

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024352.D
 Acq On : 20 Sep 2021 15:42
 Operator : JC/MD
 Sample : M3817-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-CB-03-(1.0)

Manual Integrations
 APPROVED

MMDadoda
 9/21/2021 7:00:39 PM

Quant Time: Sep 21 08:41:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	124591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	211904	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	91187	51.326	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.660%			
35) Dibromofluoromethane	5.397	113	71302	50.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.340%			
50) Toluene-d8	8.653	98	308844	59.656	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 119.320%#			
62) 4-Bromofluorobenzene	11.085	95	107701	53.456	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.920%			
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.142	74	1716	2.375	ug/l	84
16) Acetone	2.386	43	3224	4.256	ug/l	97
40) Benzene	6.043	78	48245	8.634	ug/l	96
65) Chlorobenzene	10.085	112	40363	8.417	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	1556m	0.490	ug/l	
88) 1,4-Dichlorobenzene	12.048	146	3139m	0.967	ug/l	
91) 1,2-Dichlorobenzene	12.341	146	3497	1.121	ug/l	94

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

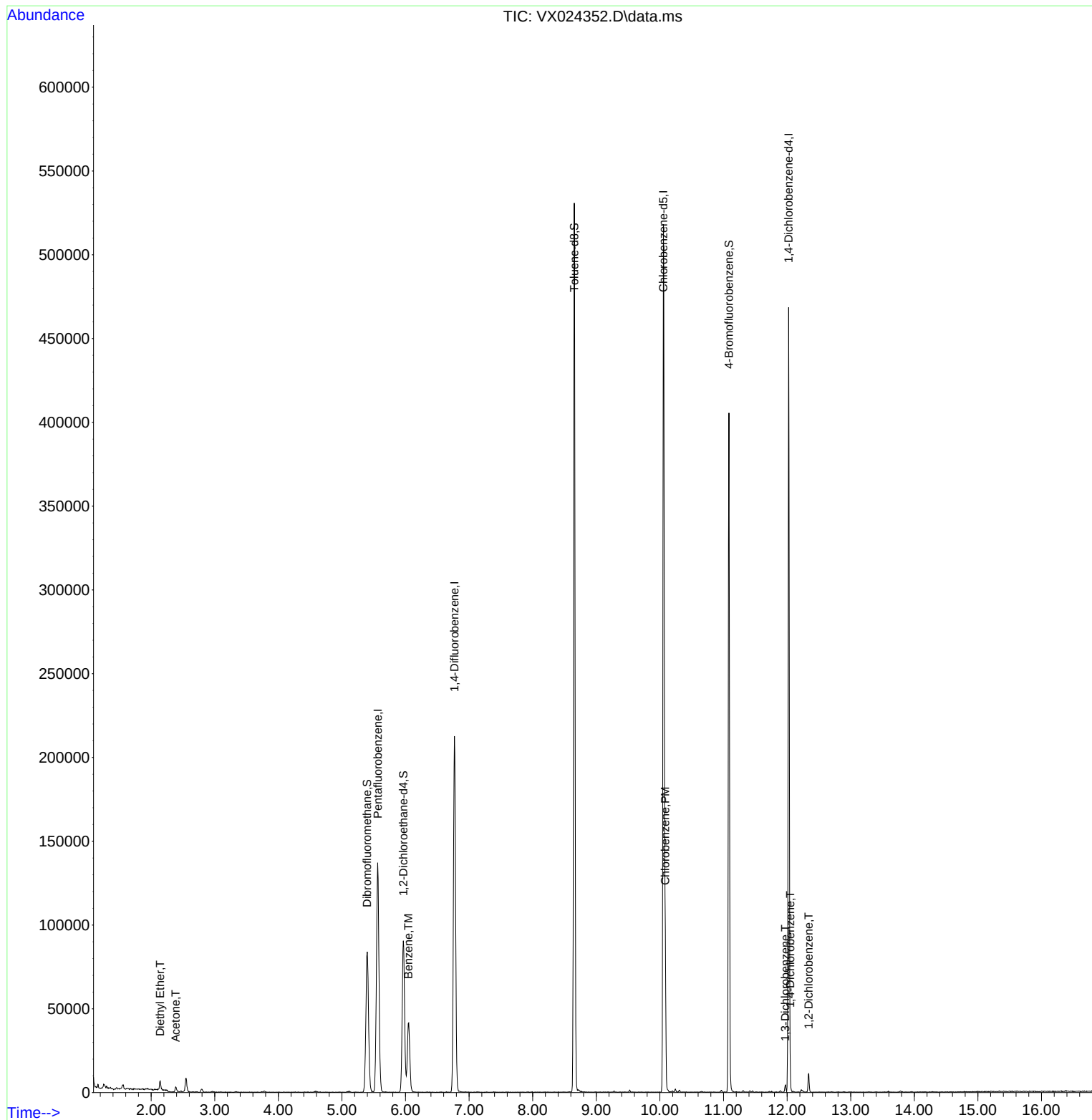
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
Data File : VX024352.D
Acq On : 20 Sep 2021 15:42
Operator : JC/MD
Sample : M3817-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

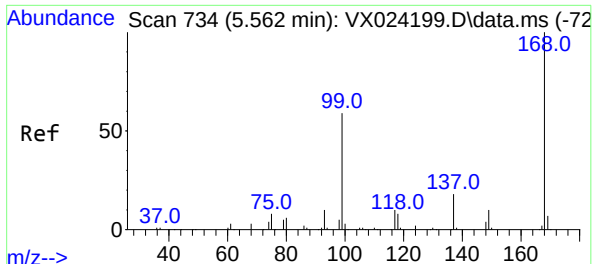
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

Manual Integrations
APPROVED

MMDadoda
9/21/2021 7:00:39 PM

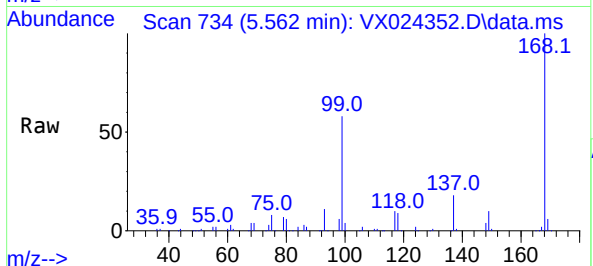
Quant Time: Sep 21 08:41:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 14 12:18:04 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024352.D
Acq: 20 Sep 2021 15:42

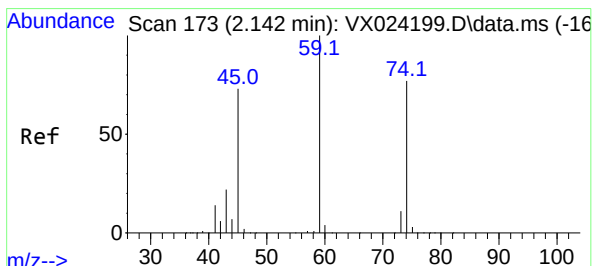
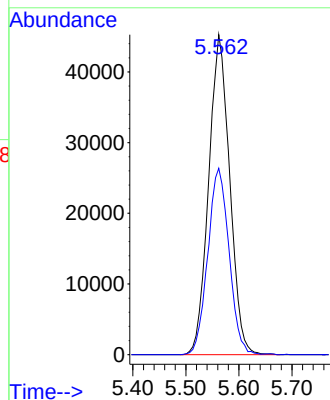
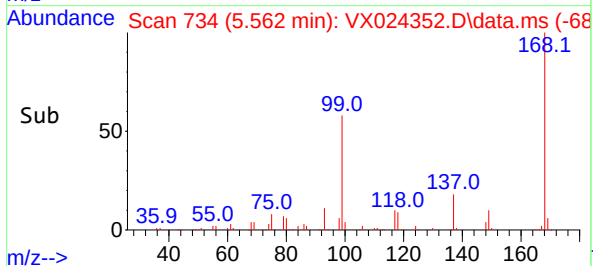
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)



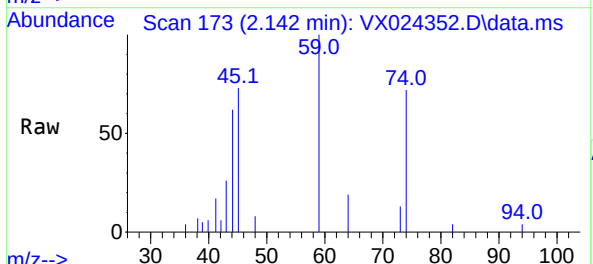
Tgt Ion:168 Resp: 124591
Ion Ratio Lower Upper
168 100
99 58.3 45.8 68.6

Manual Integrations
APPROVED

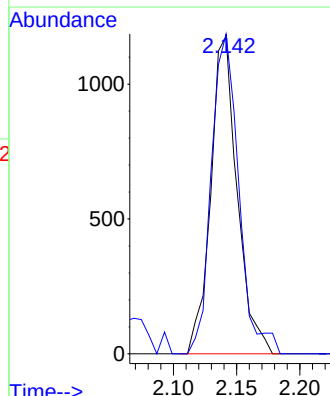
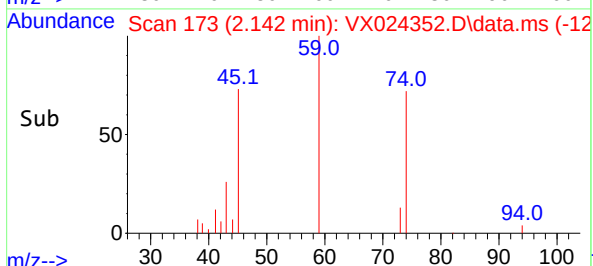
MMDadoda
9/21/2021 7:00:39 PM

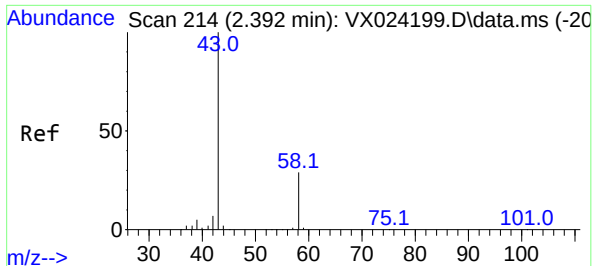


#8
Diethyl Ether
Concen: 2.375 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.000 min
Lab File: VX024352.D
Acq: 20 Sep 2021 15:42



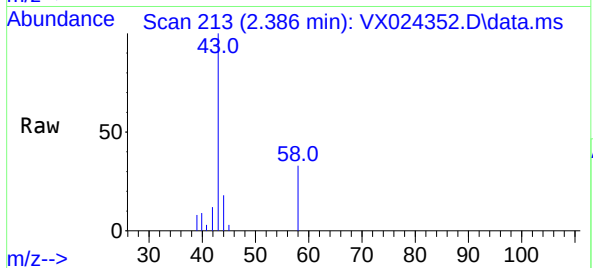
Tgt Ion: 74 Resp: 1716
Ion Ratio Lower Upper
74 100
45 104.1 44.5 133.5





#16
Acetone
Concen: 4.256 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024352.D
Acq: 20 Sep 2021 15:42

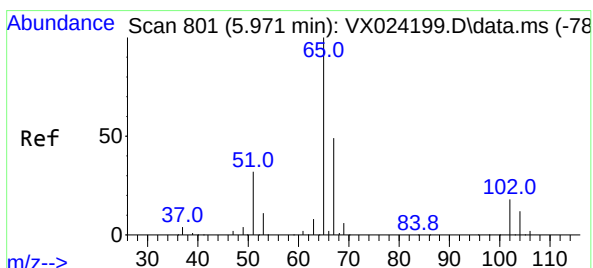
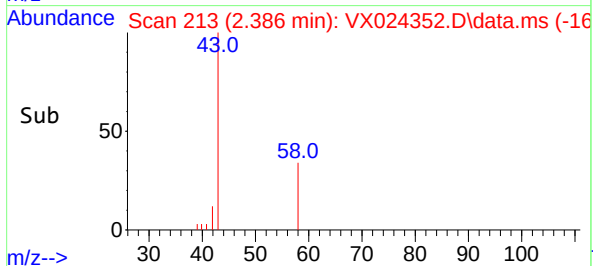
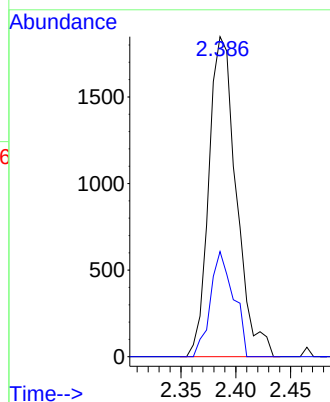
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)



Tgt Ion: 43 Resp: 3224
Ion Ratio Lower Upper
43 100
58 32.8 27.8 41.8

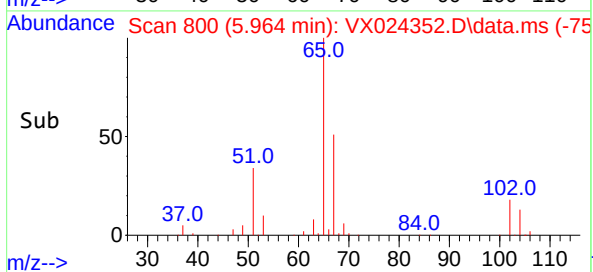
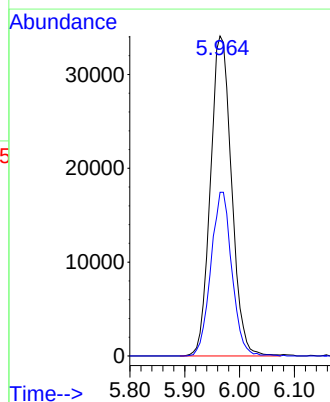
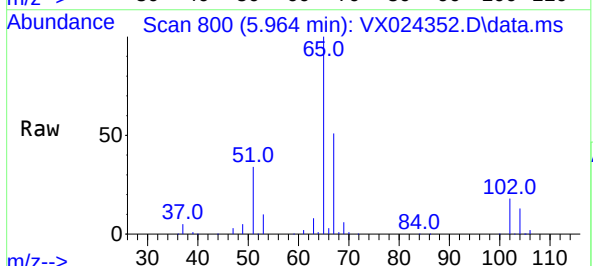
Manual Integrations
APPROVED

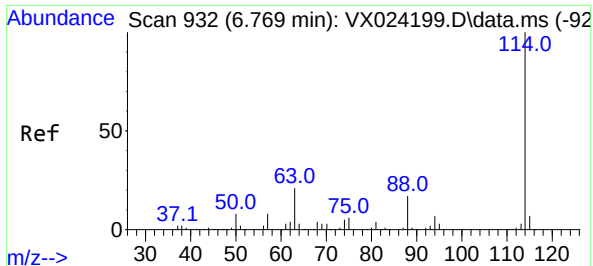
MMDadoda
9/21/2021 7:00:39 PM



#33
1,2-Dichloroethane-d4
Concen: 51.326 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024352.D
Acq: 20 Sep 2021 15:42

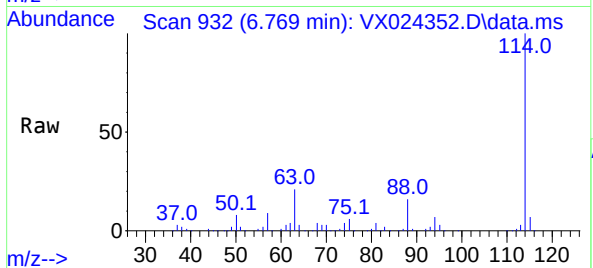
Tgt Ion: 65 Resp: 91187
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024352.D
Acq: 20 Sep 2021 15:42

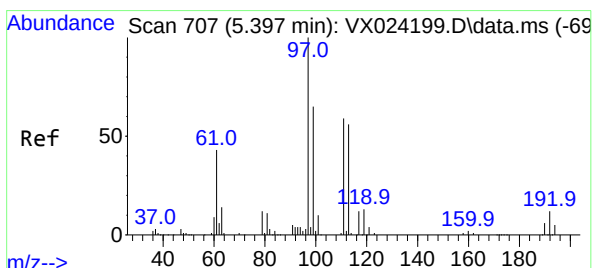
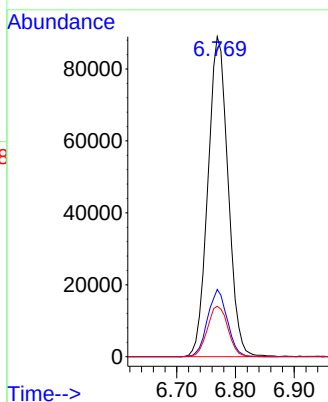
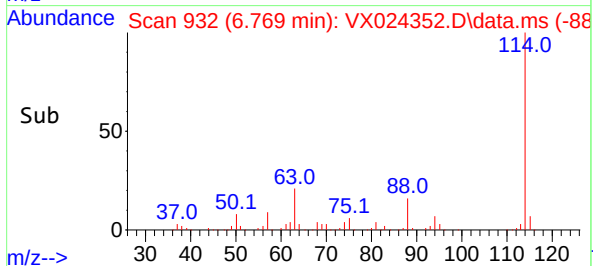
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)



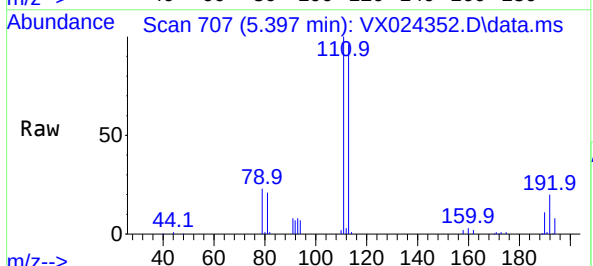
Tgt Ion:114 Resp: 211904
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 15.8 0.0 32.8

Manual Integrations
APPROVED

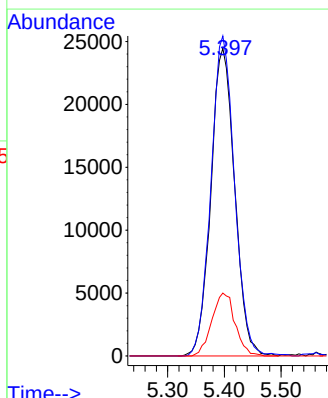
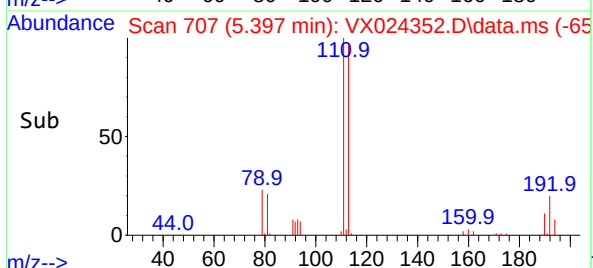
MMDadoda
9/21/2021 7:00:39 PM

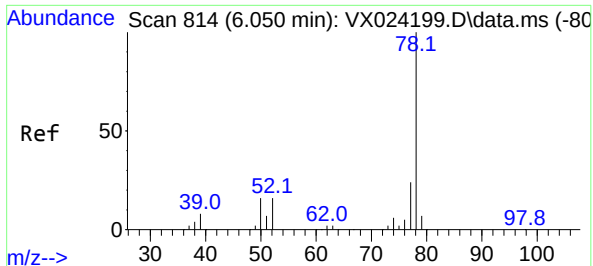


#35
Dibromofluoromethane
Concen: 50.173 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024352.D
Acq: 20 Sep 2021 15:42



Tgt Ion:113 Resp: 71302
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 20.0 16.7 25.1





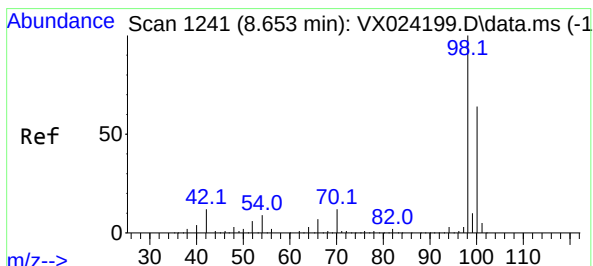
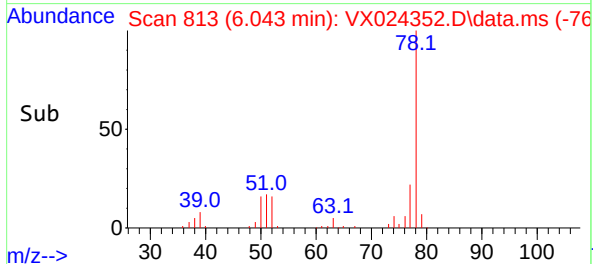
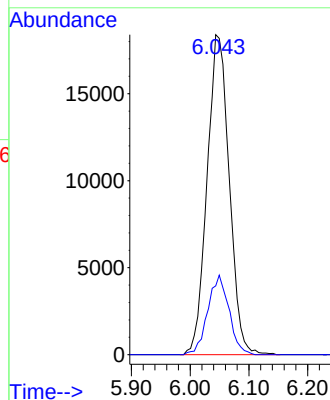
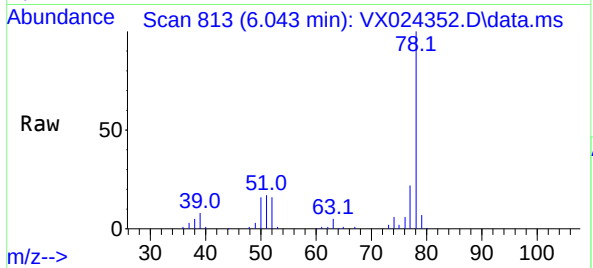
#40
Benzene
Concen: 8.634 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.007 min
Lab File: VX024352.D
Acq: 20 Sep 2021 15:42

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

Tgt Ion: 78 Resp: 48245
Ion Ratio Lower Upper
78 100
77 21.5 18.9 28.3

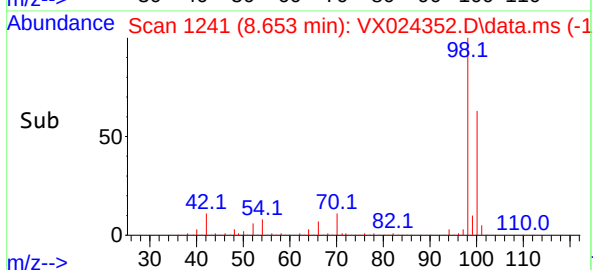
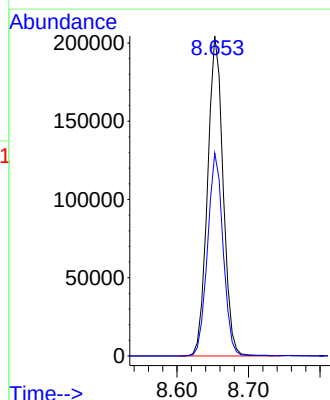
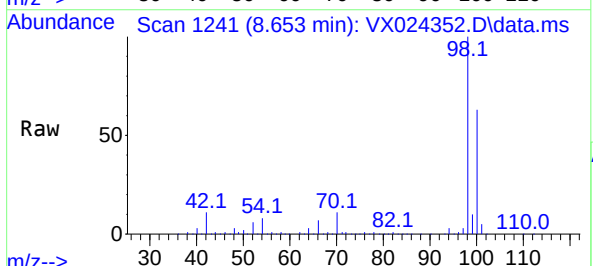
Manual Integrations
APPROVED

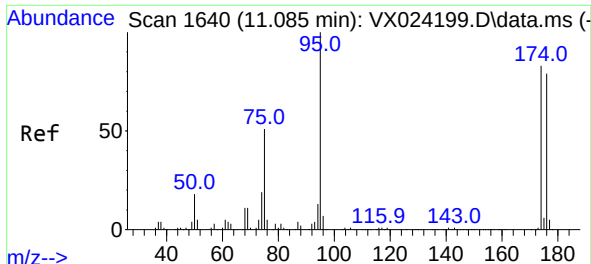
MMDadoda
9/21/2021 7:00:39 PM



#50
Toluene-d8
Concen: 59.656 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024352.D
Acq: 20 Sep 2021 15:42

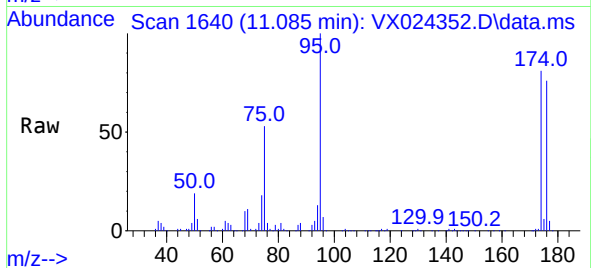
Tgt Ion: 98 Resp: 308844
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9





#62
4-Bromofluorobenzene
Concen: 53.456 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024352.D
Acq: 20 Sep 2021 15:42

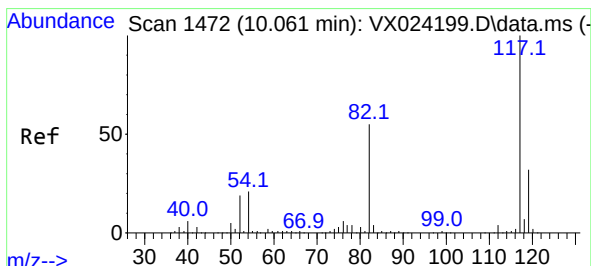
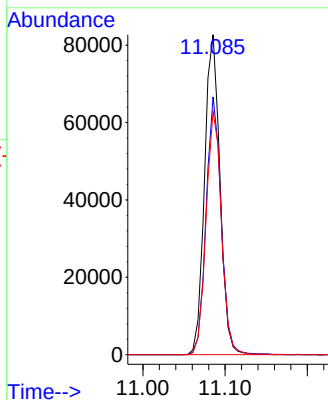
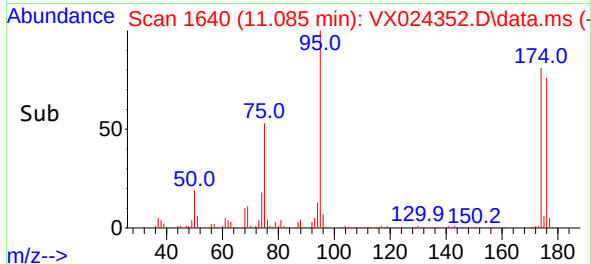
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)



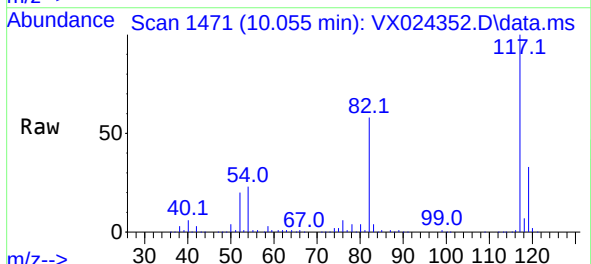
Tgt Ion: 95 Resp: 107701
Ion Ratio Lower Upper
95 100
174 79.0 0.0 154.6
176 75.9 0.0 155.8

Manual Integrations
APPROVED

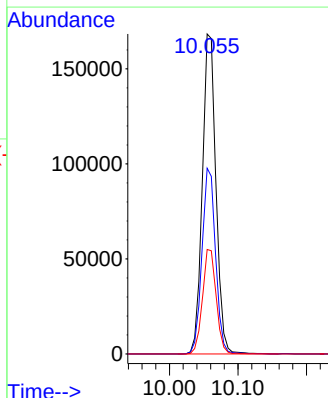
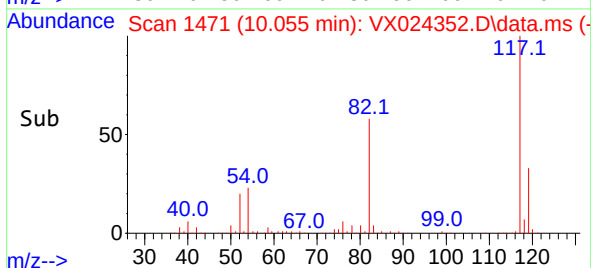
MMDadoda
9/21/2021 7:00:39 PM

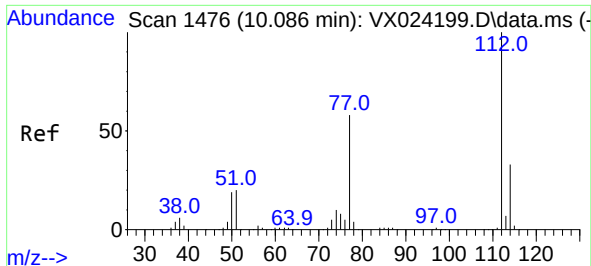


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024352.D
Acq: 20 Sep 2021 15:42



Tgt Ion: 117 Resp: 233081
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 32.6 26.6 39.8





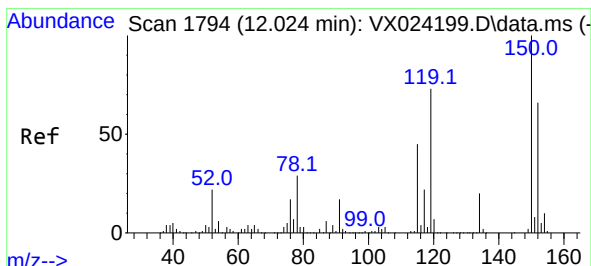
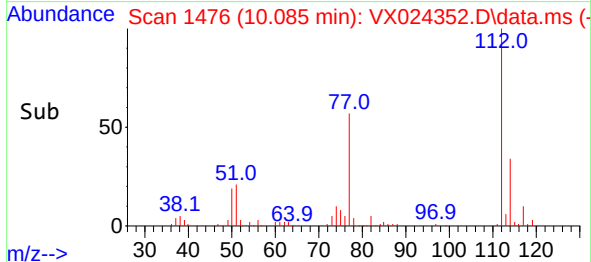
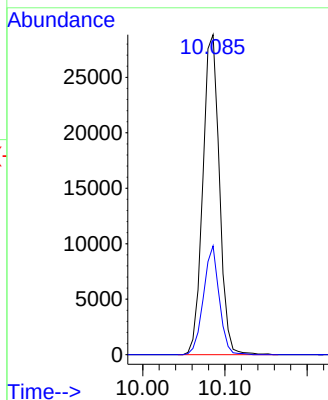
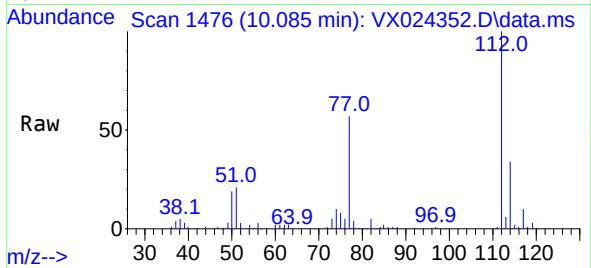
#65
Chlorobenzene
Concen: 8.417 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VX024352.D
Acq: 20 Sep 2021 15:42

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

Tgt Ion:112 Resp: 40363
Ion Ratio Lower Upper
112 100
114 34.0 25.8 38.6

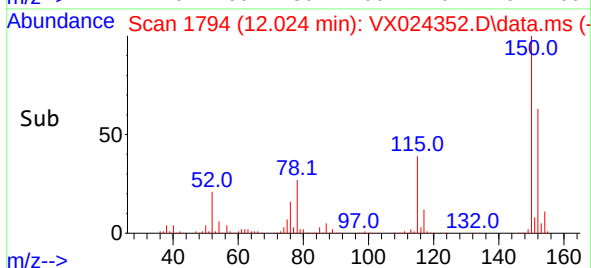
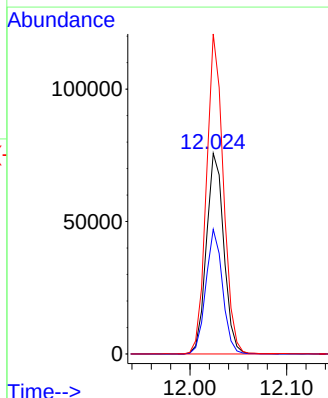
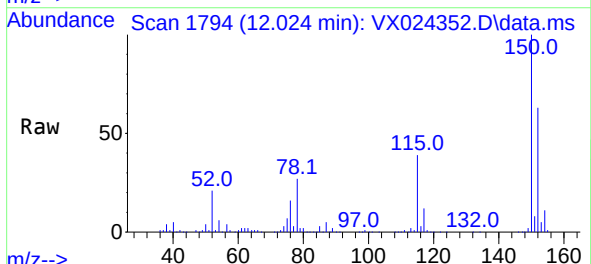
Manual Integrations
APPROVED

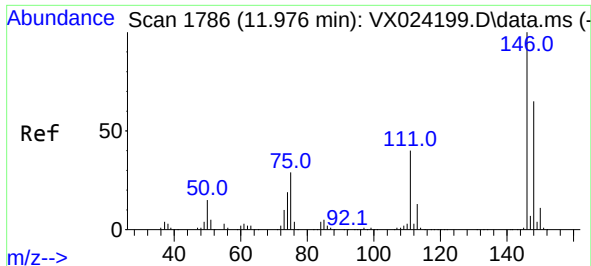
MMDadoda
9/21/2021 7:00:39 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024352.D
Acq: 20 Sep 2021 15:42

Tgt Ion:152 Resp: 94816
Ion Ratio Lower Upper
152 100
115 59.5 41.1 123.3
150 154.1 0.0 349.0





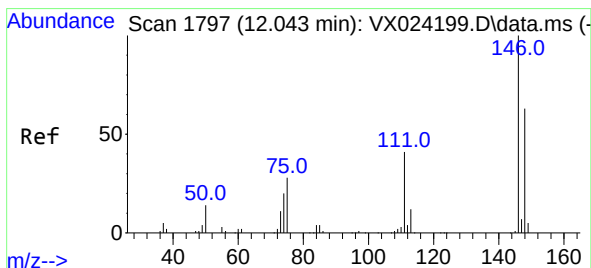
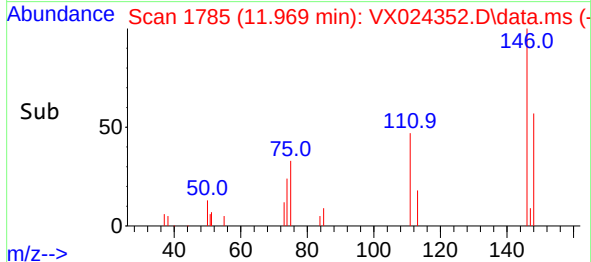
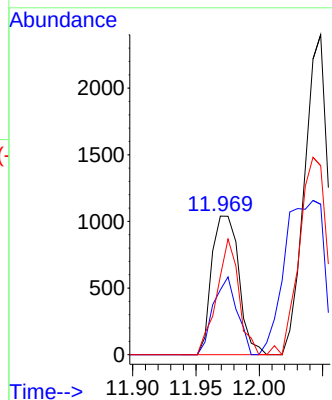
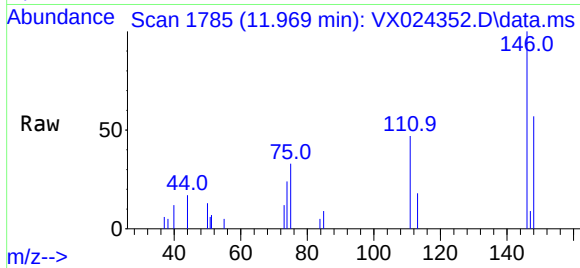
#87
1,3-Dichlorobenzene
Concen: 0.490 ug/l m
RT: 11.969 min Scan# 1785
Delta R.T. -0.007 min
Lab File: VX024352.D
Acq: 20 Sep 2021 15:42

Tgt Ion:146 Resp: 1556
Ion Ratio Lower Upper
146 100
111 0.0 20.2 60.5#
148 0.0 31.9 95.7#

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

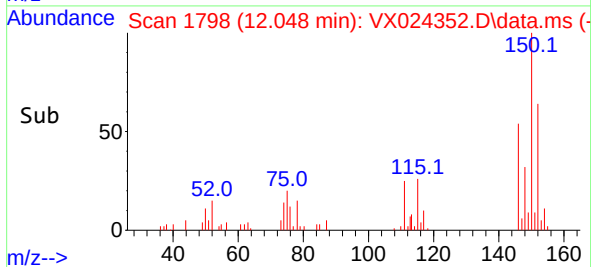
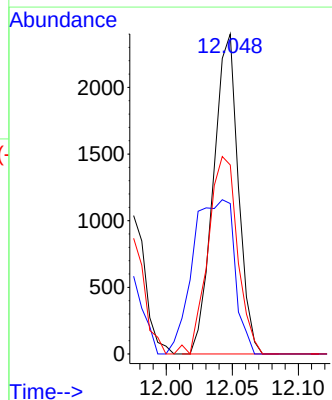
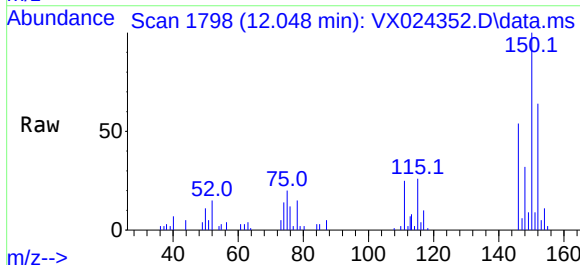
Manual Integrations
APPROVED

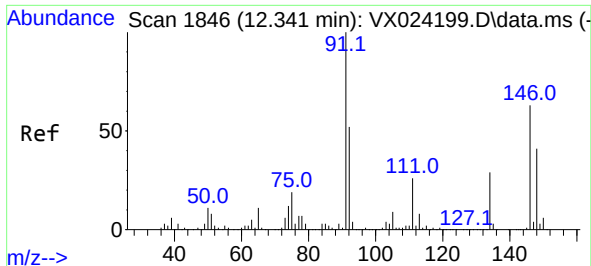
MMDadoda
9/21/2021 7:00:39 PM



#88
1,4-Dichlorobenzene
Concen: 0.967 ug/l m
RT: 12.048 min Scan# 1798
Delta R.T. 0.005 min
Lab File: VX024352.D
Acq: 20 Sep 2021 15:42

Tgt Ion:146 Resp: 3139
Ion Ratio Lower Upper
146 100
111 24.3 19.6 58.8
148 33.5 31.6 95.0





#91
 1,2-Dichlorobenzene
 Concen: 1.121 ug/l
 RT: 12.341 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: VX024352.D
 Acq: 20 Sep 2021 15:42

Tgt Ion:	146	Resp:	3497
Ion Ratio	Lower	Upper	
146	100		
111	46.9	20.8	62.2
148	67.1	31.9	95.5

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-CB-03-(1.0)

Manual Integrations
 APPROVED

MMDadoda
 9/21/2021 7:00:39 PM

