

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
 Data File : VN067865.D
 Acq On : 22 Jul 2021 16:16
 Operator : JC/MD
 Sample : M3120-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-RW6B-IDWGW-20210719

Manual Integrations
 APPROVED

MMDadoda
 7/27/2021 3:39:07 PM

Quant Time: Jul 24 07:13:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	56982	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.970	114	318824	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	286737	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.439	65	149555	32.49	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.30%
60) 4-Bromofluorobenzene	12.733	95	116193	24.95	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.17%
63) Toluene-d8	10.443	98	407704	30.91	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.03%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.199	101	19417	6.51	ug/l	81
10) 1,1-Dichloroethene	4.183	96	5543m	2.01	ug/l	
22) cis-1,2-Dichloroethene	7.334	96	3439m	0.85	ug/l	
25) Chloroform	7.817	83	8396	1.19	ug/l	86
33) Carbon Tetrachloride	8.201	117	11786	2.25	ug/l	94
37) Trichloroethene	9.217	130	554495	142.74	ug/l	99

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

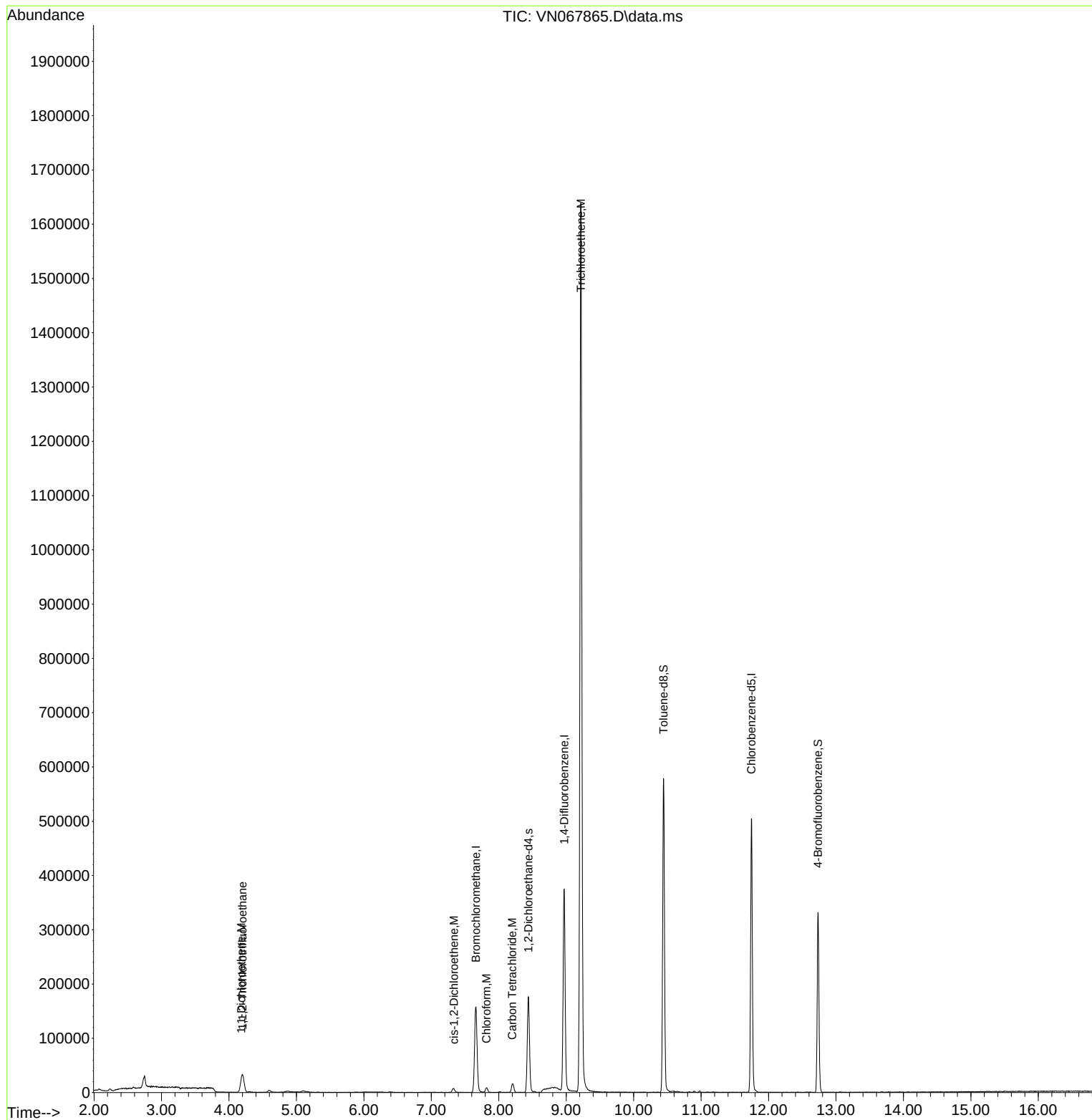
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
Data File : VN067865.D
Acq On : 22 Jul 2021 16:16
Operator : JC/MD
Sample : M3120-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

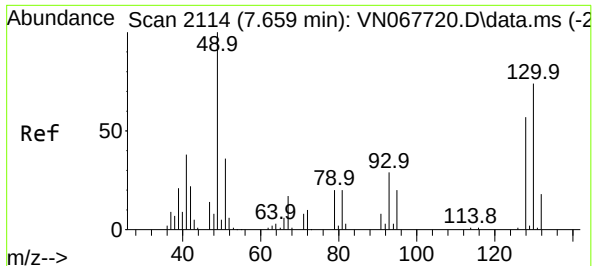
Instrument :
MSVOA_N
ClientSampleId :
TT-RW6B-IDWGW-20210719

Manual Integrations
APPROVED

MMDadoda
7/27/2021 3:39:07 PM

Quant Time: Jul 24 07:13:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 14 01:19:19 2021
Response via : Initial Calibration





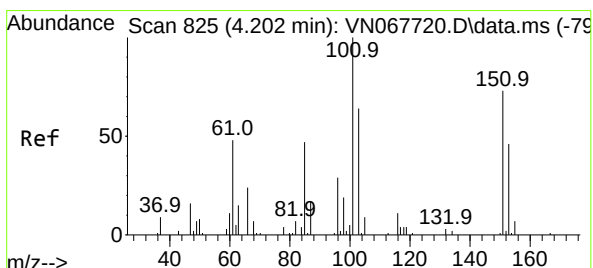
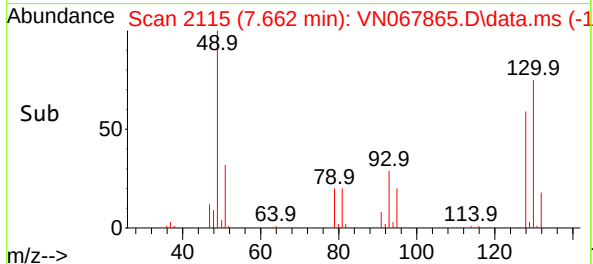
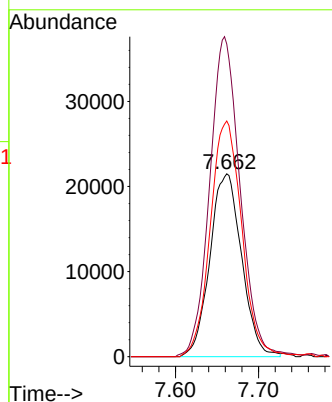
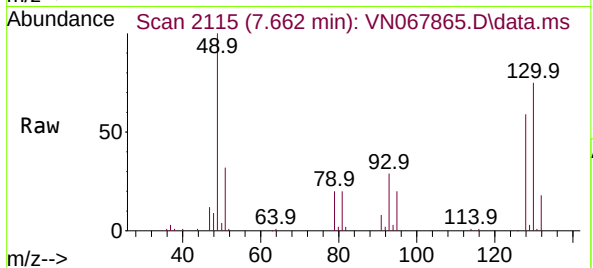
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN067865.D
Acq: 22 Jul 2021 16:16

Tgt Ion:128 Resp: 56982
Ion Ratio Lower Upper
128 100
49 168.3 0.0 433.0
130 127.7 0.0 323.8

Instrument :
MSVOA_N
ClientSampleId :
TT-RW6B-IDWGW-20210719

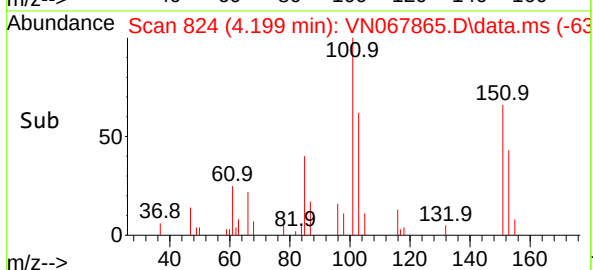
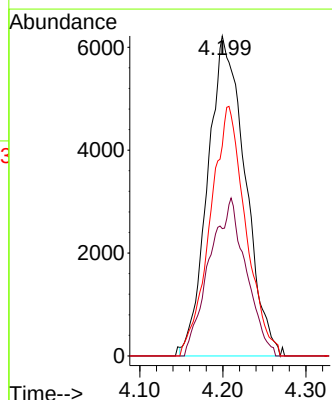
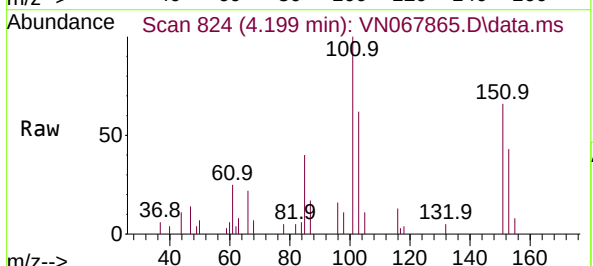
Manual Integrations
APPROVED

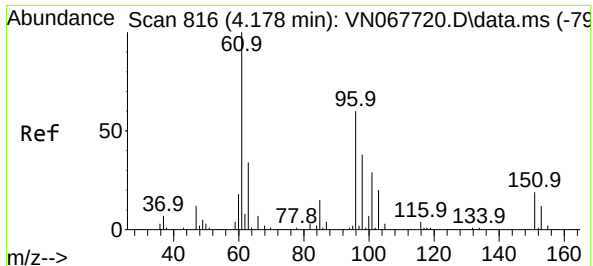
MMDadoda
7/27/2021 3:39:07 PM



#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.51 ug/l
RT: 4.199 min Scan# 824
Delta R.T. -0.003 min
Lab File: VN067865.D
Acq: 22 Jul 2021 16:16

Tgt Ion:101 Resp: 19417
Ion Ratio Lower Upper
101 100
85 20.0 0.0 98.0
151 74.4 0.0 143.8





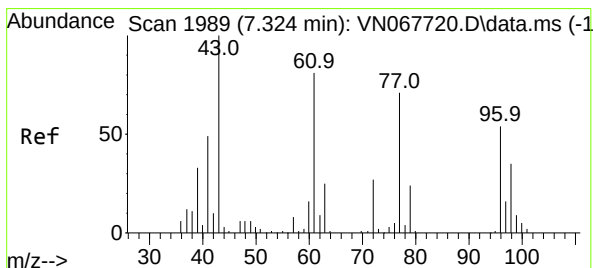
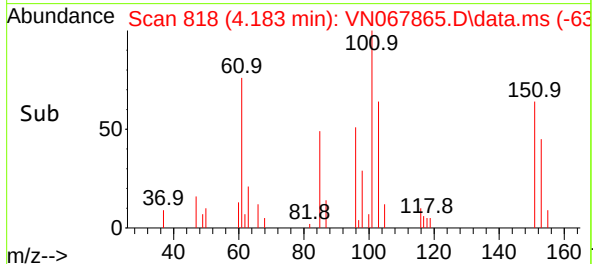
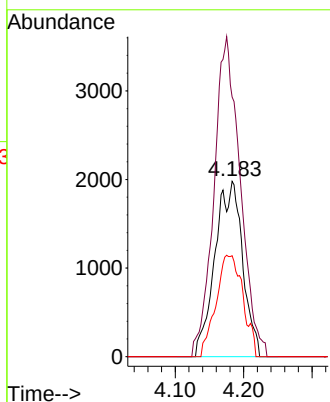
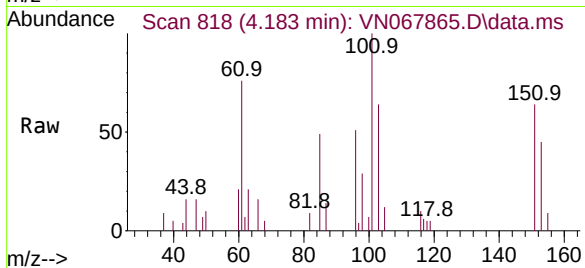
#10
1,1-Dichloroethene
Concen: 2.01 ug/l m
RT: 4.183 min Scan# 818
Delta R.T. 0.005 min
Lab File: VN067865.D
Acq: 22 Jul 2021 16:16

Tgt Ion: 96 Resp: 5543
Ion Ratio Lower Upper
96 100
61 148.1 133.9 200.9
98 57.5 50.5 75.7

Instrument :
MSVOA_N
ClientSampleId :
TT-RW6B-IDWGW-20210719

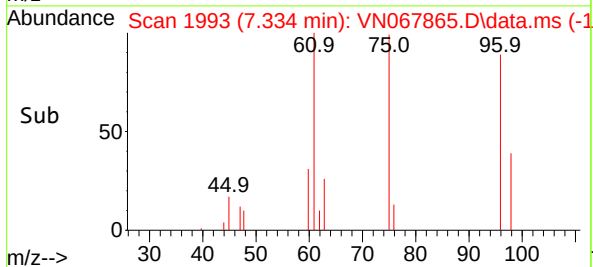
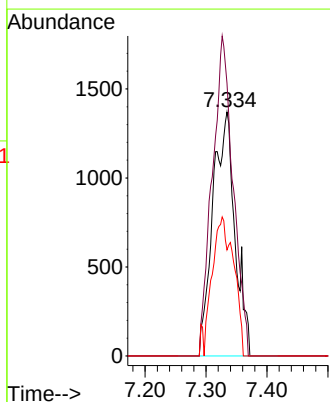
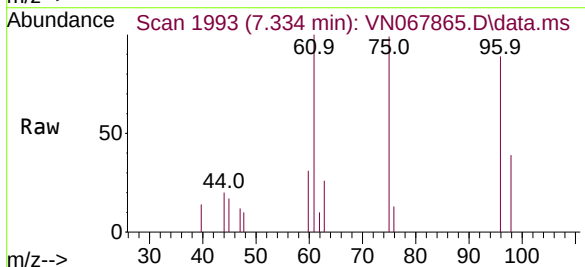
Manual Integrations
APPROVED

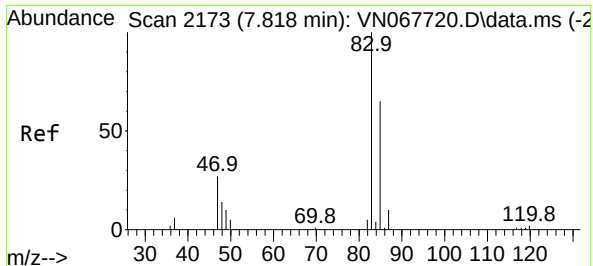
MMDadoda
7/27/2021 3:39:07 PM



#22
cis-1,2-Dichloroethene
Concen: 0.85 ug/l m
RT: 7.334 min Scan# 1993
Delta R.T. 0.010 min
Lab File: VN067865.D
Acq: 22 Jul 2021 16:16

Tgt Ion: 96 Resp: 3439
Ion Ratio Lower Upper
96 100
61 124.2 121.2 181.8
98 36.4 51.8 77.8#





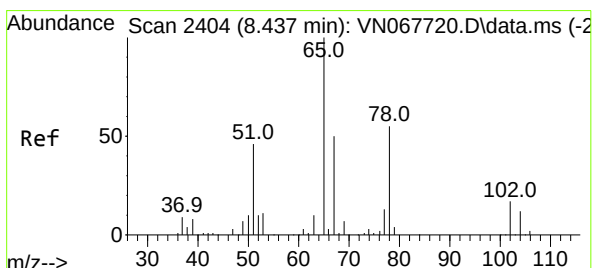
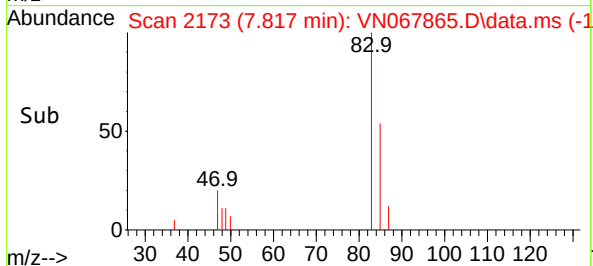
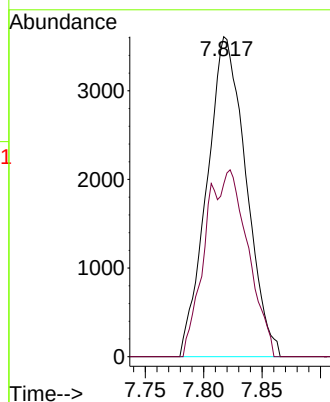
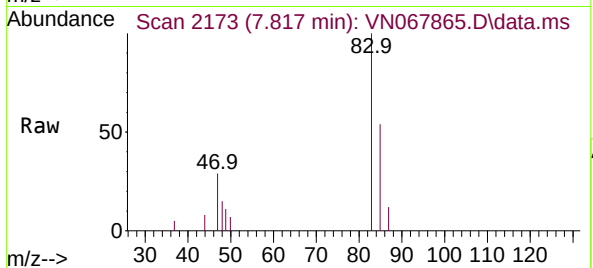
#25
Chloroform
Concen: 1.19 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.000 min
Lab File: VN067865.D
Acq: 22 Jul 2021 16:16

Tgt Ion: 83 Resp: 8396
Ion Ratio Lower Upper
83 100
85 53.9 52.3 78.5

Instrument :
MSVOA_N
ClientSampleId :
TT-RW6B-IDWGW-20210719

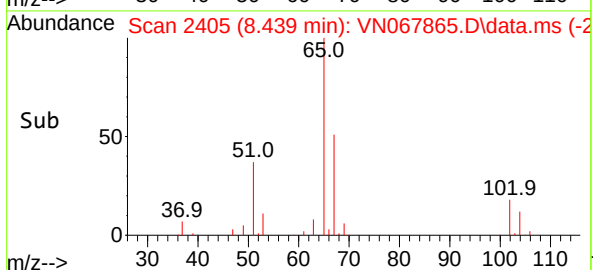
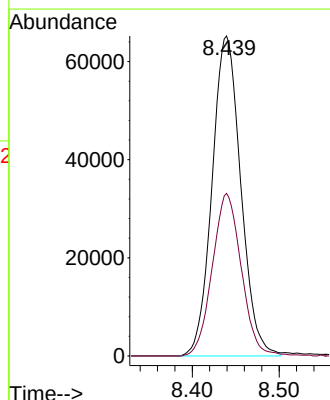
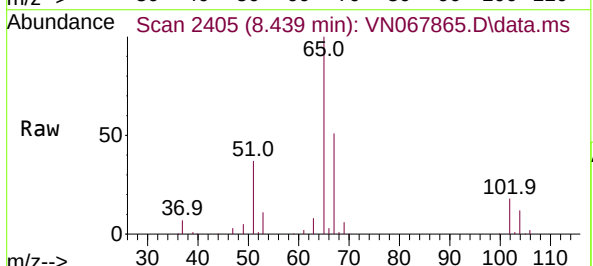
Manual Integrations
APPROVED

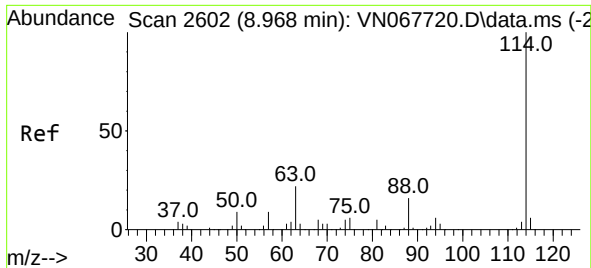
MMDadoda
7/27/2021 3:39:07 PM



#27
1,2-Dichloroethane-d4
Concen: 32.49 ug/l
RT: 8.439 min Scan# 2405
Delta R.T. 0.002 min
Lab File: VN067865.D
Acq: 22 Jul 2021 16:16

Tgt Ion: 65 Resp: 149555
Ion Ratio Lower Upper
65 100
67 51.3 40.6 60.8





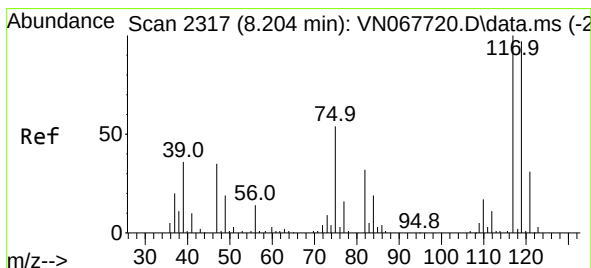
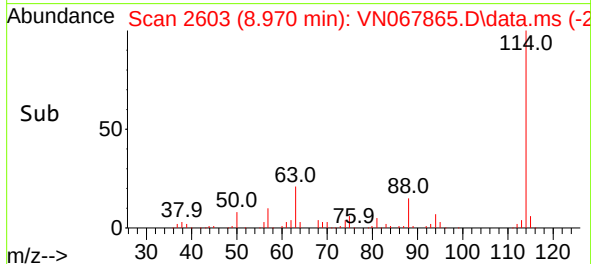
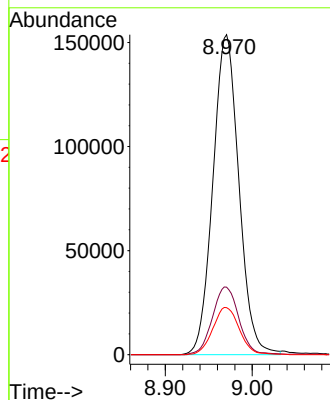
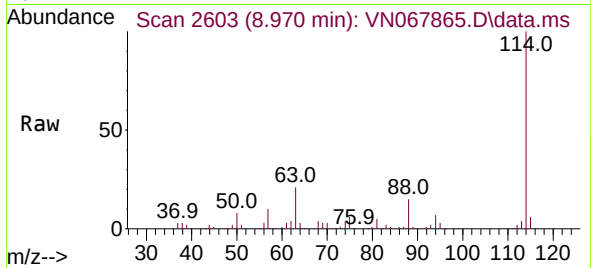
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.970 min Scan# 2603
Delta R.T. 0.002 min
Lab File: VN067865.D
Acq: 22 Jul 2021 16:16

Tgt Ion:114 Resp: 318824
Ion Ratio Lower Upper
114 100
63 21.6 17.2 25.8
88 15.1 12.4 18.6

Instrument :
MSVOA_N
ClientSampleId :
TT-RW6B-IDWGW-20210719

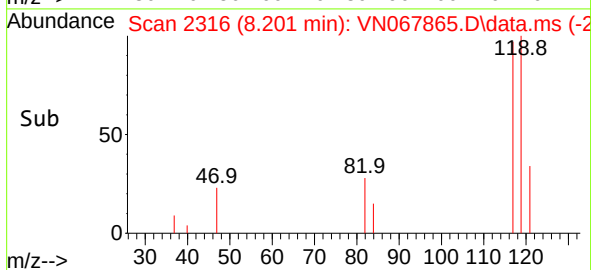
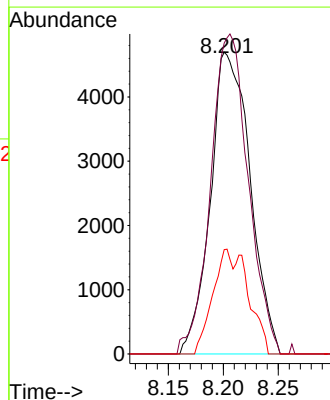
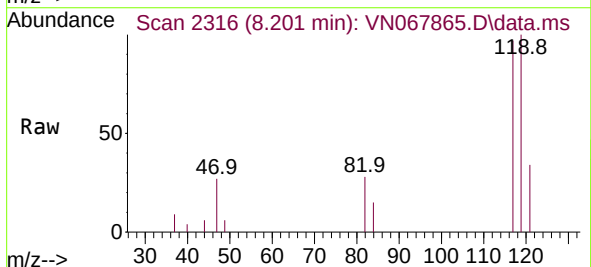
Manual Integrations
APPROVED

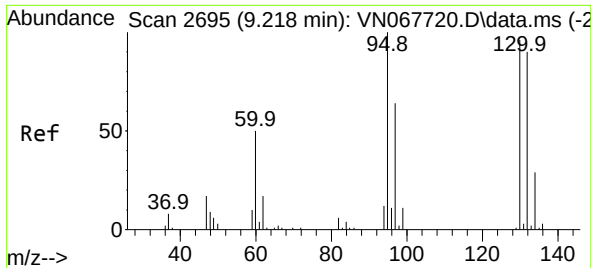
MMDadoda
7/27/2021 3:39:07 PM



#33
Carbon Tetrachloride
Concen: 2.25 ug/l
RT: 8.201 min Scan# 2316
Delta R.T. -0.003 min
Lab File: VN067865.D
Acq: 22 Jul 2021 16:16

Tgt Ion:117 Resp: 11786
Ion Ratio Lower Upper
117 100
119 103.0 77.6 116.4
121 34.6 24.6 36.8





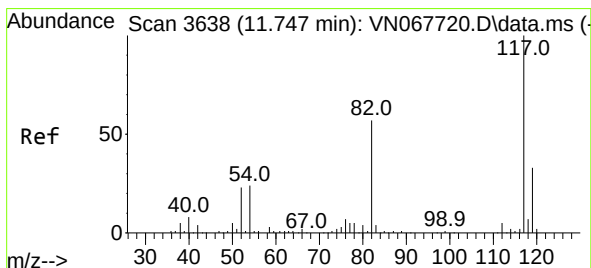
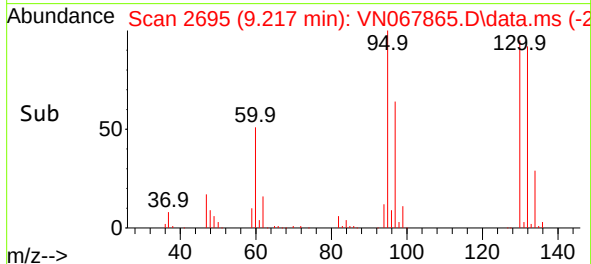
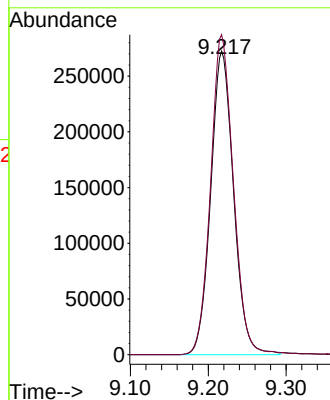
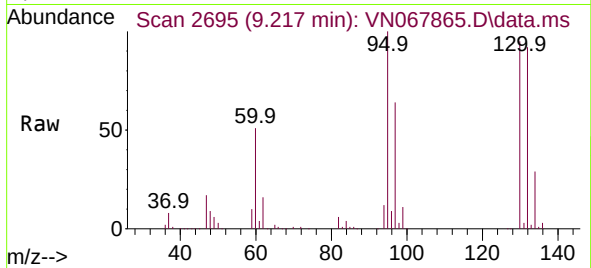
#37
Trichloroethene
Concen: 142.74 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN067865.D
Acq: 22 Jul 2021 16:16

Tgt Ion:130 Resp: 554495
Ion Ratio Lower Upper
130 100
95 105.4 83.2 124.8

Instrument :
MSVOA_N
ClientSampleId :
TT-RW6B-IDWGW-20210719

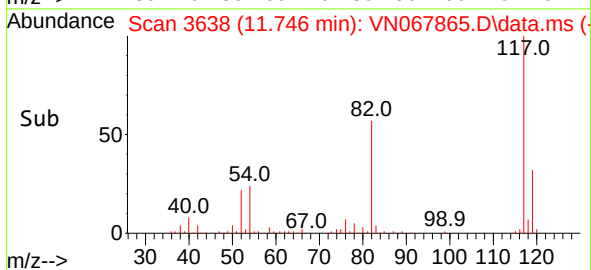
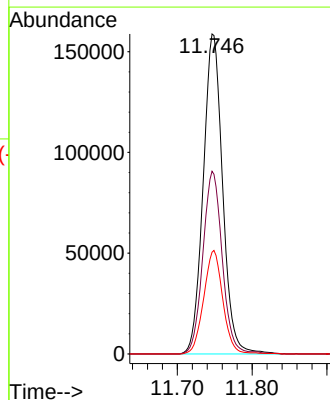
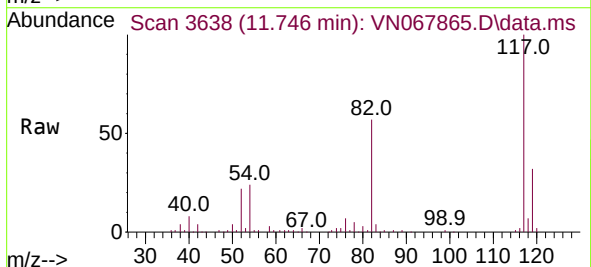
Manual Integrations
APPROVED

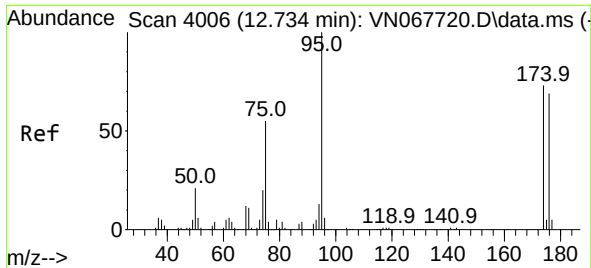
MMDadoda
7/27/2021 3:39:07 PM



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067865.D
Acq: 22 Jul 2021 16:16

Tgt Ion:117 Resp: 286737
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 31.7 25.7 38.5





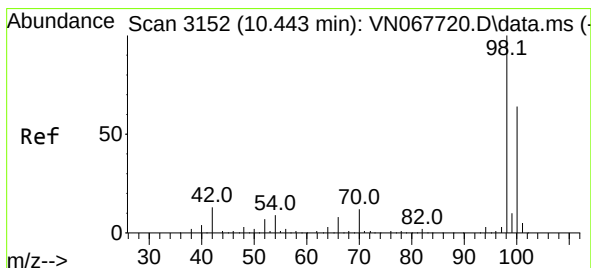
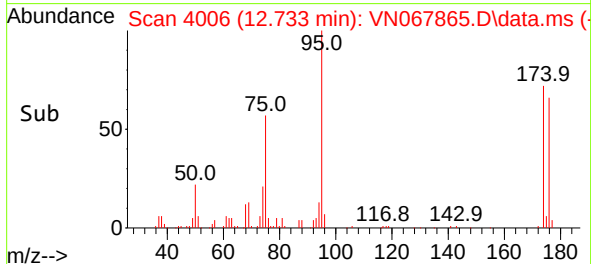
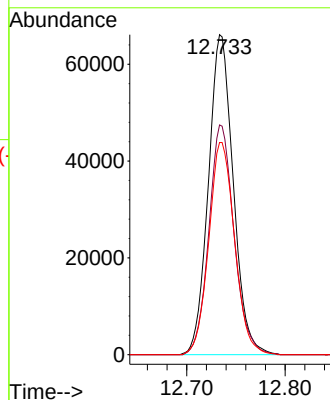
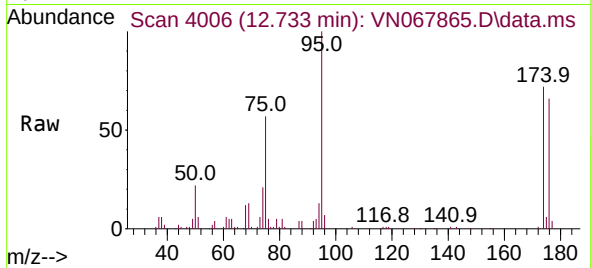
#60
4-Bromofluorobenzene
Concen: 24.95 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067865.D
Acq: 22 Jul 2021 16:16

Tgt Ion: 95 Resp: 116193
Ion Ratio Lower Upper
95 100
174 72.6 57.1 85.7
176 68.9 54.6 81.8

Instrument :
MSVOA_N
ClientSampleId :
TT-RW6B-IDWGW-20210719

Manual Integrations
APPROVED

MMDadoda
7/27/2021 3:39:07 PM



#63
Toluene-d8
Concen: 30.91 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067865.D
Acq: 22 Jul 2021 16:16

Tgt Ion: 98 Resp: 407704
Ion Ratio Lower Upper
98 100
100 62.2 51.0 76.4

