

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092121\
 Data File : VN068584.D
 Acq On : 21 Sep 2021 16:01
 Operator : JC/MD
 Sample : M3781-08DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D2-20210915DL

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:35:00 AM

Quant Time: Sep 21 16:36:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	602798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	982411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	851317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	348210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	328167	59.349	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 118.700%			
35) Dibromofluoromethane	8.024	113	285879	48.248	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.500%			
50) Toluene-d8	10.443	98	1157009	47.781	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.560%			
62) 4-Bromofluorobenzene	12.734	95	334363	42.427	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 84.860%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.205	96	1576m	0.333	ug/l	
27) cis-1,2-Dichloroethene	7.327	96	31648	4.984	ug/l	96
44) Trichloroethene	9.220	130	281767	36.707	ug/l	92
64) Tetrachloroethene	10.982	164	18258	2.420	ug/l	93

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

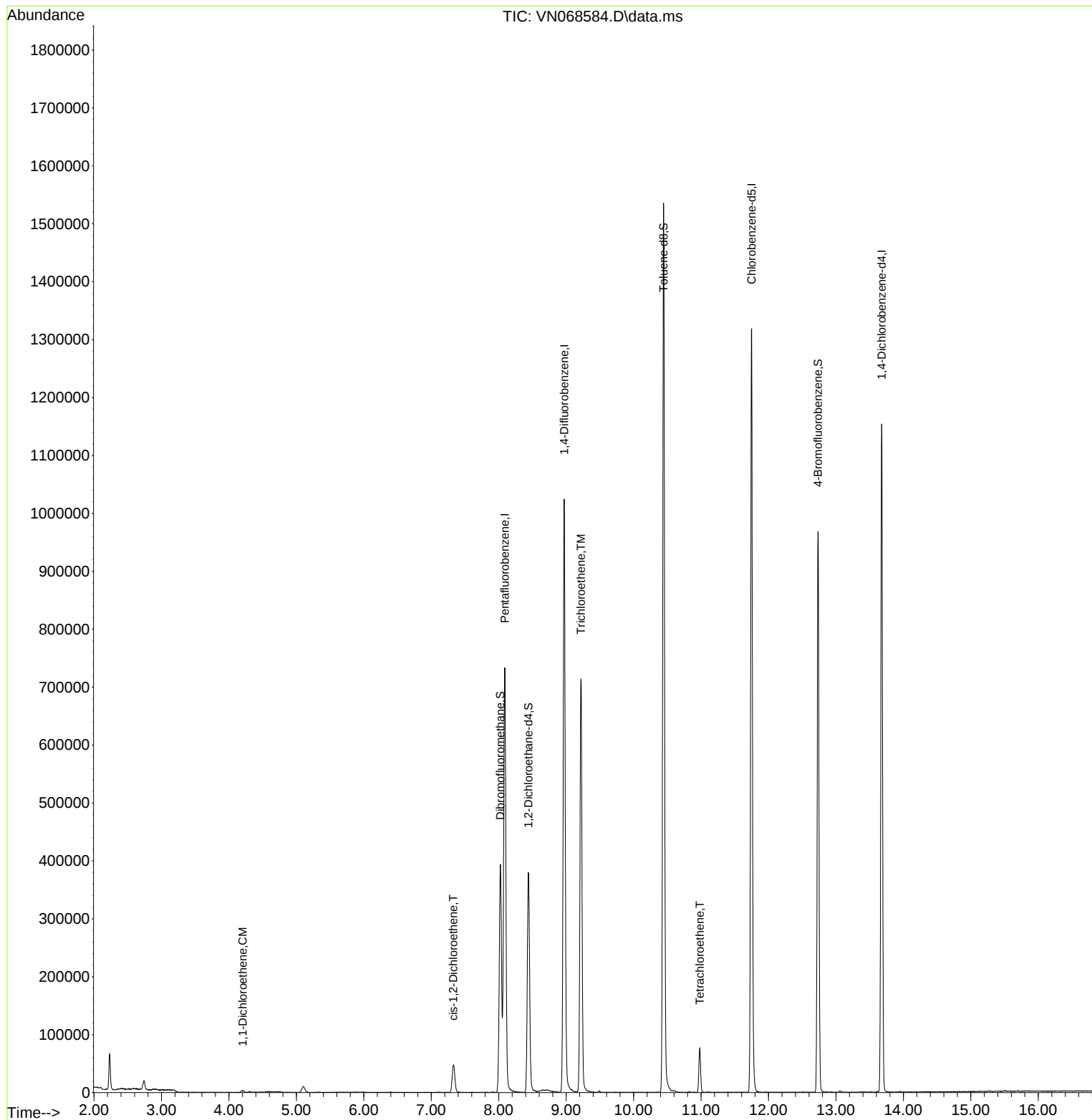
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092121\
Data File : VN068584.D
Acq On : 21 Sep 2021 16:01
Operator : JC/MD
Sample : M3781-08DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

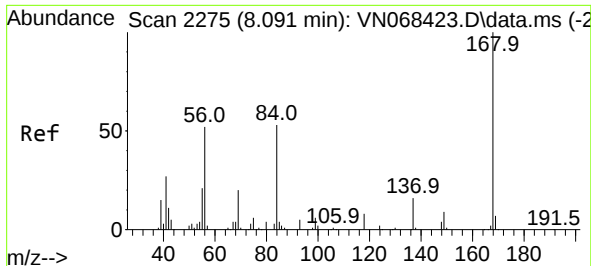
Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20210915DL

Manual Integrations
APPROVED

MMDadoda
9/23/2021 11:35:00 AM

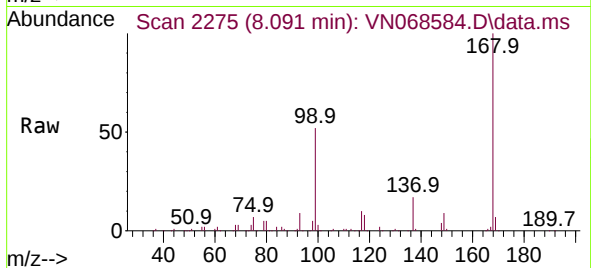
Quant Time: Sep 21 16:36:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 17 11:02:11 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN068584.D
Acq: 21 Sep 2021 16:01

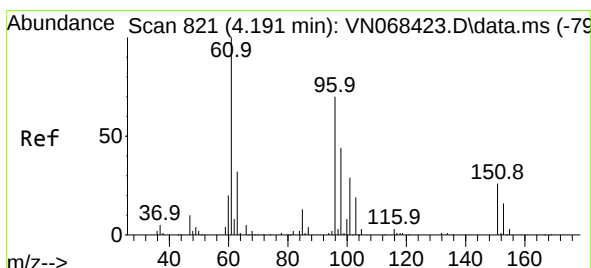
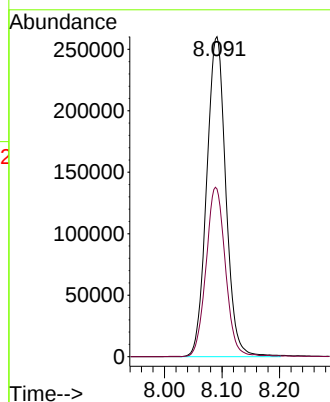
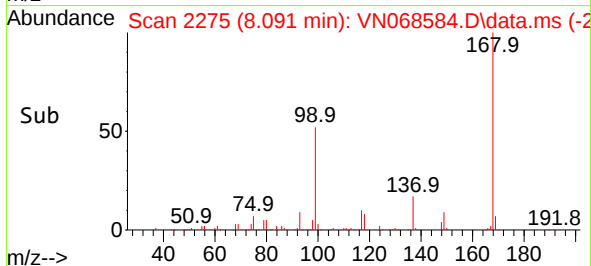
Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20210915DL



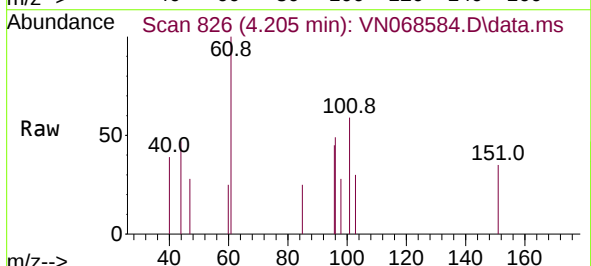
Tgt Ion:168 Resp: 602798
Ion Ratio Lower Upper
168 100
99 52.3 38.2 57.4

Manual Integrations
APPROVED

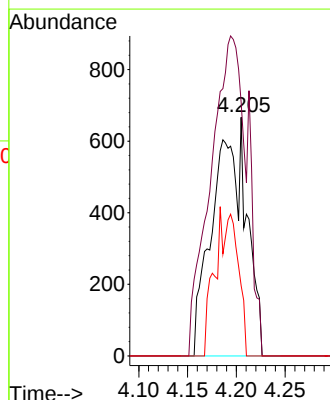
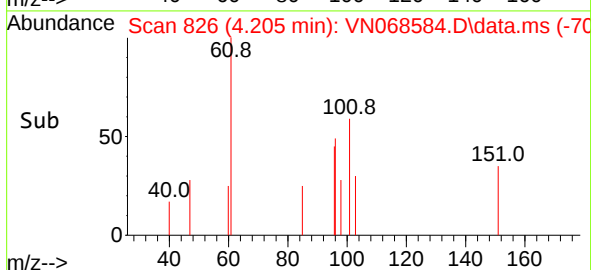
MMDadoda
9/23/2021 11:35:00 AM

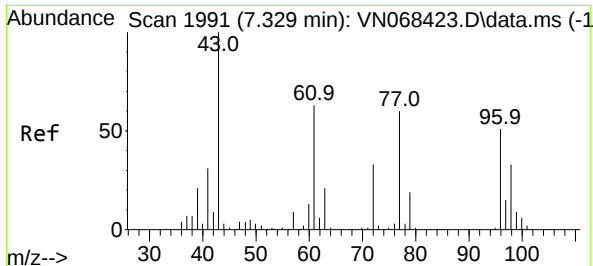


#12
1,1-Dichloroethene
Concen: 0.333 ug/l m
RT: 4.205 min Scan# 826
Delta R.T. 0.014 min
Lab File: VN068584.D
Acq: 21 Sep 2021 16:01



Tgt Ion: 96 Resp: 1576
Ion Ratio Lower Upper
96 100
61 205.2 114.7 172.1#
98 56.8 50.9 76.3





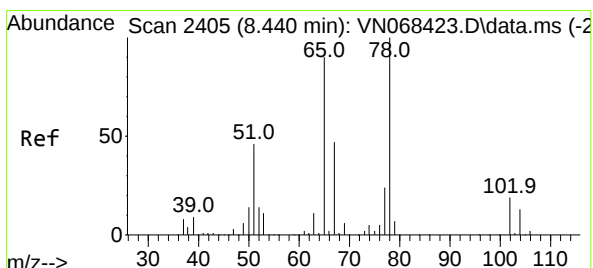
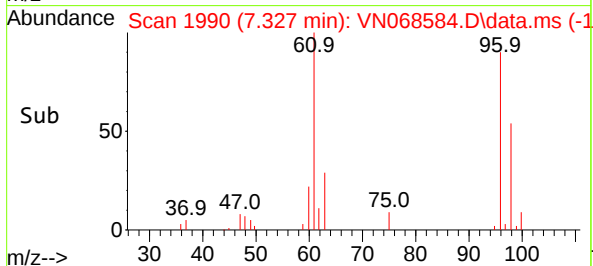
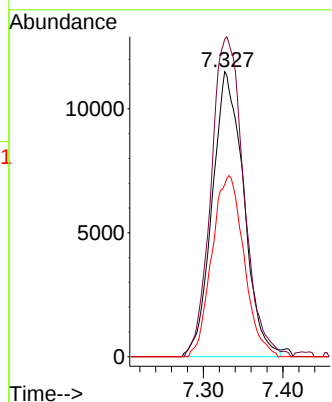
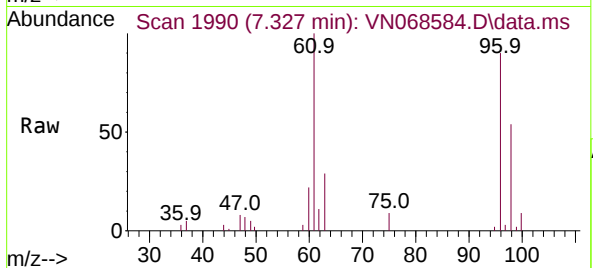
#27
cis-1,2-Dichloroethene
Concen: 4.984 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.002 min
Lab File: VN068584.D
Acq: 21 Sep 2021 16:01

Tgt Ion: 96 Resp: 31648
Ion Ratio Lower Upper
96 100
61 116.2 0.0 246.4
98 64.6 0.0 130.4

Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20210915DL

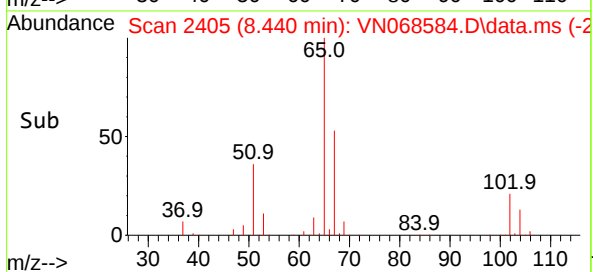
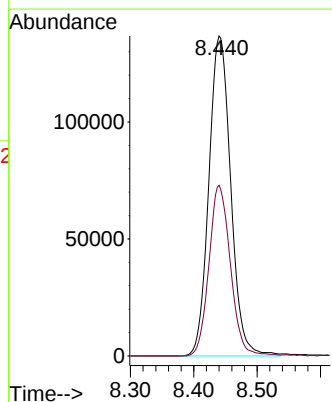
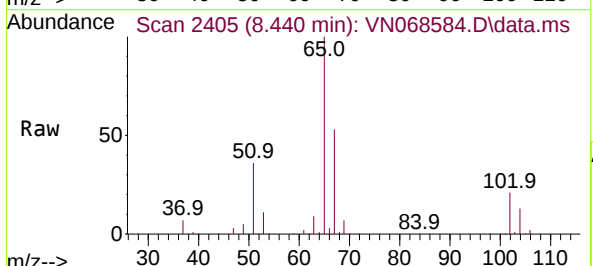
Manual Integrations
APPROVED

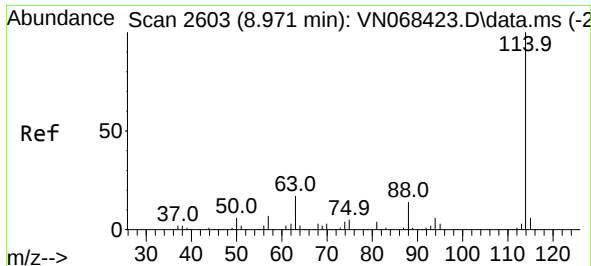
MMDadoda
9/23/2021 11:35:00 AM



#33
1,2-Dichloroethane-d4
Concen: 59.349 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068584.D
Acq: 21 Sep 2021 16:01

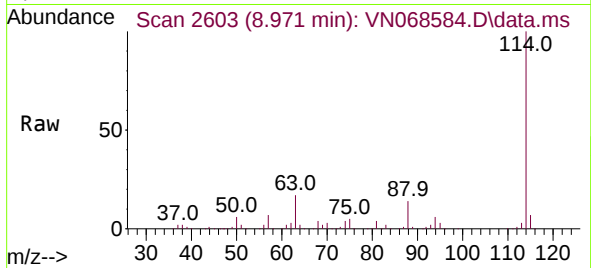
Tgt Ion: 65 Resp: 328167
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068584.D
Acq: 21 Sep 2021 16:01

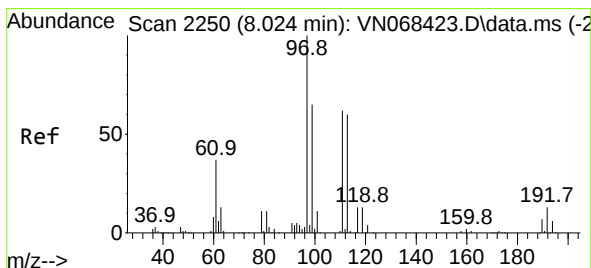
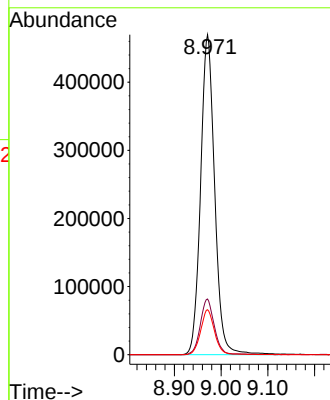
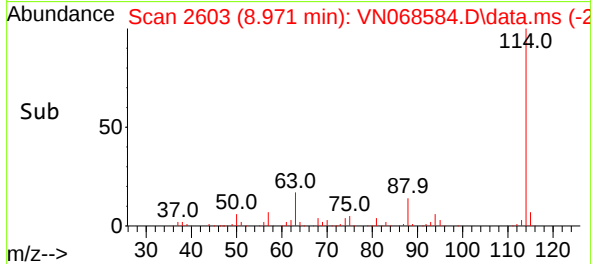
Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20210915DL



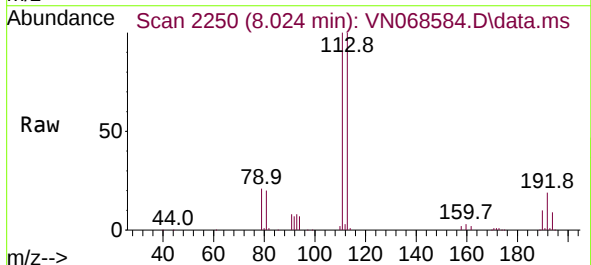
Tgt Ion:114 Resp: 982411
Ion Ratio Lower Upper
114 100
63 17.4 0.0 33.2
88 14.1 0.0 28.4

Manual Integrations
APPROVED

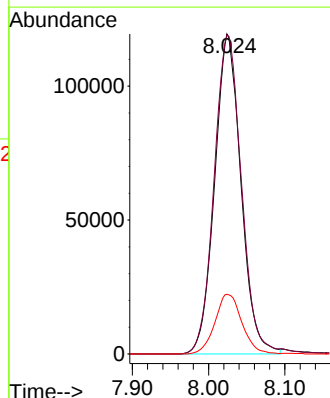
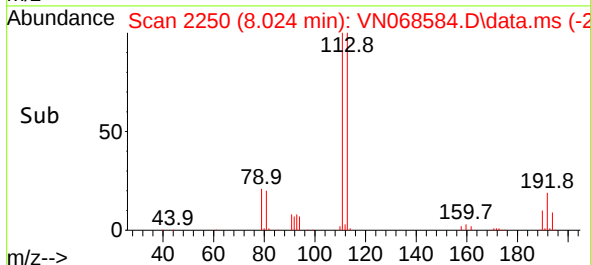
MMDadoda
9/23/2021 11:35:00 AM

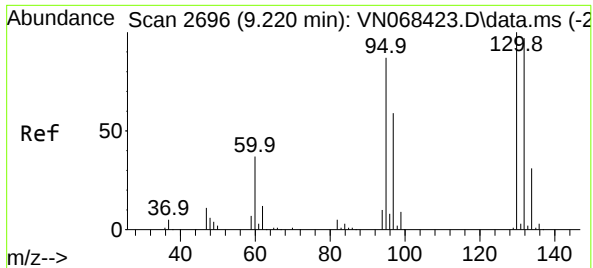


#35
Dibromofluoromethane
Concen: 48.248 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068584.D
Acq: 21 Sep 2021 16:01



Tgt Ion:113 Resp: 285879
Ion Ratio Lower Upper
113 100
111 104.1 81.1 121.7
192 19.2 17.7 26.5





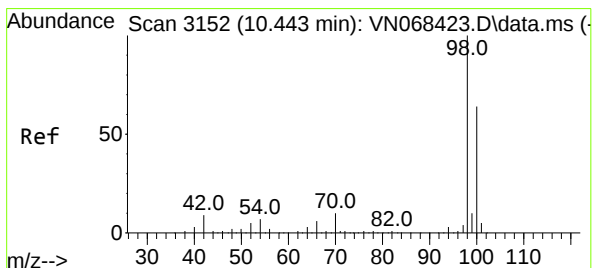
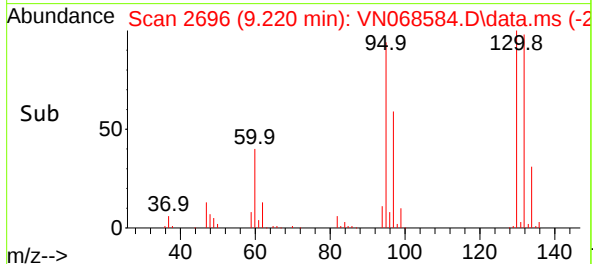
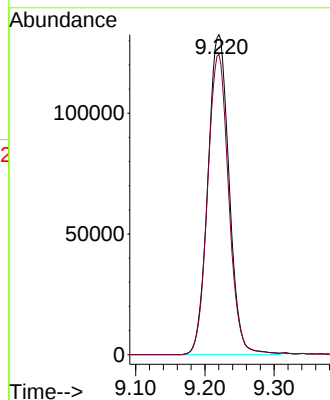
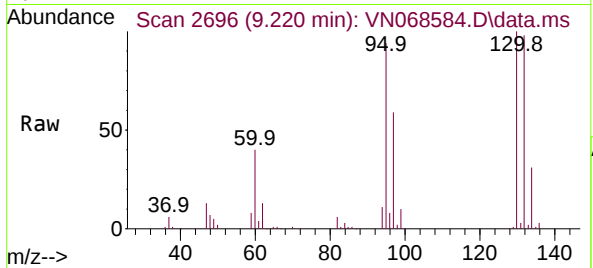
#44
Trichloroethene
Concen: 36.707 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.000 min
Lab File: VN068584.D
Acq: 21 Sep 2021 16:01

Tgt Ion:130 Resp: 281767
Ion Ratio Lower Upper
130 100
95 93.8 0.0 173.8

Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20210915DL

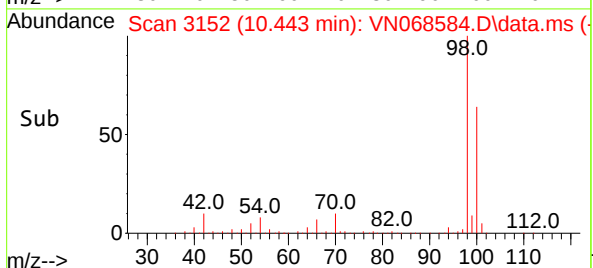
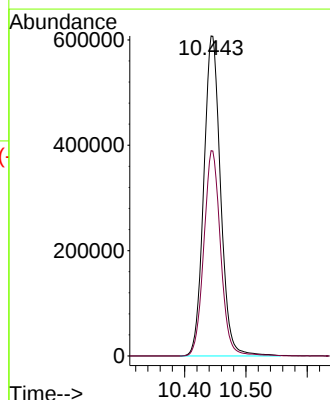
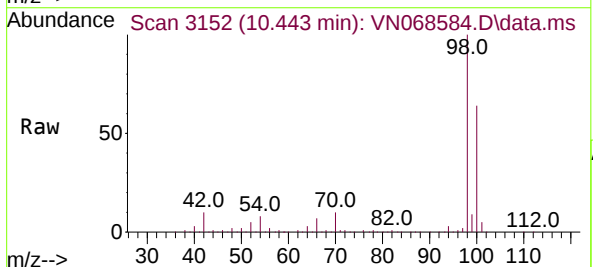
Manual Integrations
APPROVED

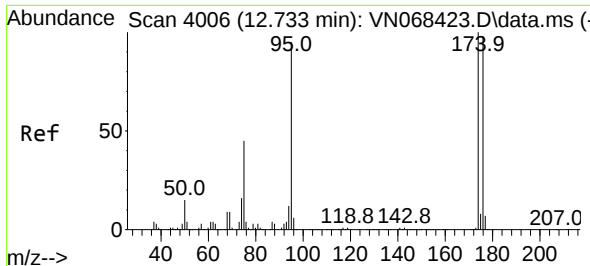
MMDadoda
9/23/2021 11:35:00 AM



#50
Toluene-d8
Concen: 47.781 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068584.D
Acq: 21 Sep 2021 16:01

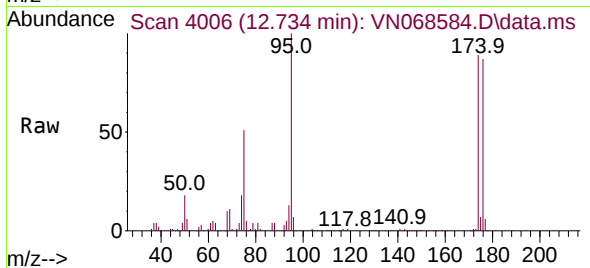
Tgt Ion: 98 Resp: 1157009
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.6





#62
4-Bromofluorobenzene
Concen: 42.427 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN068584.D
Acq: 21 Sep 2021 16:01

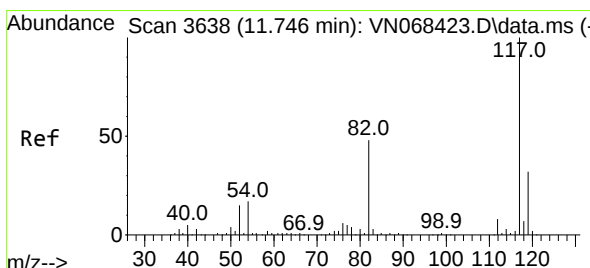
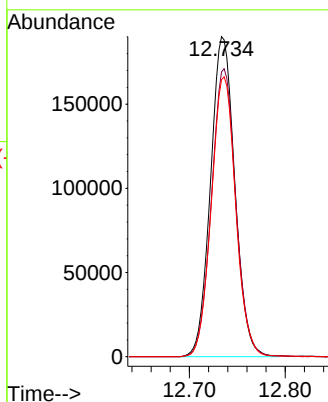
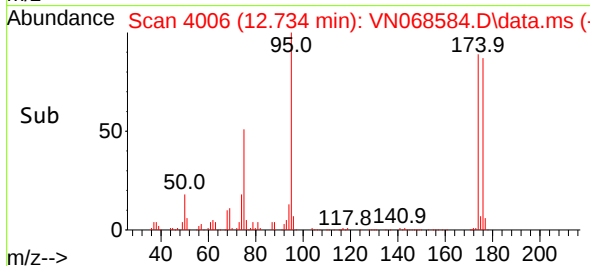
Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20210915DL



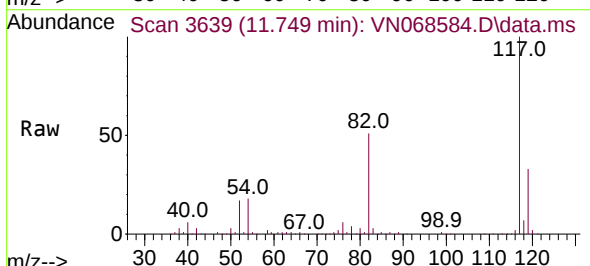
Tgt Ion: 95 Resp: 334363
Ion Ratio Lower Upper
95 100
174 90.6 0.0 214.0
176 87.8 0.0 205.4

Manual Integrations
APPROVED

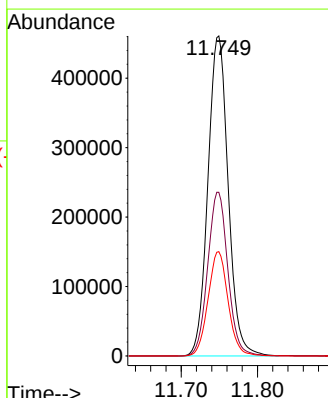
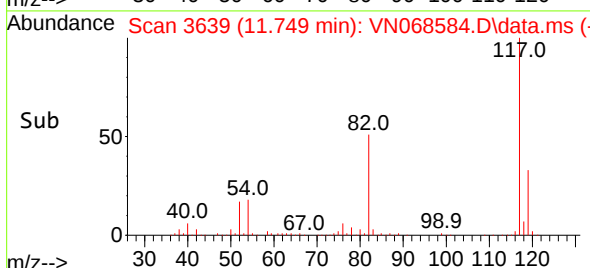
MMDadoda
9/23/2021 11:35:00 AM

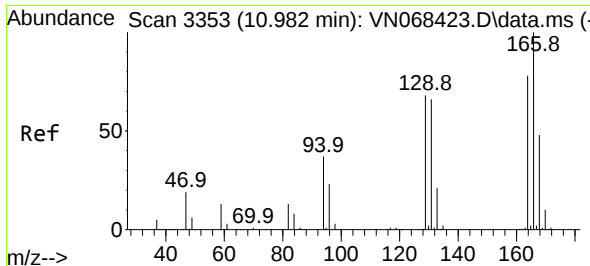


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068584.D
Acq: 21 Sep 2021 16:01

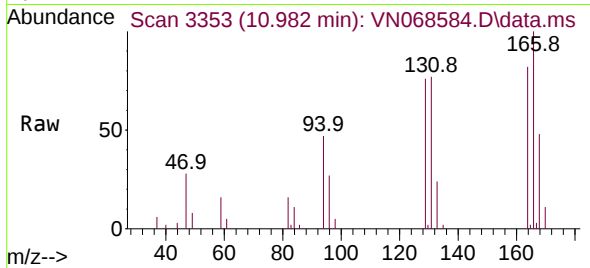


Tgt Ion: 117 Resp: 851317
Ion Ratio Lower Upper
117 100
82 51.2 38.7 58.1
119 32.6 25.5 38.3

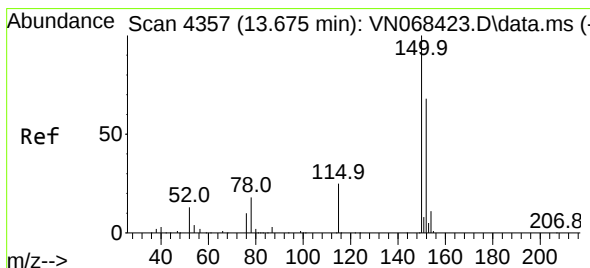
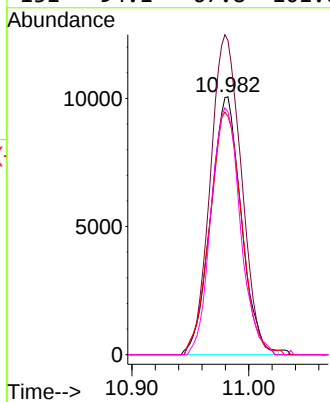
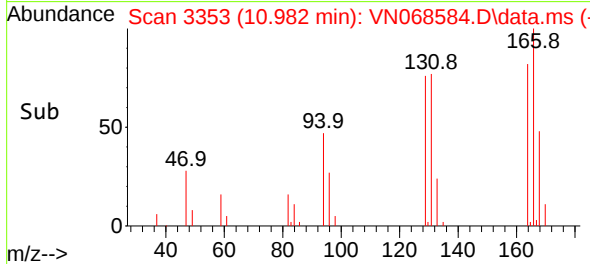




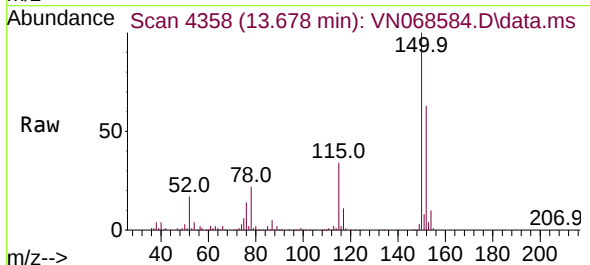
#64
Tetrachloroethene
Concen: 2.420 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.000 min
Lab File: VN068584.D
Acq: 21 Sep 2021 16:01



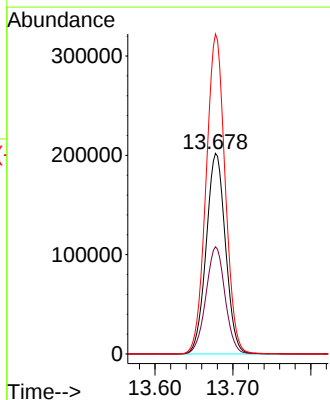
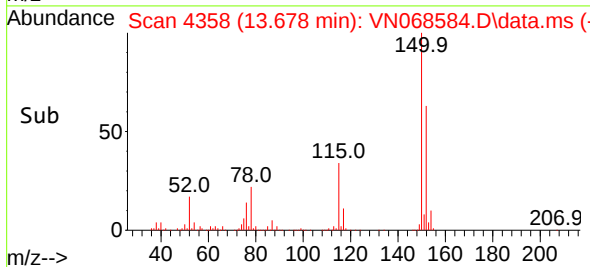
Tgt Ion:164 Resp: 18258
Ion Ratio Lower Upper
164 100
166 121.8 102.9 154.3
129 92.3 70.1 105.1
131 94.1 67.8 101.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068584.D
Acq: 21 Sep 2021 16:01



Tgt Ion:152 Resp: 348210
Ion Ratio Lower Upper
152 100
115 53.2 25.6 76.6
150 157.5 0.0 346.8



Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20210915DL

Manual Integrations
APPROVED

MMDadoda
9/23/2021 11:35:00 AM