

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068787.D
 Acq On : 1 Oct 2021 16:52
 Operator : JC/MD
 Sample : M3915-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW178I-20210921

Manual Integrations
 APPROVED

MMDadoda
 10/4/2021 5:51:17 PM

Quant Time: Oct 02 04:01:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	503589	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	867612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	790491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	263150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	353187	50.336	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.680%			
35) Dibromofluoromethane	8.021	113	276321	51.259	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.520%			
50) Toluene-d8	10.443	98	1091331	55.402	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.800%			
62) 4-Bromofluorobenzene	12.734	95	339562	49.609	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.220%			
Target Compounds						
19) Methyl tert-butyl Ether	5.613	73	8974m	0.478	ug/l	Qvalue
44) Trichloroethene	9.226	130	5201m	0.784	ug/l	
64) Tetrachloroethene	10.988	164	1782m	0.302	ug/l	

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

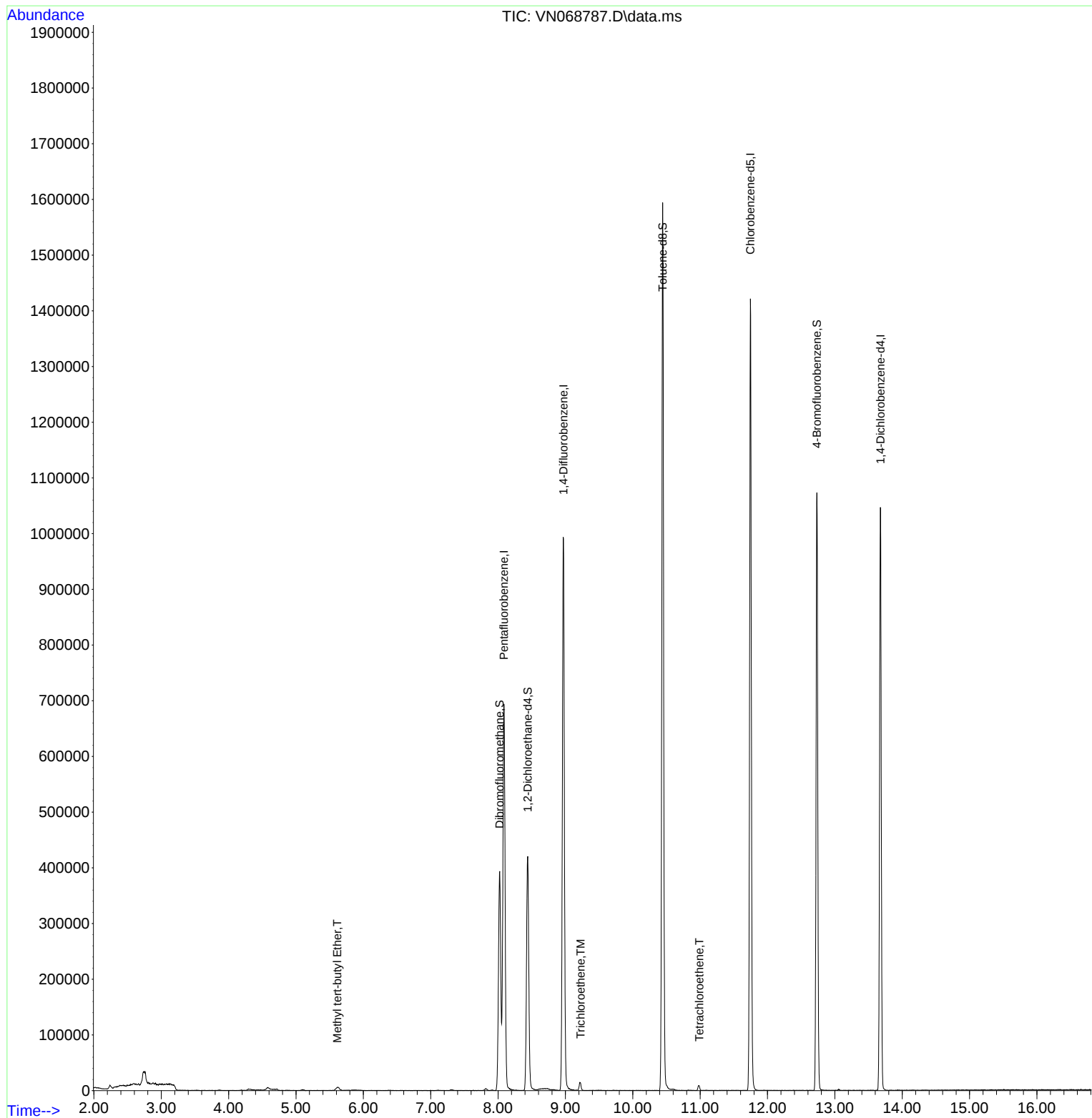
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
Data File : VN068787.D
Acq On : 1 Oct 2021 16:52
Operator : JC/MD
Sample : M3915-13
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

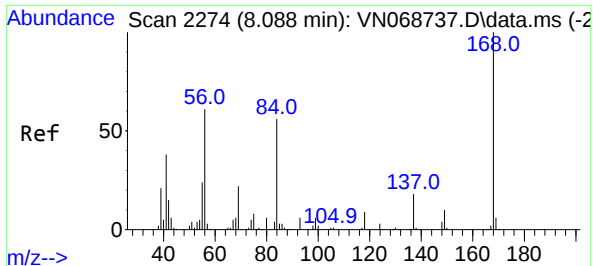
Instrument :
MSVOA_N
ClientSampleId :
MW178I-20210921

Manual Integrations
APPROVED

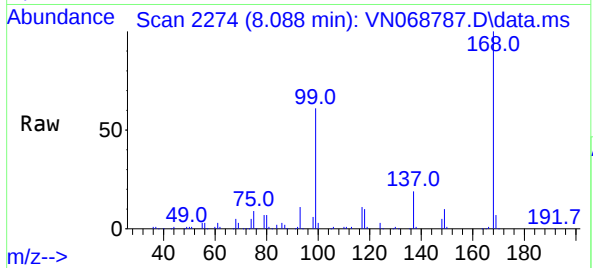
MMDadoda
10/4/2021 5:51:17 PM

Quant Time: Oct 02 04:01:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 29 23:31:35 2021
Response via : Initial Calibration

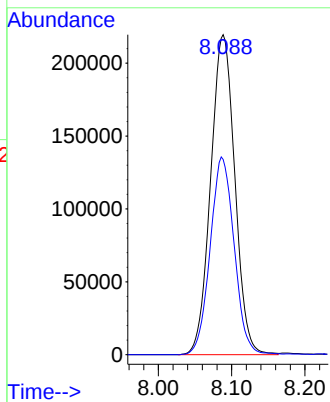
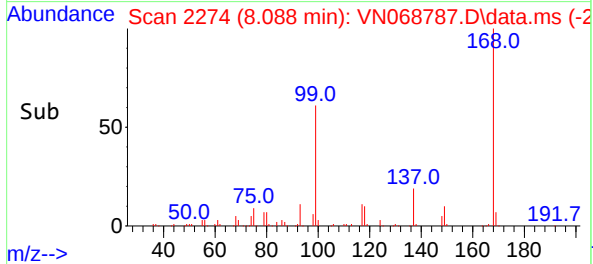




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52



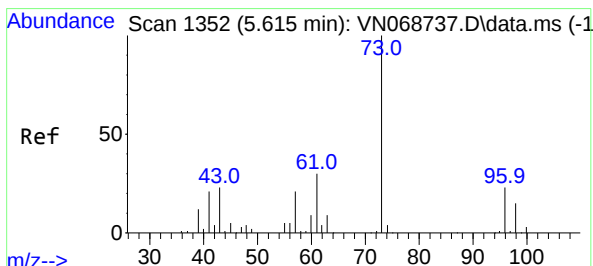
Tgt Ion: 168 Resp: 503589
Ion Ratio Lower Upper
168 100
99 61.0 62.9 94.3#



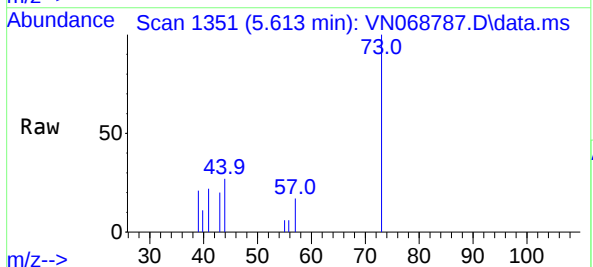
Instrument :
MSVOA_N
ClientSampleId :
MW178I-20210921

Manual Integrations
APPROVED

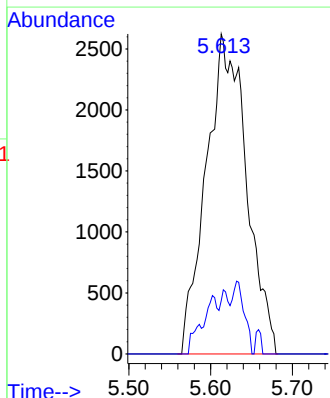
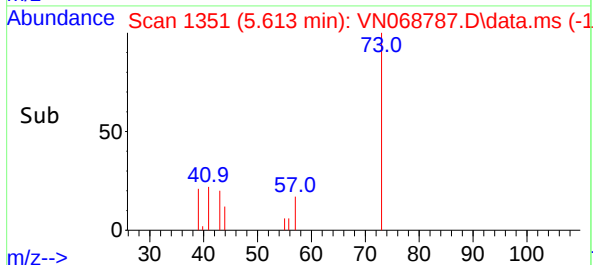
MMDadoda
10/4/2021 5:51:17 PM

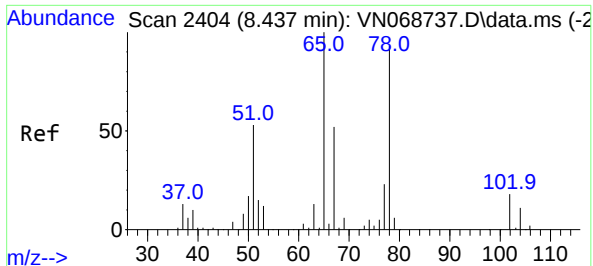


#19
Methyl tert-butyl Ether
Concen: 0.478 ug/l m
RT: 5.613 min Scan# 1351
Delta R.T. -0.002 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52



Tgt Ion: 73 Resp: 8974
Ion Ratio Lower Upper
73 100
57 16.6 17.0 25.6#





#33

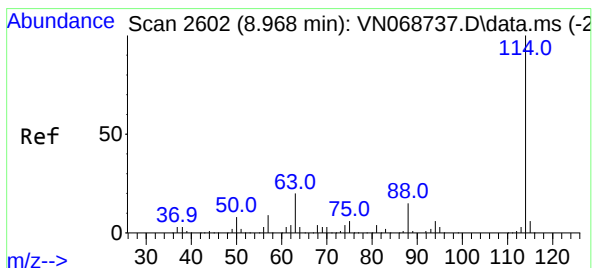
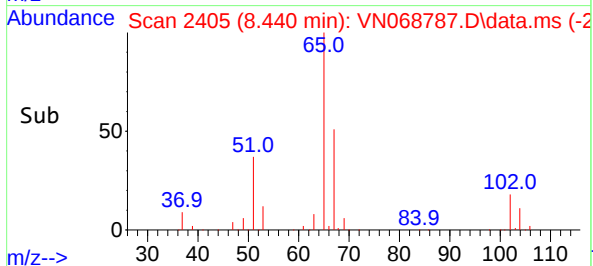
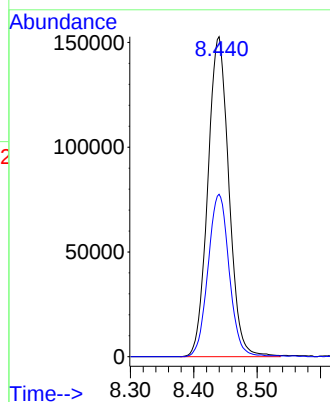
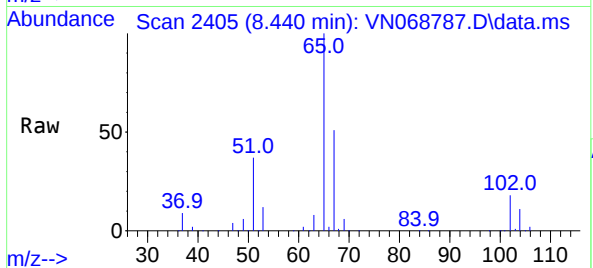
1,2-Dichloroethane-d4
Concen: 50.336 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Tgt Ion: 65 Resp: 353187
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.6

Instrument :
MSVOA_N
ClientSampleId :
MW178I-20210921

Manual Integrations
APPROVED

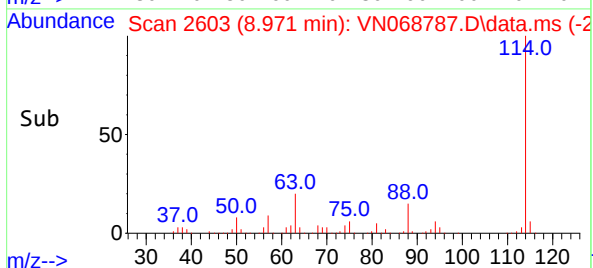
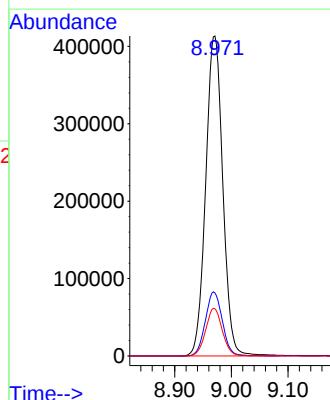
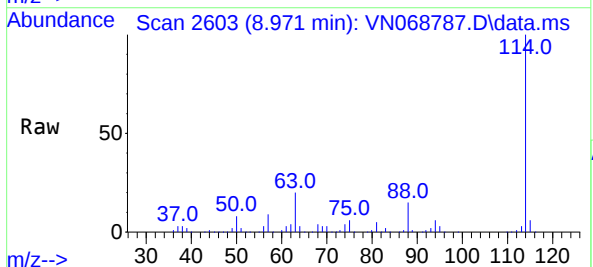
MMDadoda
10/4/2021 5:51:17 PM

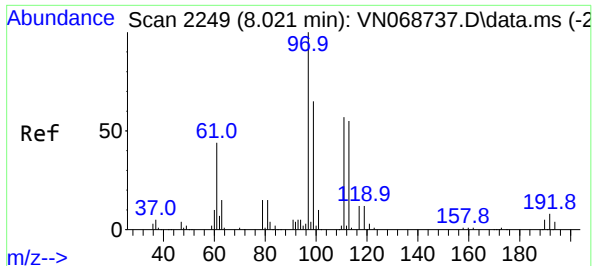


#34

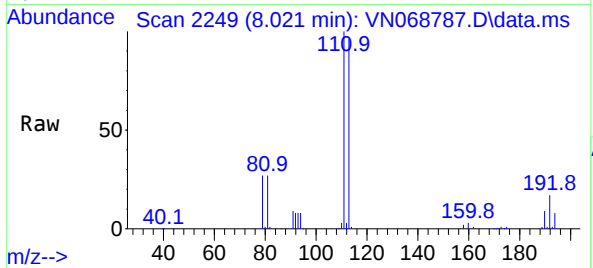
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Tgt Ion: 114 Resp: 867612
Ion Ratio Lower Upper
114 100
63 19.7 0.0 49.0
88 14.7 0.0 36.6

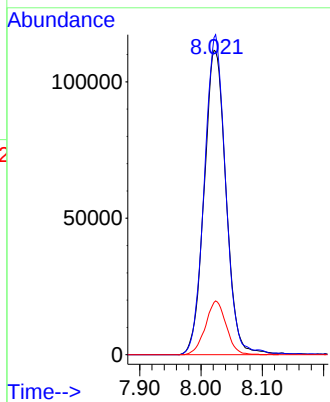
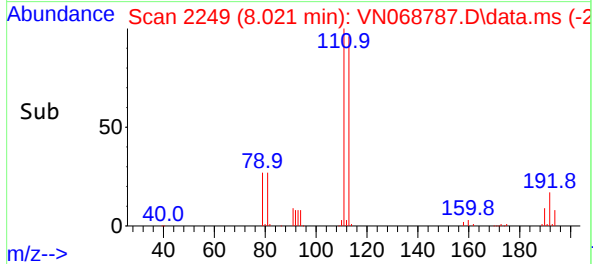




#35
Dibromofluoromethane
Concen: 51.259 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52



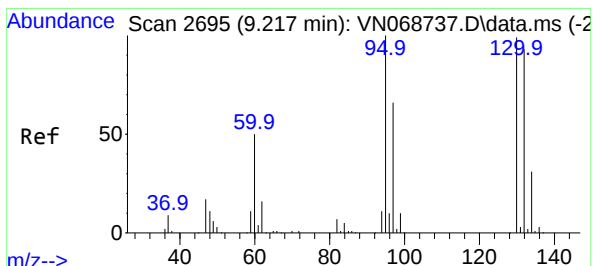
Tgt Ion:113 Resp: 276321
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.8
192 16.8 13.4 20.0



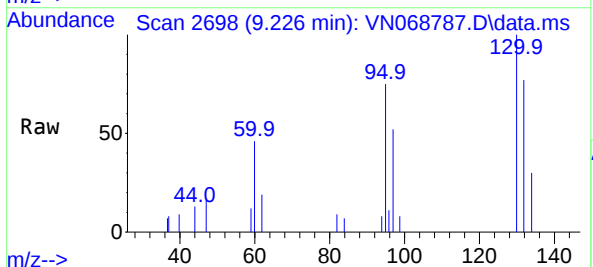
Instrument :
MSVOA_N
ClientSampleId :
MW178I-20210921

Manual Integrations
APPROVED

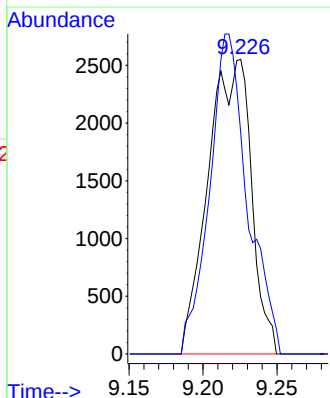
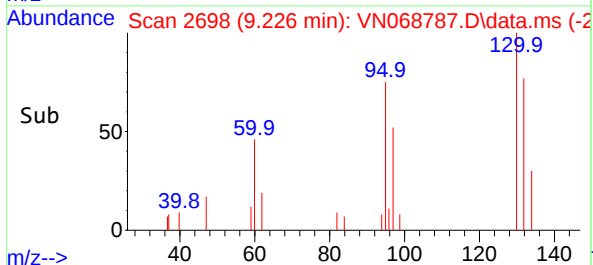
MMDadoda
10/4/2021 5:51:17 PM

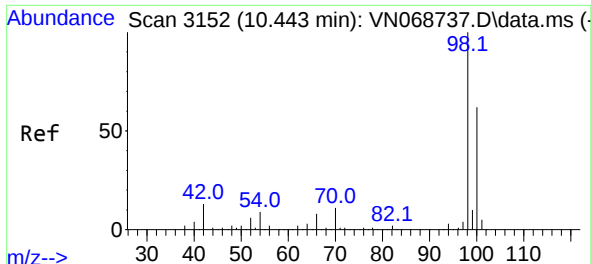


#44
Trichloroethene
Concen: 0.784 ug/l m
RT: 9.226 min Scan# 2698
Delta R.T. 0.009 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52



Tgt Ion:130 Resp: 5201
Ion Ratio Lower Upper
130 100
95 75.0 0.0 234.4





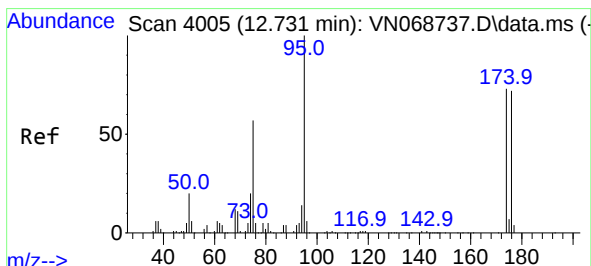
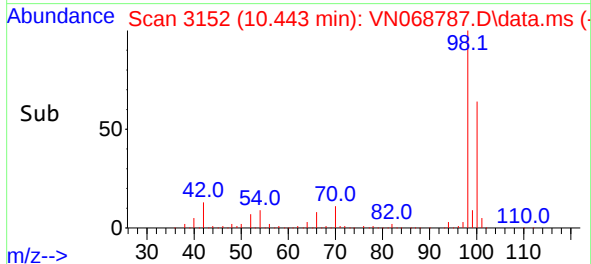
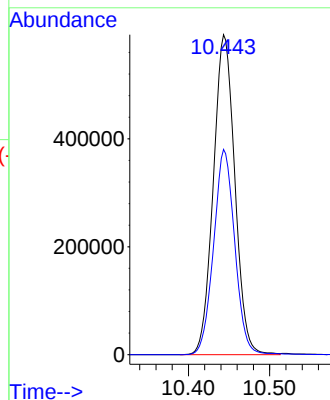
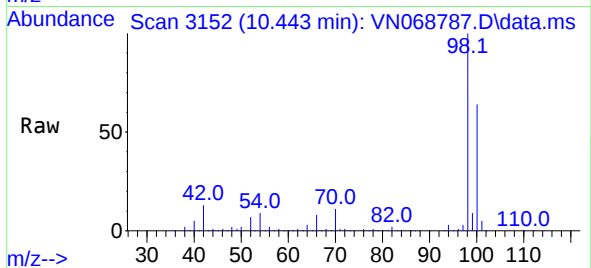
#50
Toluene-d8
Concen: 55.402 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Tgt Ion: 98 Resp: 1091331
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5

Instrument :
MSVOA_N
ClientSampleId :
MW178I-20210921

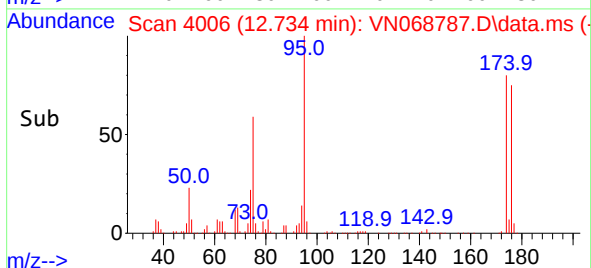
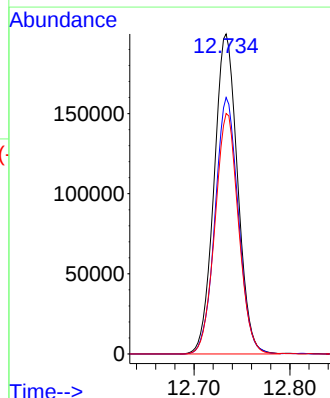
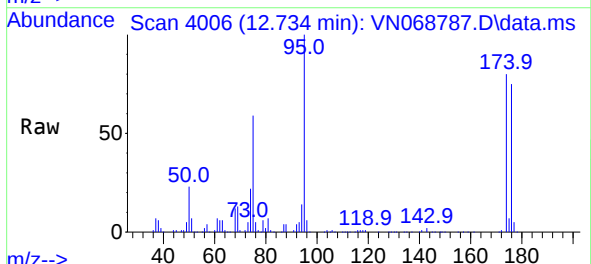
Manual Integrations
APPROVED

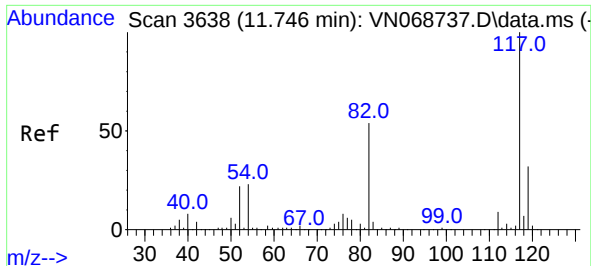
MMDadoda
10/4/2021 5:51:17 PM



#62
4-Bromofluorobenzene
Concen: 49.609 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Tgt Ion: 95 Resp: 339562
Ion Ratio Lower Upper
95 100
174 79.4 0.0 122.0
176 75.2 0.0 117.6





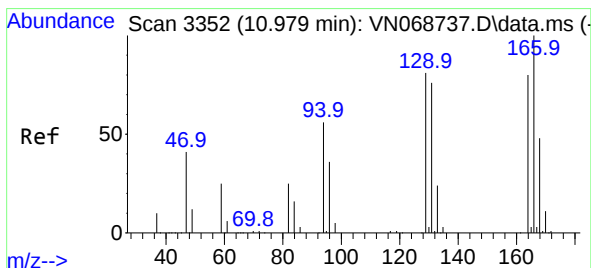
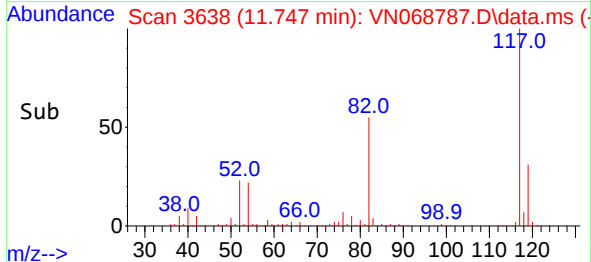
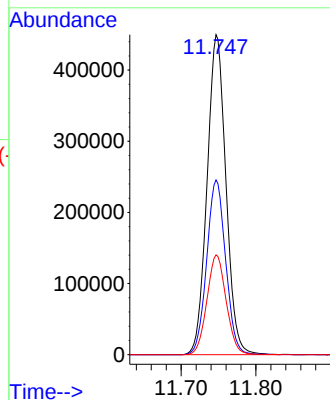
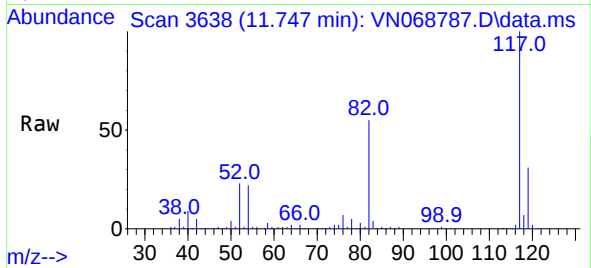
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Tgt Ion:117 Resp: 790491
Ion Ratio Lower Upper
117 100
82 54.6 53.1 79.7
119 31.2 25.5 38.3

Instrument :
MSVOA_N
ClientSampleId :
MW178I-20210921

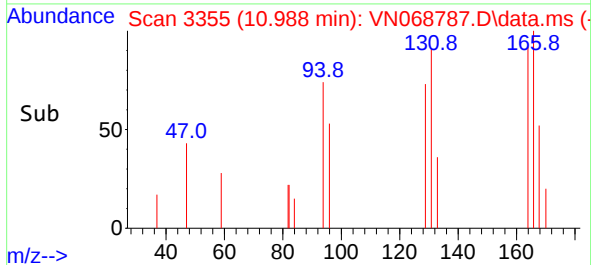
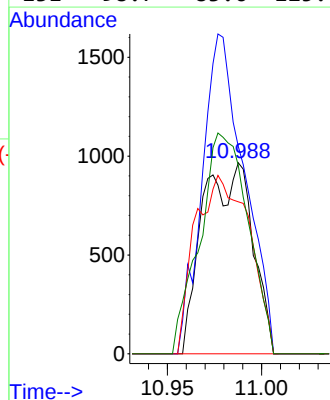
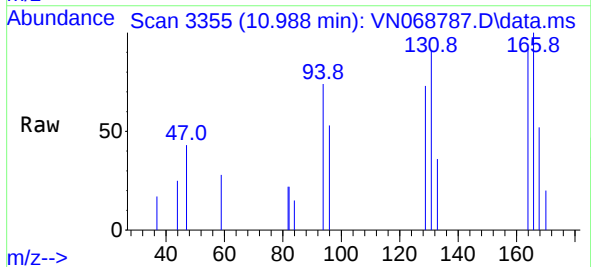
Manual Integrations
APPROVED

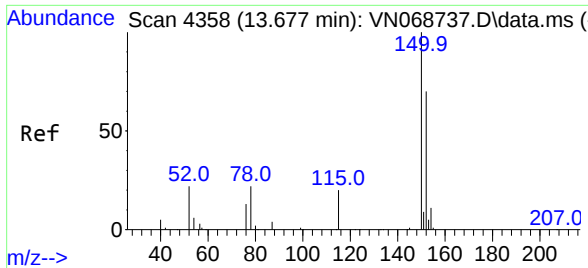
MMDadoda
10/4/2021 5:51:17 PM



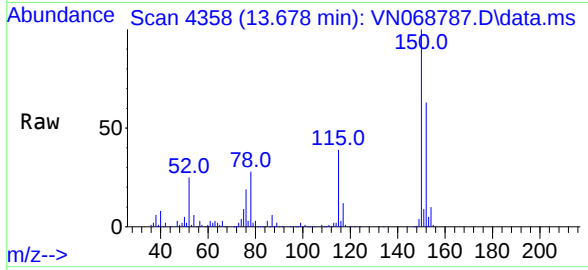
#64
Tetrachloroethene
Concen: 0.302 ug/l m
RT: 10.988 min Scan# 3355
Delta R.T. 0.009 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Tgt Ion:164 Resp: 1782
Ion Ratio Lower Upper
164 100
166 108.5 102.1 153.1
129 79.5 86.9 130.3#
131 98.7 83.6 125.4

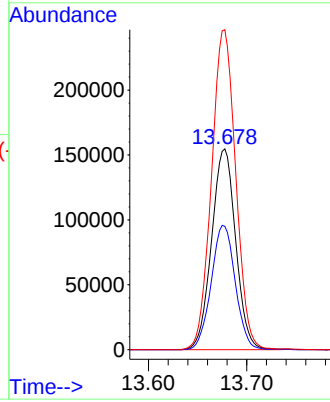
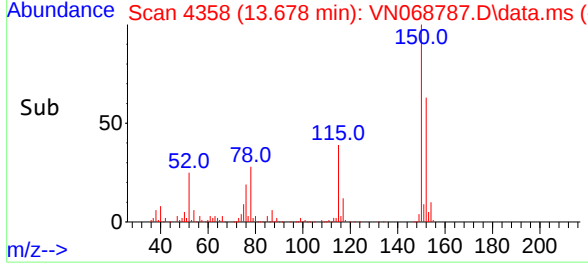




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52



Tgt Ion:152 Resp: 263150
Ion Ratio Lower Upper
152 100
115 61.9 36.1 108.5
150 160.1 0.0 351.8



Instrument :
MSVOA_N
ClientSampleId :
MW178I-20210921

Manual Integrations
APPROVED

MMDadoda
10/4/2021 5:51:17 PM