

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068786.D
 Acq On : 1 Oct 2021 16:27
 Operator : JC/MD
 Sample : M3915-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW178S-20210921

Manual Integrations
 APPROVED

MMDadoda
 10/4/2021 5:51:16 PM

Quant Time: Oct 02 04:00:48 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	496368	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	864412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	738928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	250510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	354287	51.227	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.460%
35) Dibromofluoromethane	8.024	113	273474	50.919	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.840%
50) Toluene-d8	10.443	98	1075695	54.810	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	109.620%
62) 4-Bromofluorobenzene	12.731	95	324923	47.646	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.300%
Target Compounds						
19) Methyl tert-butyl Ether	5.621	73	15730m	0.850	ug/l	Qvalue
44) Trichloroethene	9.220	130	2187m	0.331	ug/l	

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

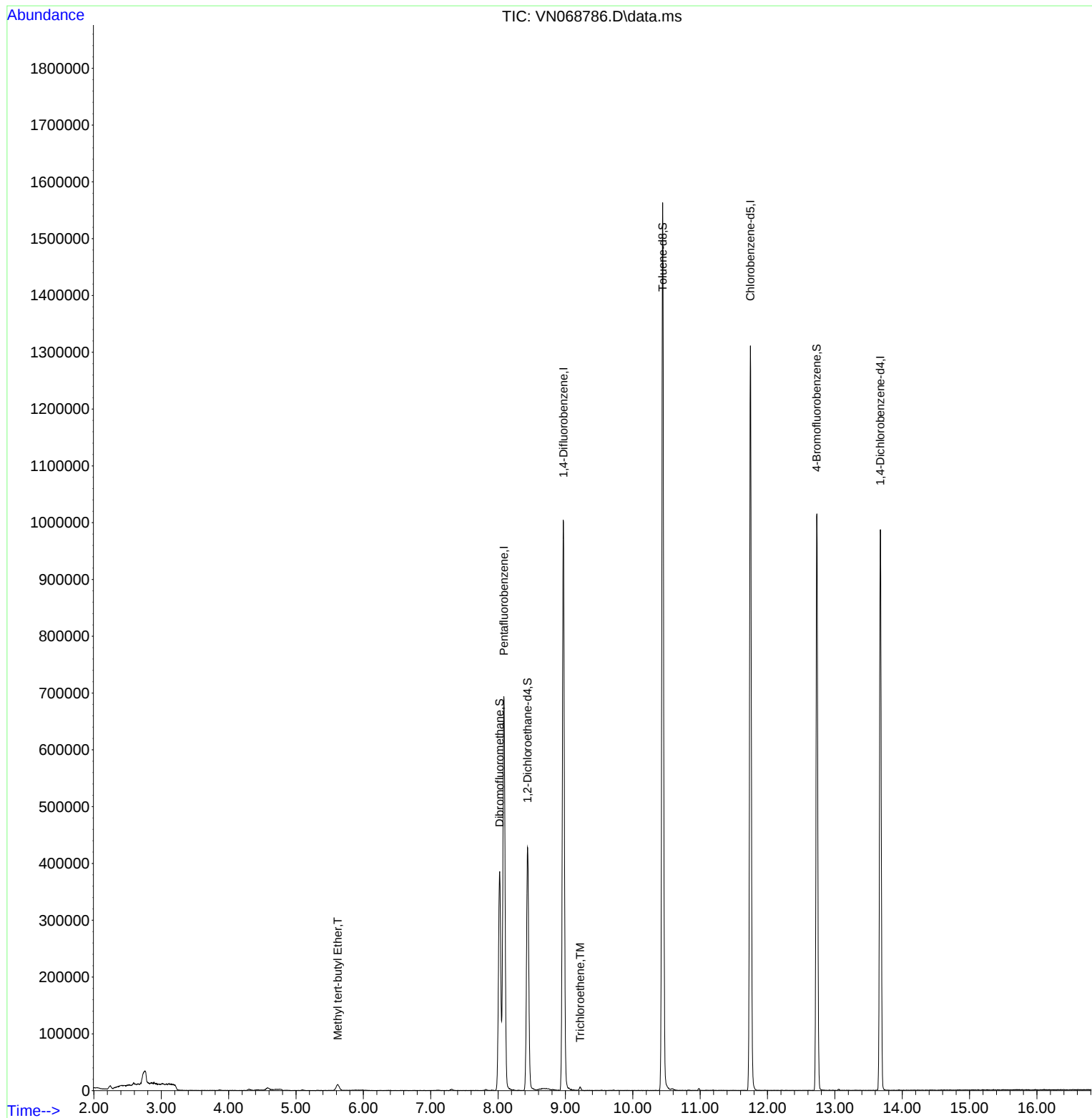
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
Data File : VN068786.D
Acq On : 1 Oct 2021 16:27
Operator : JC/MD
Sample : M3915-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

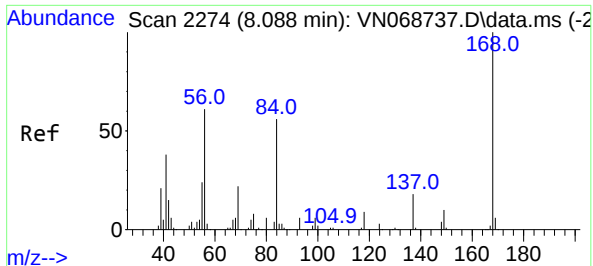
Instrument :
MSVOA_N
ClientSampleId :
MW178S-20210921

Manual Integrations
APPROVED

MMDadoda
10/4/2021 5:51:16 PM

Quant Time: Oct 02 04:00:48 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





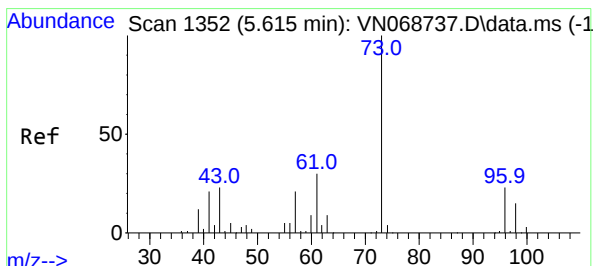
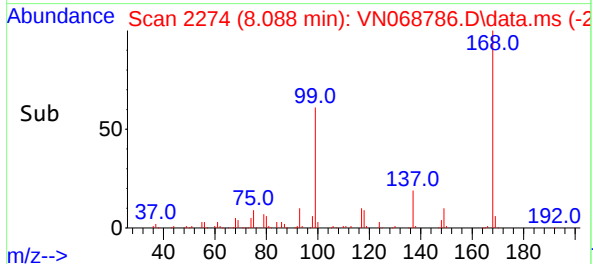
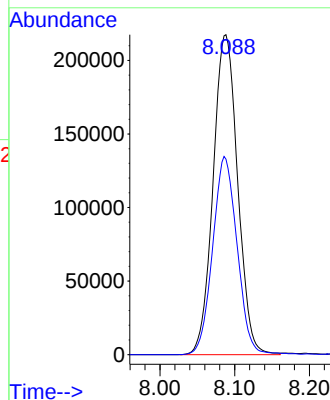
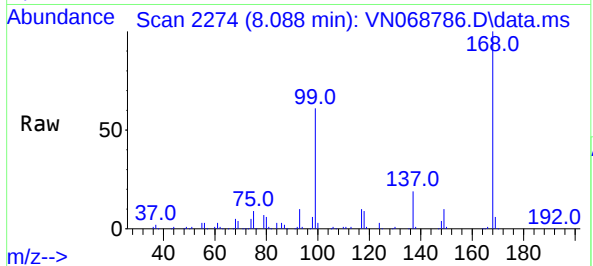
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

Tgt Ion: 168 Resp: 496368
Ion Ratio Lower Upper
168 100
99 61.1 62.9 94.3#

Instrument :
MSVOA_N
ClientSampleId :
MW178S-20210921

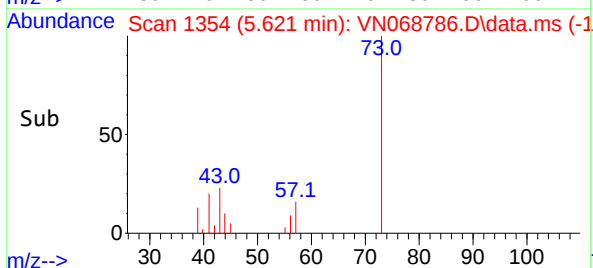
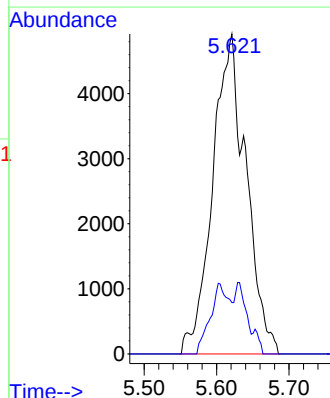
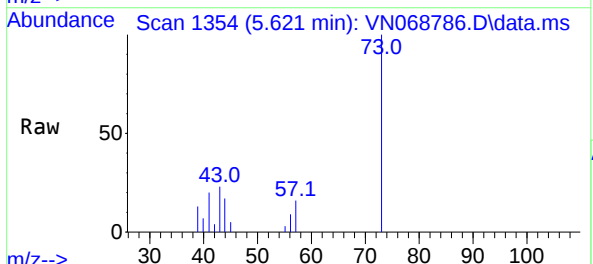
Manual Integrations
APPROVED

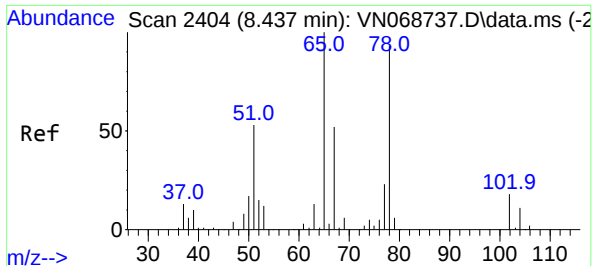
MMDadoda
10/4/2021 5:51:16 PM



#19
Methyl tert-butyl Ether
Concen: 0.850 ug/l m
RT: 5.621 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

Tgt Ion: 73 Resp: 15730
Ion Ratio Lower Upper
73 100
57 16.0 17.0 25.6#





#33

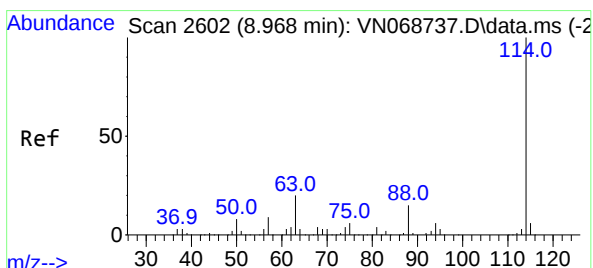
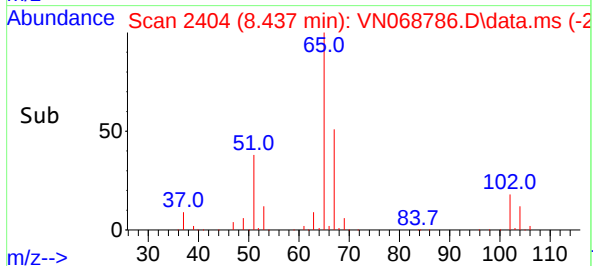
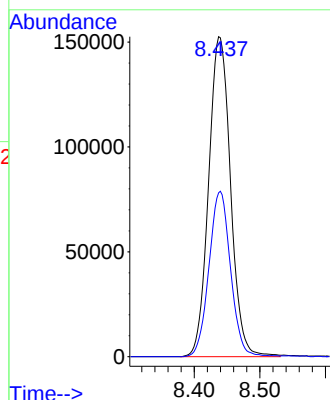
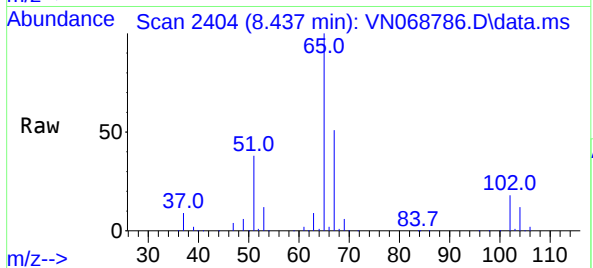
1,2-Dichloroethane-d4
Concen: 51.227 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

Tgt Ion: 65 Resp: 354287
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.6

Instrument :
MSVOA_N
ClientSampleId :
MW178S-20210921

Manual Integrations
APPROVED

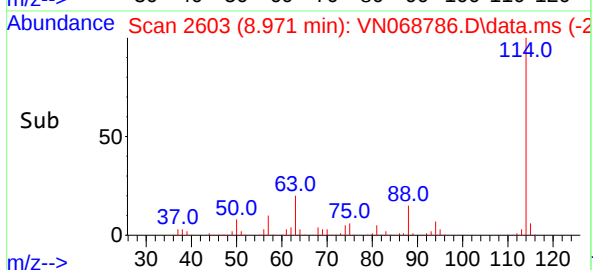
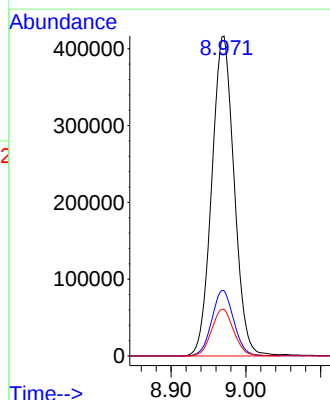
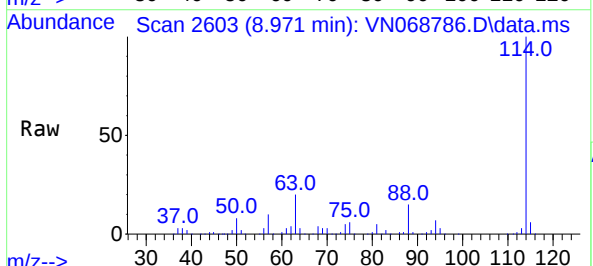
MMDadoda
10/4/2021 5:51:16 PM

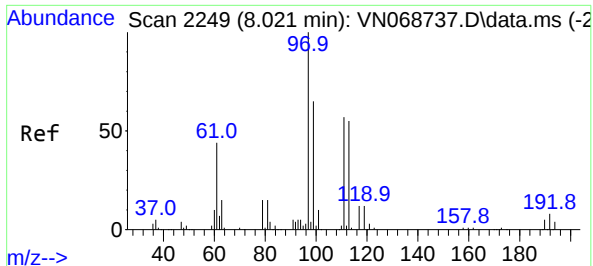


#34

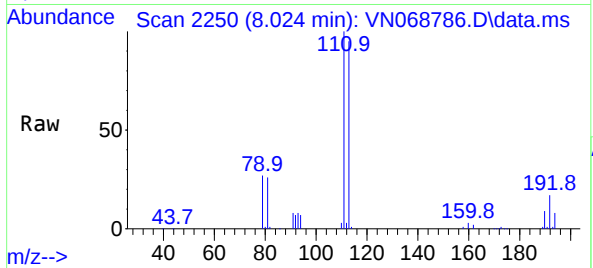
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

Tgt Ion: 114 Resp: 864412
Ion Ratio Lower Upper
114 100
63 20.4 0.0 49.0
88 14.6 0.0 36.6

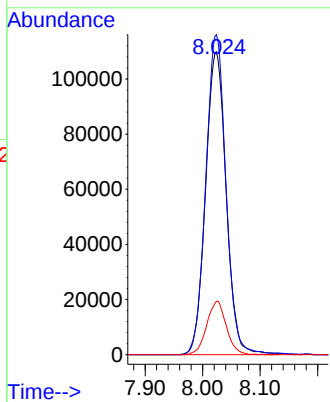
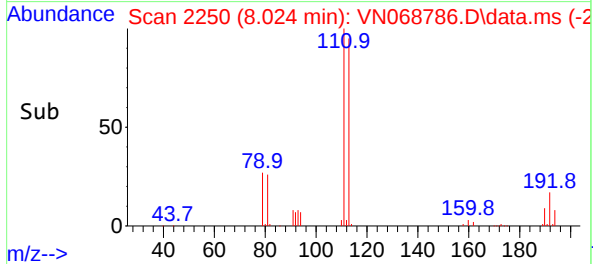




#35
Dibromofluoromethane
Concen: 50.919 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27



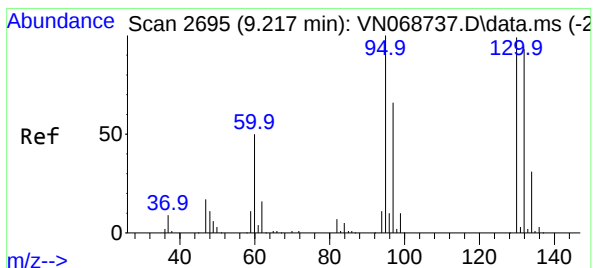
Tgt Ion:113 Resp: 273474
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.8
192 16.8 13.4 20.0



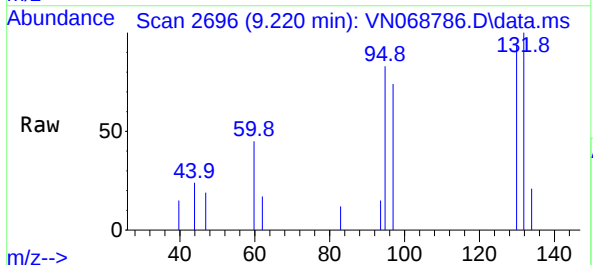
Instrument :
MSVOA_N
ClientSampleId :
MW178S-20210921

Manual Integrations
APPROVED

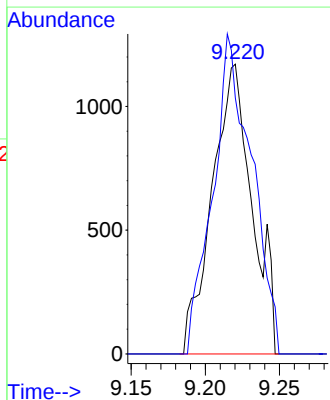
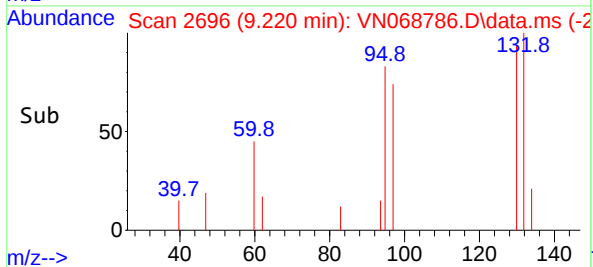
MMDadoda
10/4/2021 5:51:16 PM

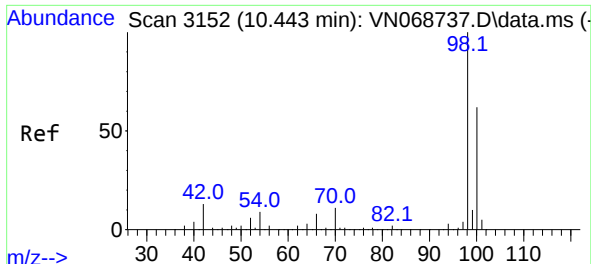


#44
Trichloroethene
Concen: 0.331 ug/l m
RT: 9.220 min Scan# 2696
Delta R.T. 0.003 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27



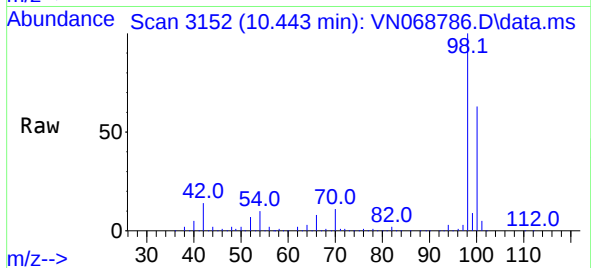
Tgt Ion:130 Resp: 2187
Ion Ratio Lower Upper
130 100
95 88.4 0.0 234.4





#50
Toluene-d8
Concen: 54.810 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

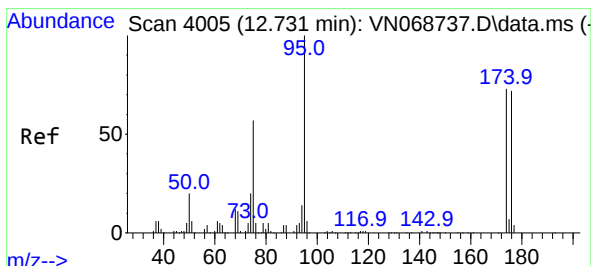
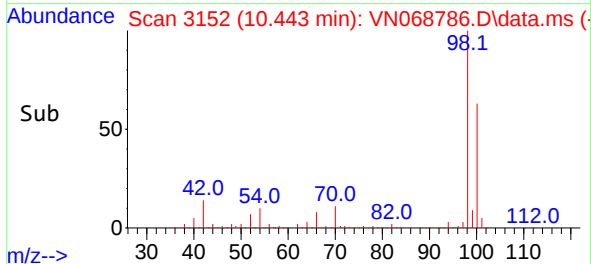
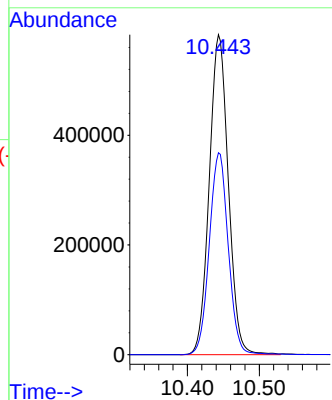
Instrument :
MSVOA_N
ClientSampleId :
MW178S-20210921



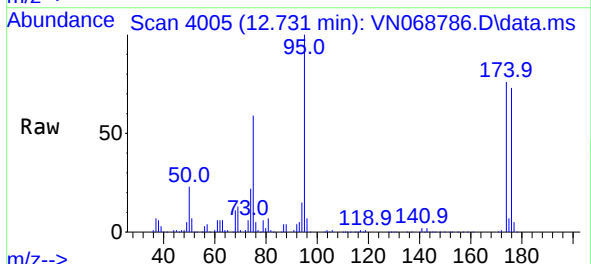
Tgt Ion: 98 Resp: 1075695
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5

Manual Integrations
APPROVED

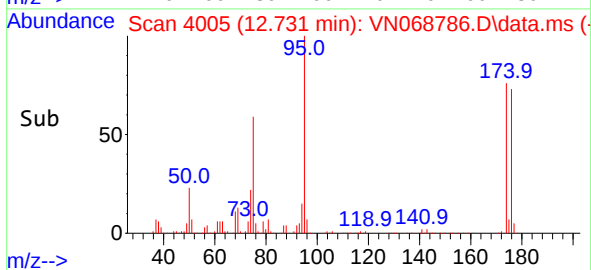
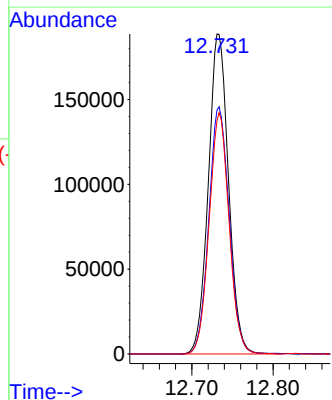
MMDadoda
10/4/2021 5:51:16 PM

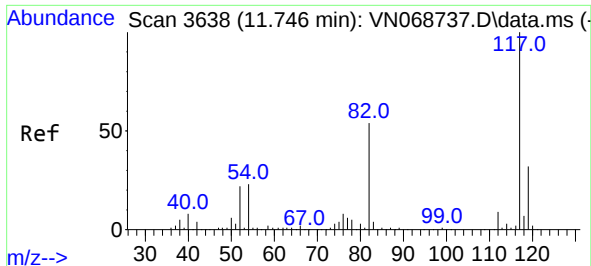


#62
4-Bromofluorobenzene
Concen: 47.646 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

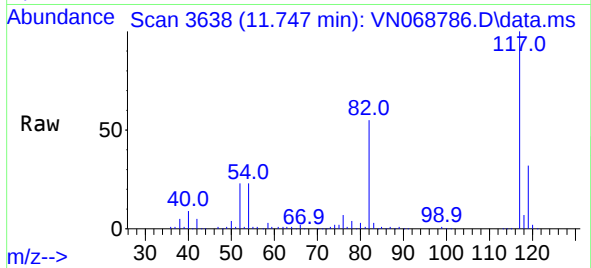


Tgt Ion: 95 Resp: 324923
Ion Ratio Lower Upper
95 100
174 78.1 0.0 122.0
176 74.4 0.0 117.6

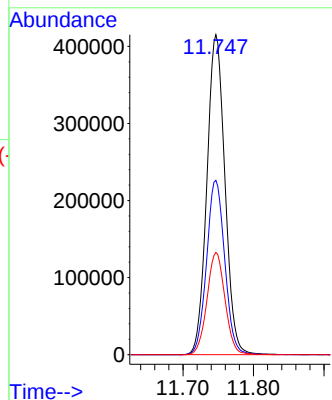
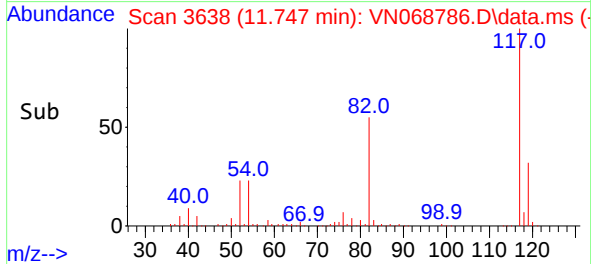




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27



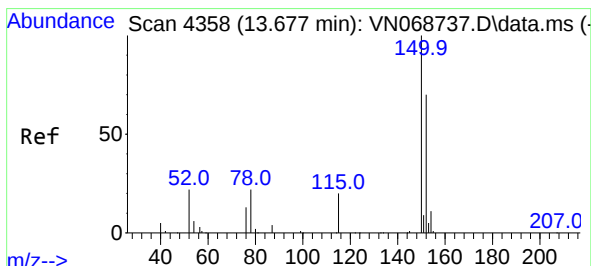
Tgt Ion:117 Resp: 738928
Ion Ratio Lower Upper
117 100
82 54.5 53.1 79.7
119 31.9 25.5 38.3



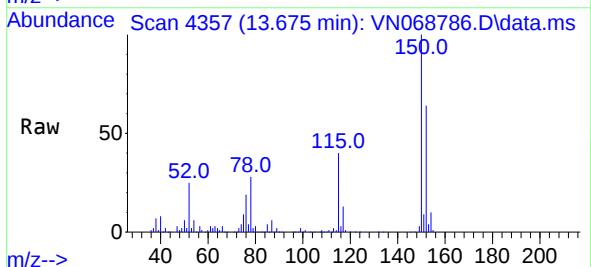
Instrument :
MSVOA_N
ClientSampleId :
MW178S-20210921

Manual Integrations
APPROVED

MMDadoda
10/4/2021 5:51:16 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27



Tgt Ion:152 Resp: 250510
Ion Ratio Lower Upper
152 100
115 61.5 36.1 108.5
150 157.6 0.0 351.8

