7/22/2021 6:03:23 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067844.D
Acq: 21 Jul 2021 17:28



Tgt Ion:152 Resp: 231843
Ion Ratio Lower Upper
152 100
115 63.4 36.1 108.5
150 157.1 0.0 351.8

