

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051119\
 Data File : VX009524.D
 Acq On : 11 May 2019 14:44
 Operator : JC/SP
 Sample : K2799-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 4:27:20 PM

Quant Time: May 12 02:28:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	185856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291050	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120416	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
35) Dibromofluoromethane	5.49	113	89093	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
50) Toluene-d8	8.71	98	361421	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	11.13	95	116944	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	162437	71.241	ug/l	96
12) 1,1-Dichloroethene	2.37	96	3088	1.771	ug/l	96
16) Acetone	2.44	43	4194	3.078	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	2109	1.115	ug/l #	75
27) cis-1,2-Dichloroethene	4.60	96	586870	259.977	ug/l	89
44) Trichloroethene	7.21	130	35999	17.789	ug/l	96
64) Tetrachloroethene	9.34	164	5423	3.154	ug/l	96
65) Chlorobenzene	10.14	112	1853	0.370	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	1370	0.410	ug/l	93
88) 1,4-Dichlorobenzene	12.10	146	765m	0.227	ug/l	
91) 1,2-Dichlorobenzene	12.39	146	7397	2.171	ug/l	97

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

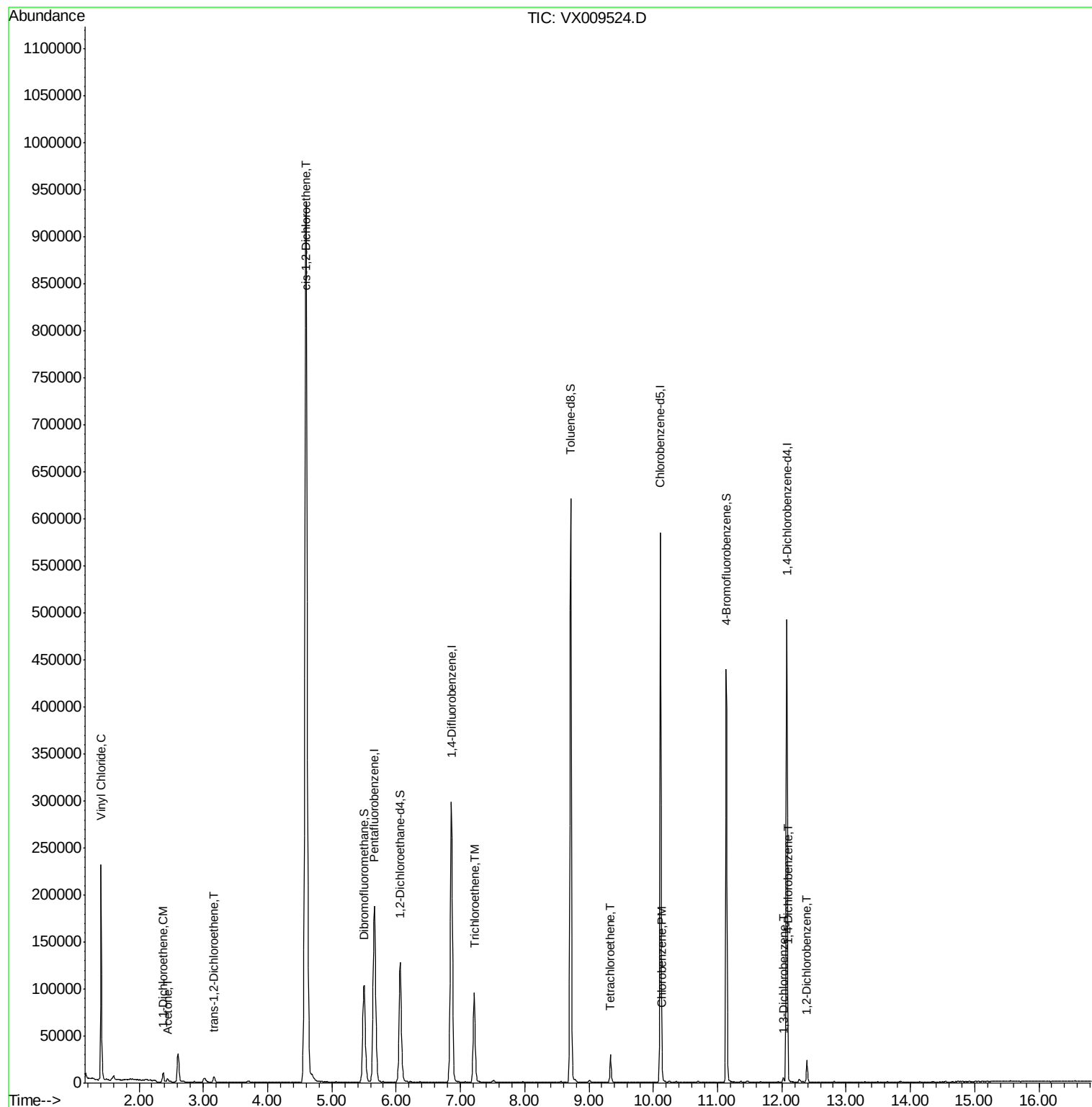
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051119\
Data File : VX009524.D
Acq On : 11 May 2019 14:44
Operator : JC/SP
Sample : K2799-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

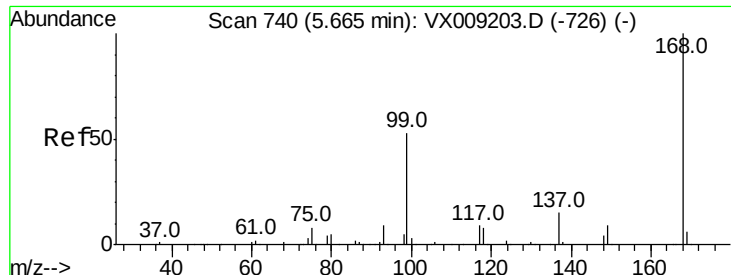
Instrument :
MSVOA_X
ClientSampleId :
MW-3

Manual Integrations
APPROVED

MMDadoda
5/13/2019 4:27:20 PM

Quant Time: May 12 02:28:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





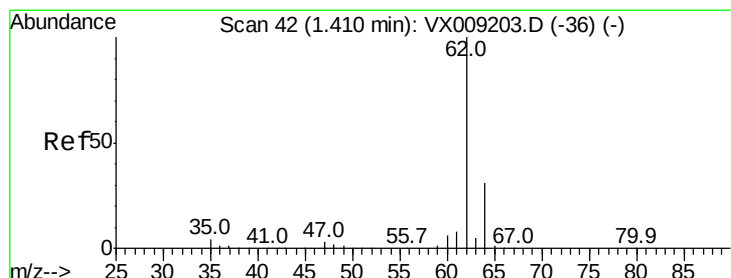
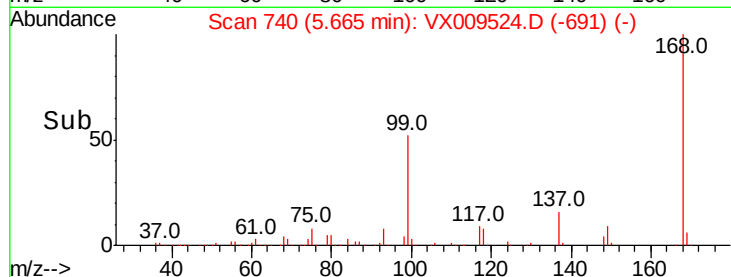
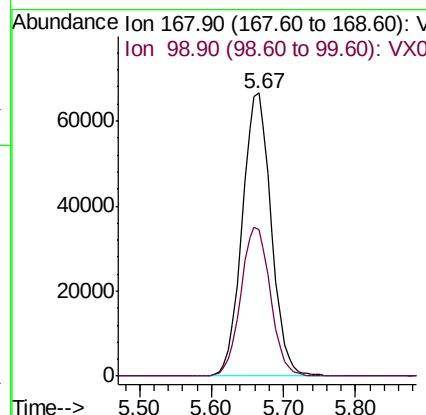
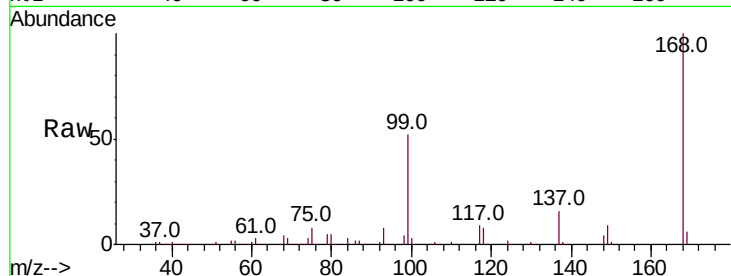
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009524.D
Acq: 11 May 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
99	51.8	42.3	63.5	

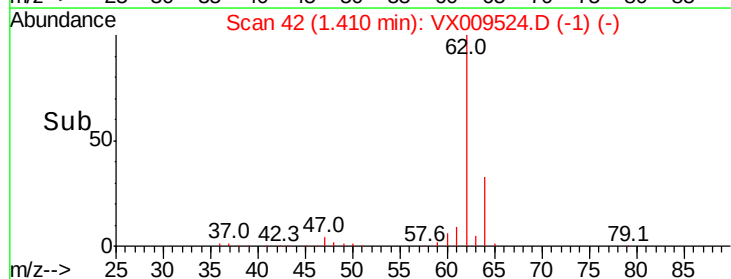
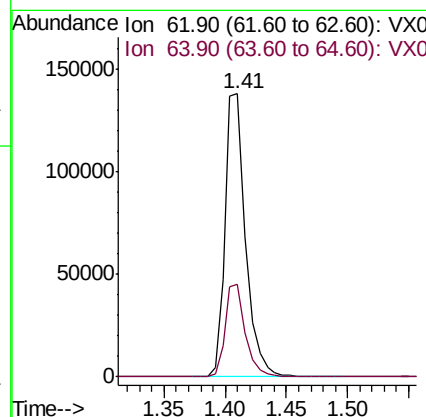
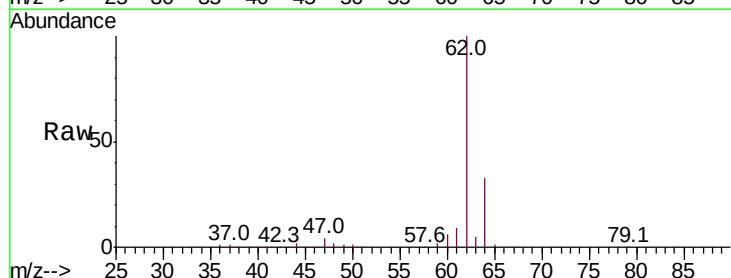
Manual Integrations
APPROVED

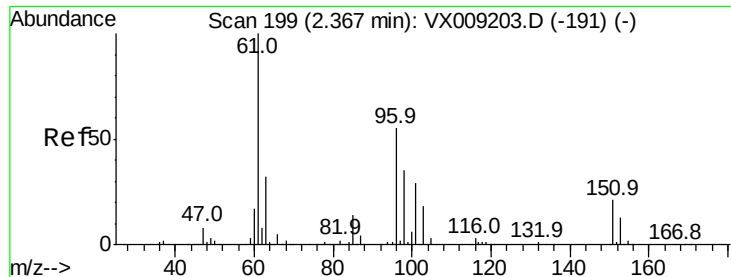
MMDadoda
5/13/2019 4:27:20 PM



#4
Vinyl Chloride
Concen: 71.241 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX009524.D
Acq: 11 May 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
64	32.9	24.6	36.8	





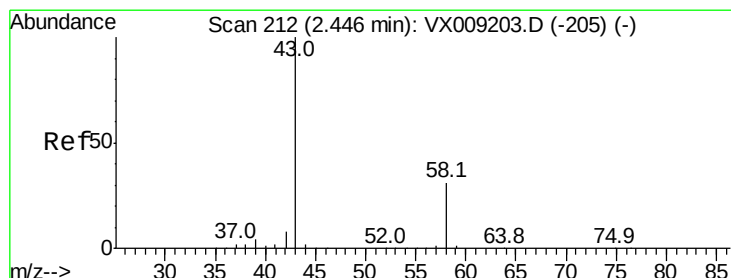
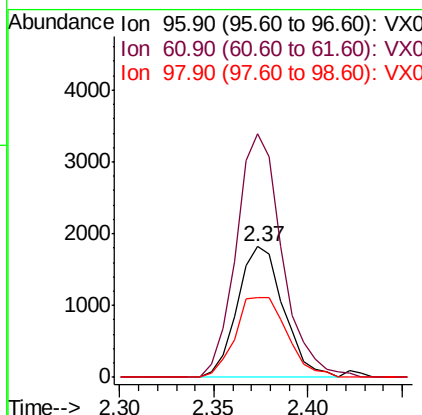
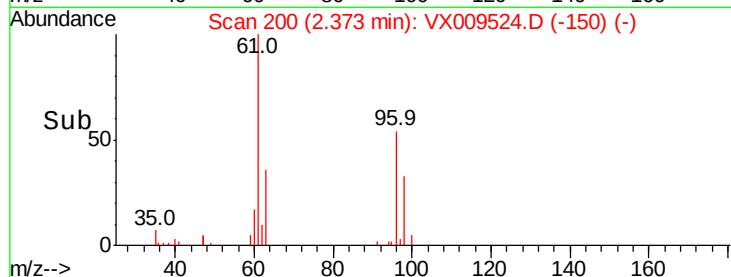
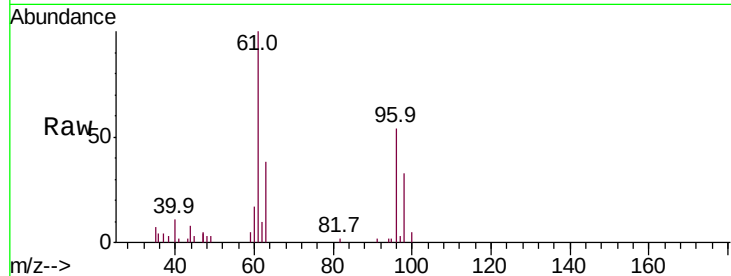
#12
 1,1-Dichloroethene
 Concen: 1.771 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX009524.D
 Acq: 11 May 2019 14:44

Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

Tot Ion	Ratio	Lower	Upper
96	100		
61	186.4	144.3	216.5
98	61.5	50.3	75.5

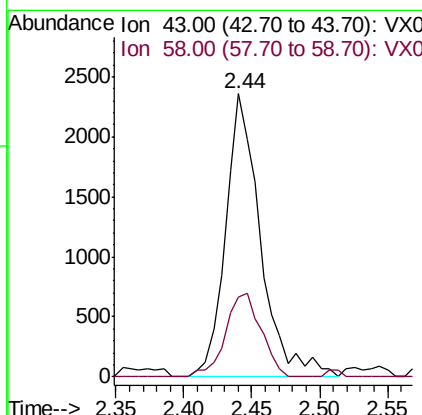
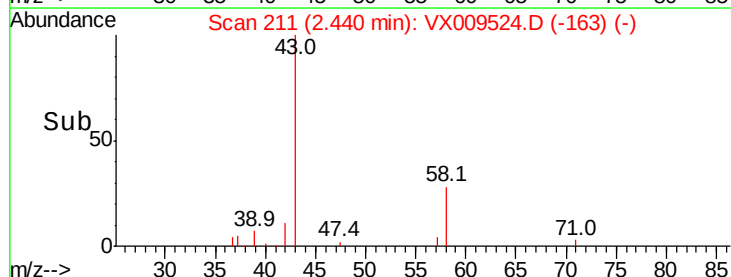
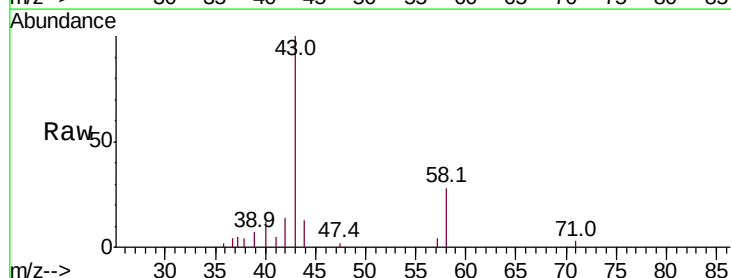
Manual Integrations
 APPROVED

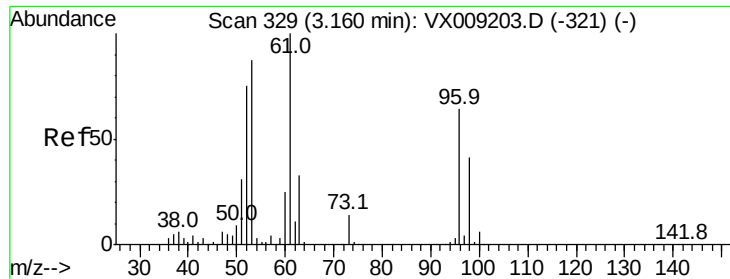
MMDadoda
 5/13/2019 4:27:20 PM



#16
 Acetone
 Concen: 3.078 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX009524.D
 Acq: 11 May 2019 14:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.1	24.9	37.3





#21

trans-1,2-Dichloroethene

Concen: 1.115 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009524.D

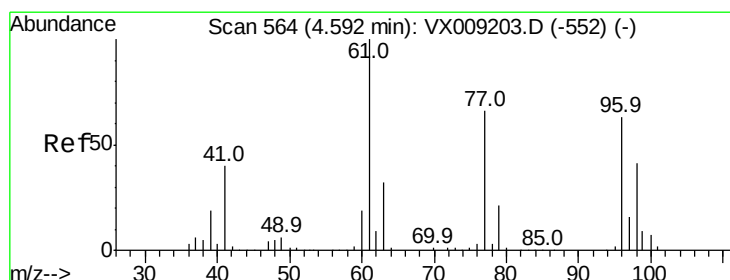
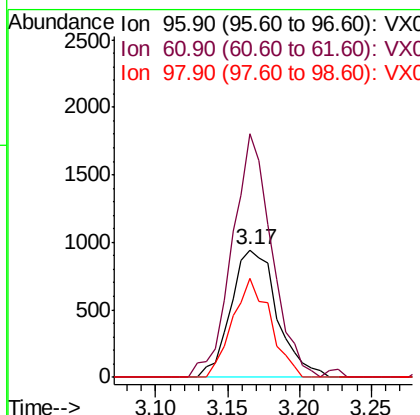
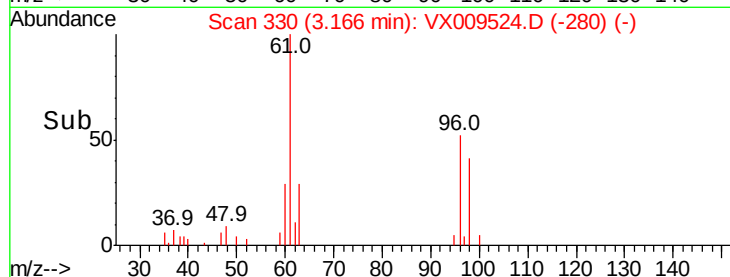
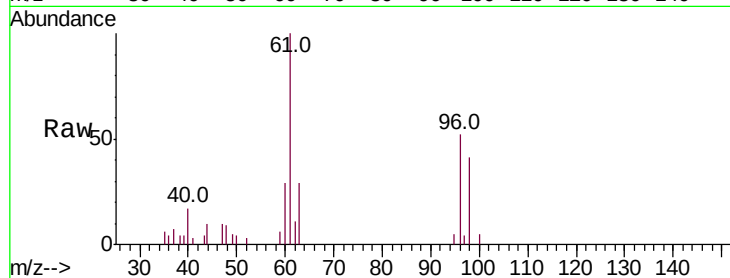
Acq: 11 May 2019 14:44

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tot Ion	Ratio	Lower	Upper
96	100		
61	191.4	124.5	186.7#
98	77.9	50.4	75.6#

Manual Integrations
APPROVED

MMDadoda
5/13/2019 4:27:20 PM



#27

cis-1,2-Dichloroethene

Concen: 259.977 ug/l

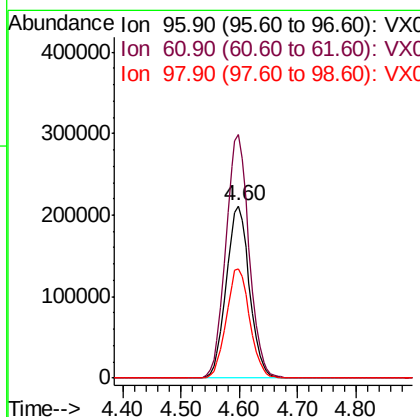
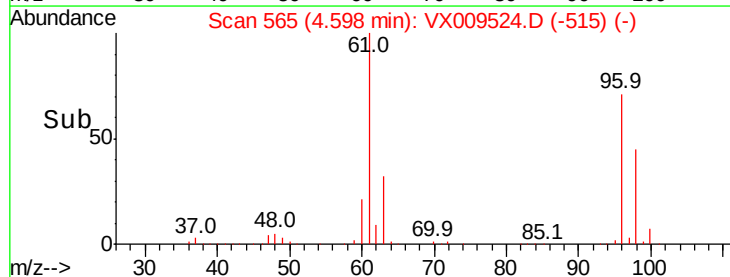
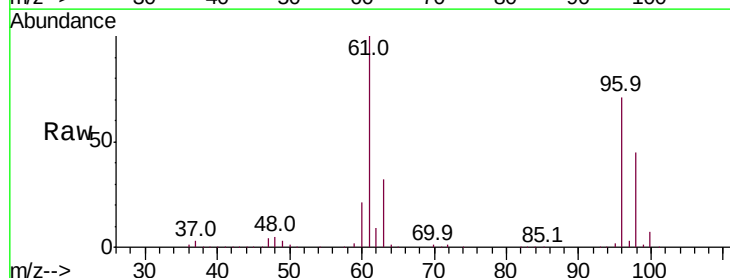
RT: 4.60 min Scan# 565

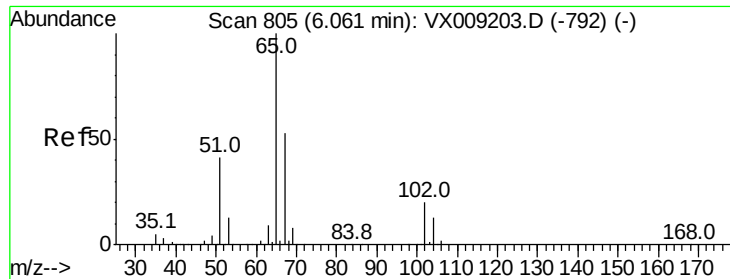
Delta R.T. 0.01 min

Lab File: VX009524.D

Acq: 11 May 2019 14:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	324.0
98	64.0	0.0	130.4





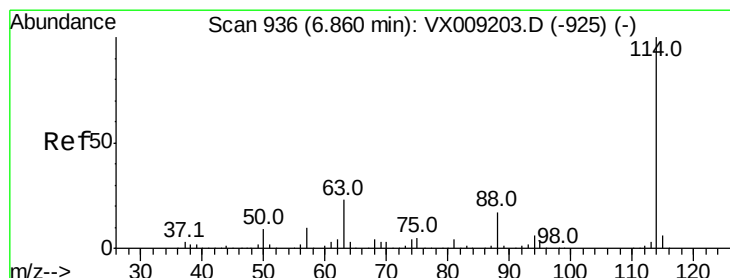
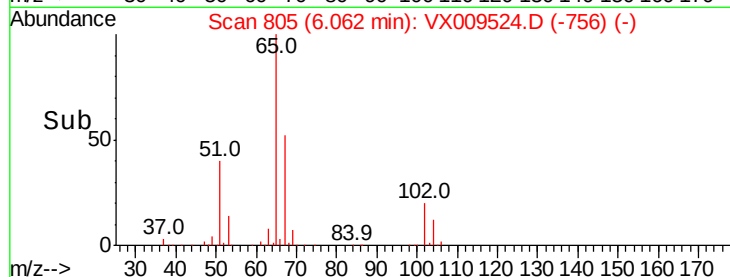
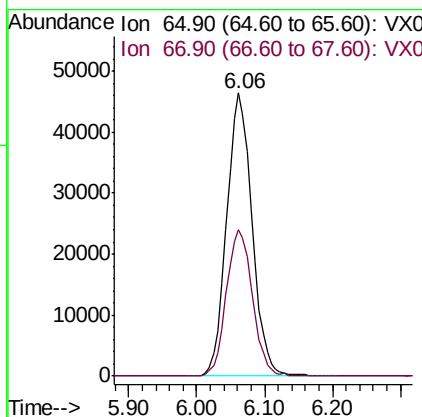
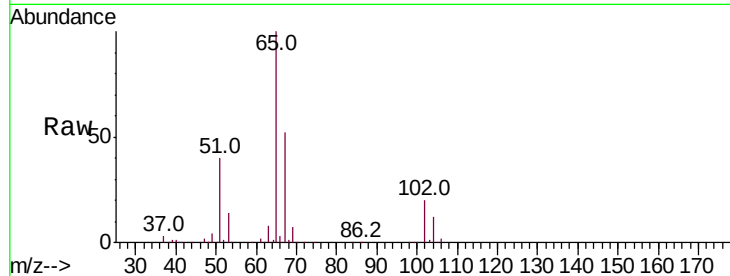
#33
 1,2-Dichloroethane-d4
 Concen: 47.461 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009524.D
 Acq: 11 May 2019 14:44

Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.0	0.0	106.6	

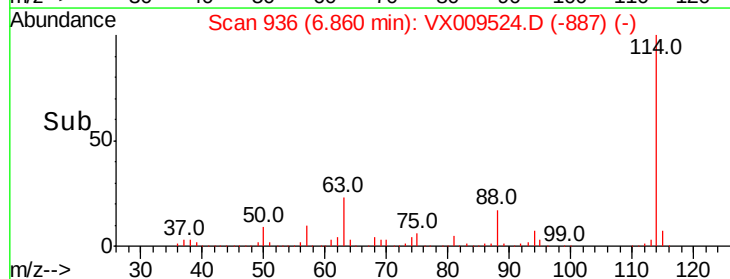
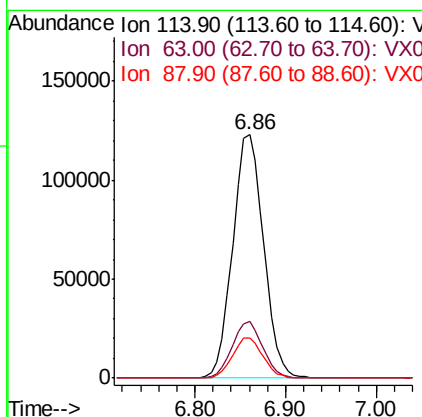
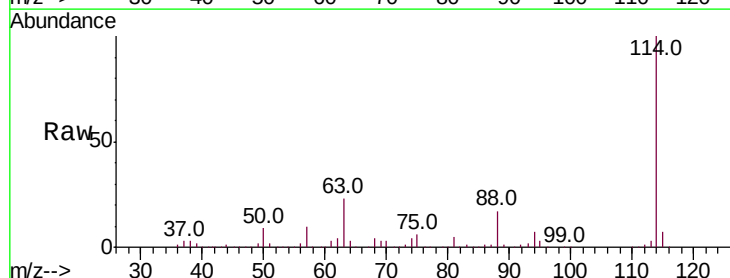
Manual Integrations
 APPROVED

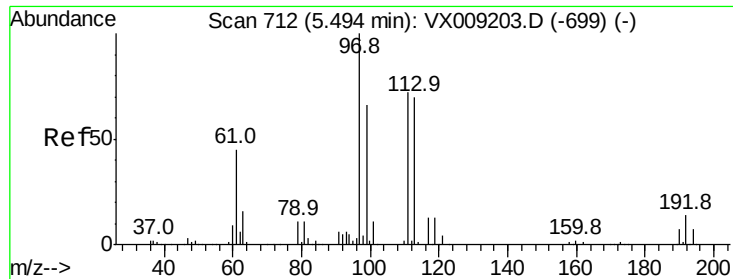
MMDadoda
 5/13/2019 4:27:20 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009524.D
 Acq: 11 May 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.4	0.0	45.6	
88	16.6	0.0	33.2	





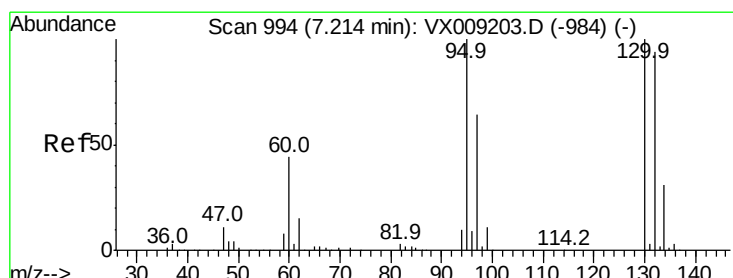
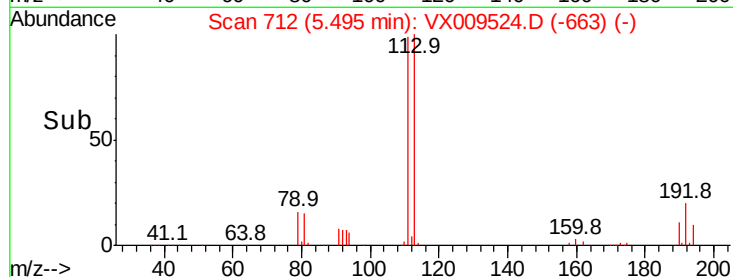
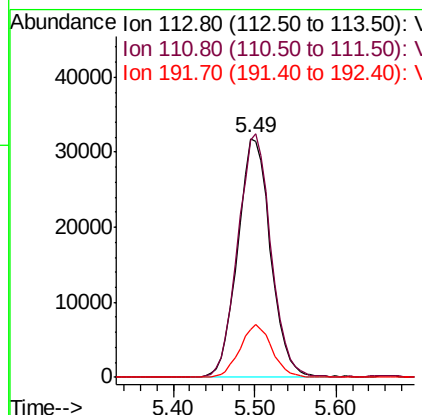
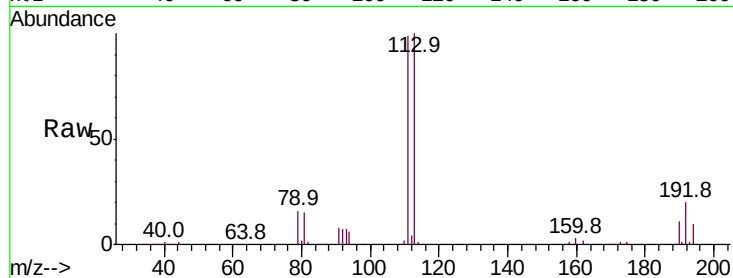
#35
 Dibromofluoromethane
 Concen: 48.694 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009524.D
 Acq: 11 May 2019 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.8	124.2
192	21.5	17.0	25.6

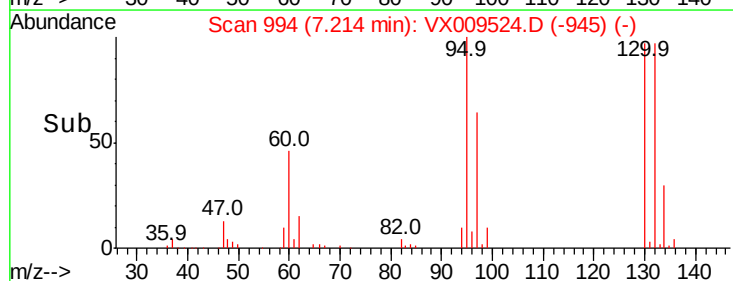
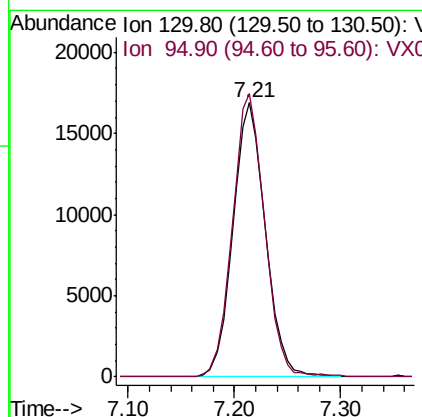
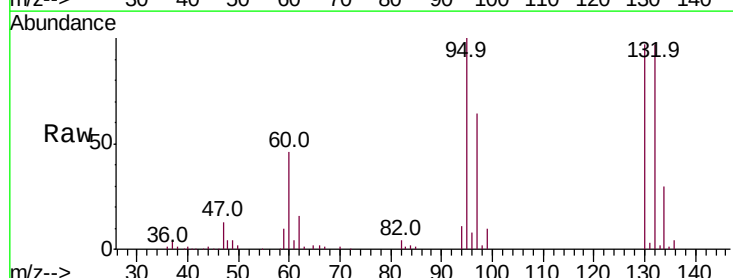
Manual Integrations
 APPROVED

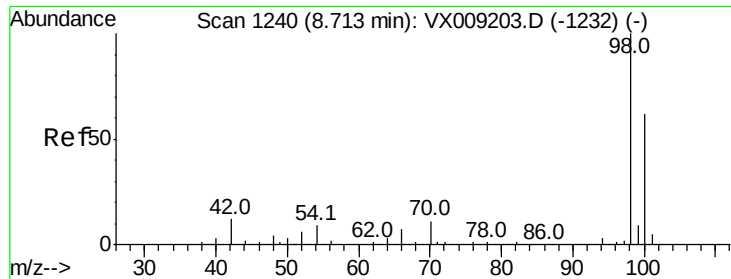
MMDadoda
 5/13/2019 4:27:20 PM



#44
 Trichloroethene
 Concen: 17.789 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009524.D
 Acq: 11 May 2019 14:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	199.2





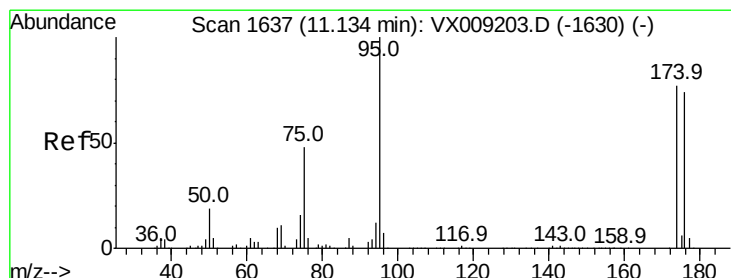
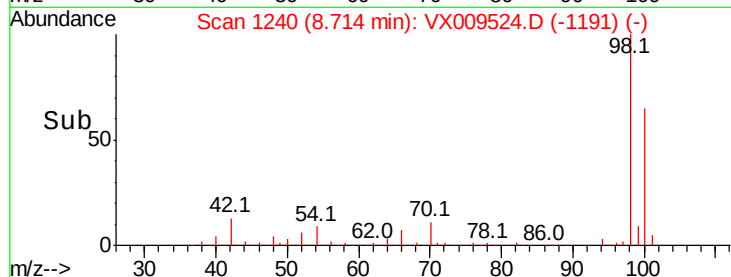
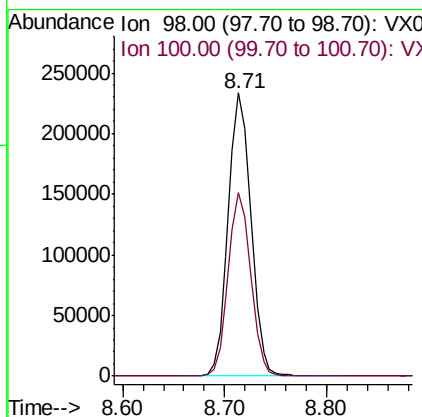
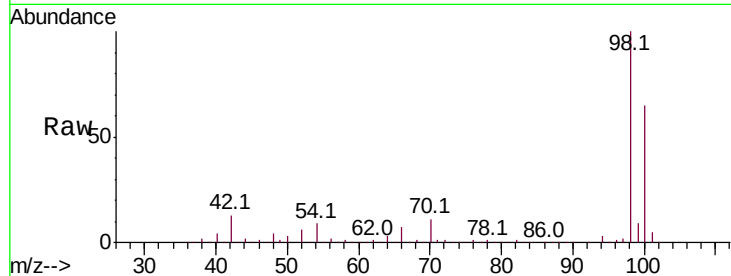
#50
Toluene-d8
Concen: 48.928 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009524.D
Acq: 11 May 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion: 98 Resp: 361421
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8

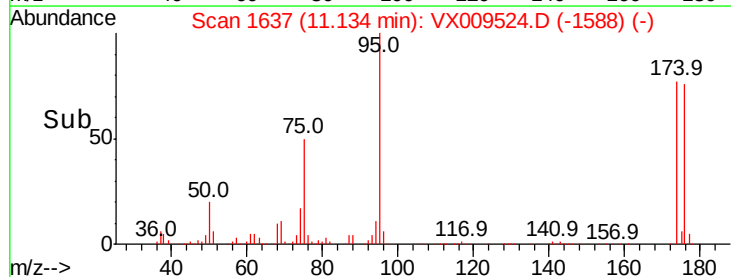
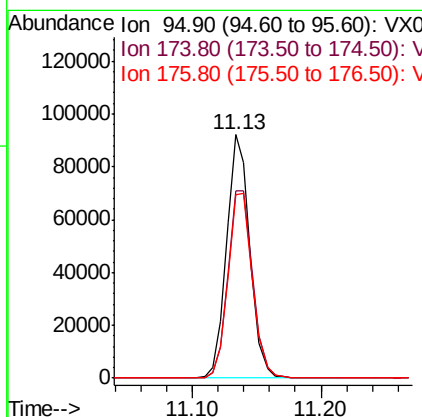
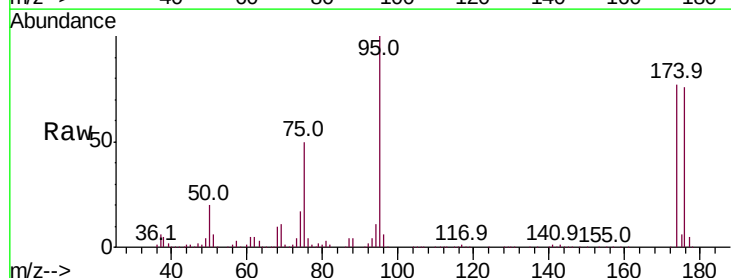
Manual Integrations
APPROVED

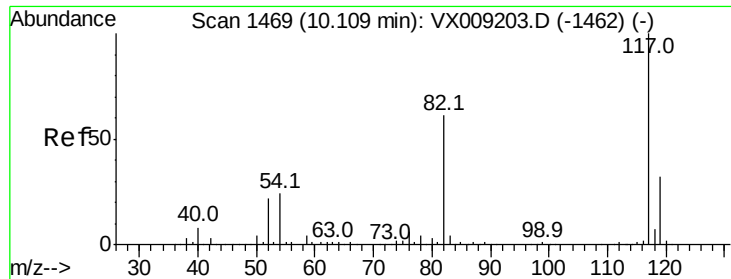
MMDadoda
5/13/2019 4:27:20 PM



#62
4-Bromofluorobenzene
Concen: 43.570 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009524.D
Acq: 11 May 2019 14:44

Tgt Ion: 95 Resp: 116944
Ion Ratio Lower Upper
95 100
174 81.9 0.0 161.6
176 79.7 0.0 159.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009524.D

Acq: 11 May 2019 14:44

Instrument :

MSVOA_X

ClientSampled :

MW-3

Tot Ion:117 Resp: 250678

Ion Ratio Lower Upper

117 100

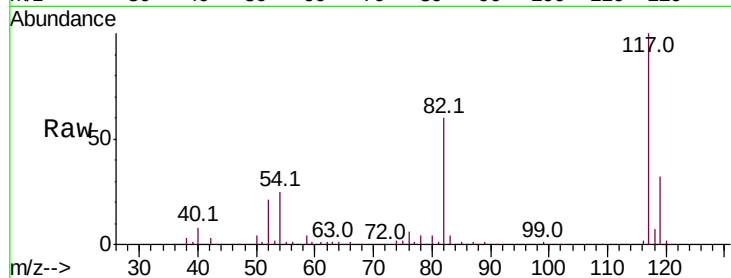
82 59.5 48.8 73.2

119 31.9 25.8 38.6

Manual Integrations
APPROVED

MMDadoda

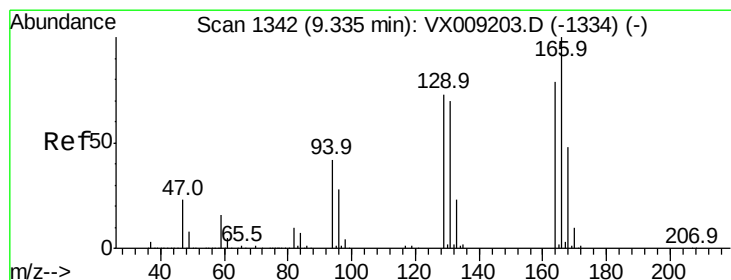
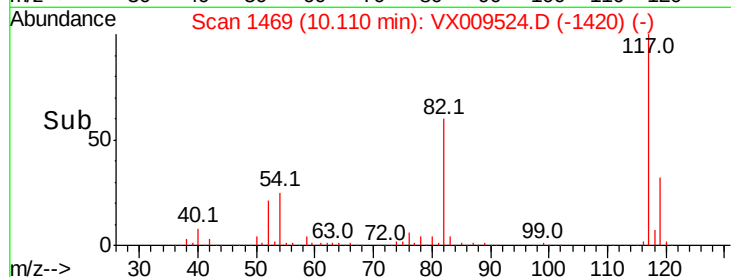
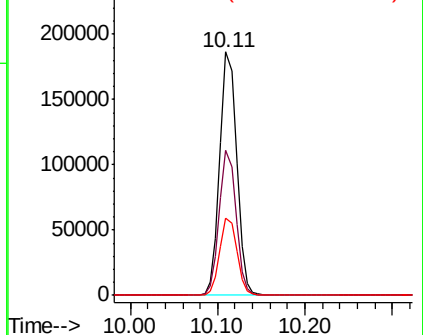
5/13/2019 4:27:20 PM



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 3.154 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009524.D

Acq: 11 May 2019 14:44

Tgt Ion:164 Resp: 5423

Ion Ratio Lower Upper

164 100

166 122.7 101.2 151.8

129 88.0 74.3 111.5

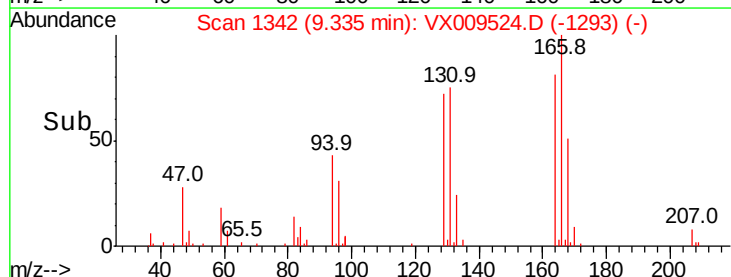
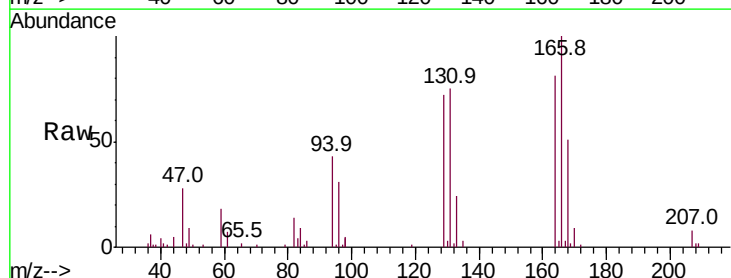
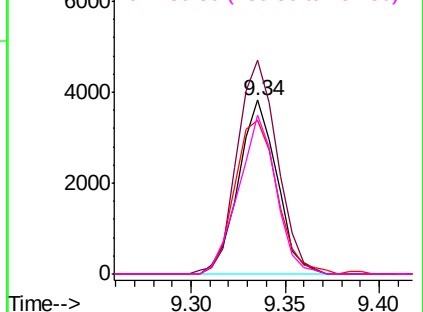
131 91.5 71.0 106.6

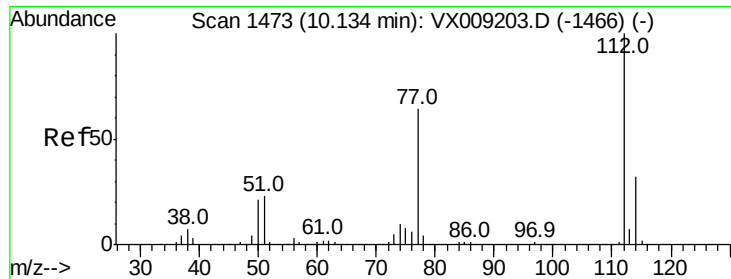
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





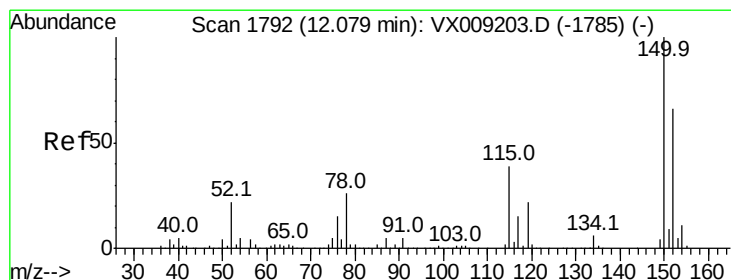
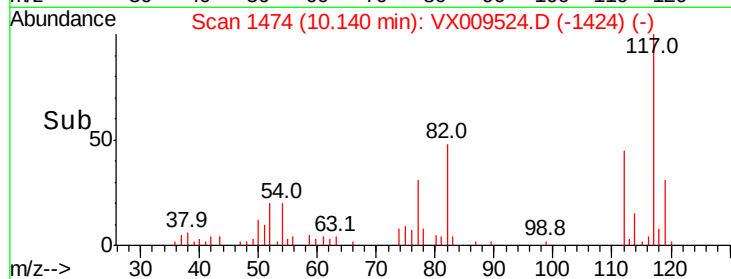
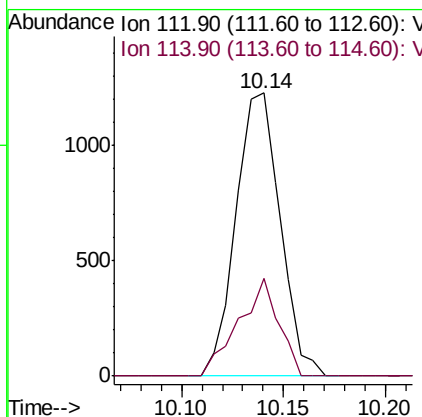
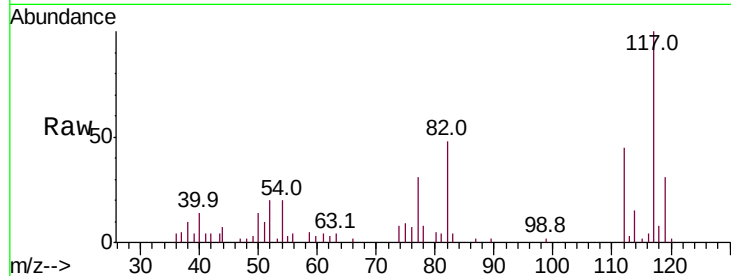
#65
Chlorobenzene
Concen: 0.370 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009524.D
Acq: 11 May 2019 14:44

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tot Ion	Ratio	Lower	Upper
112	100		
114	34.4	25.5	38.3

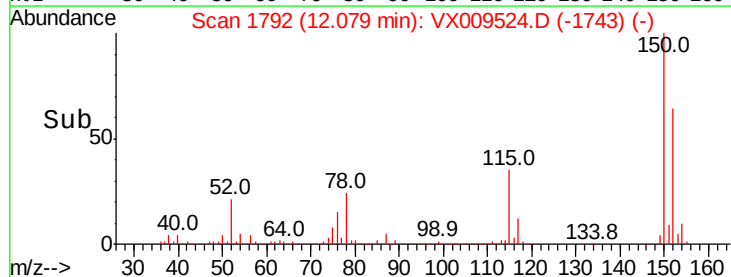
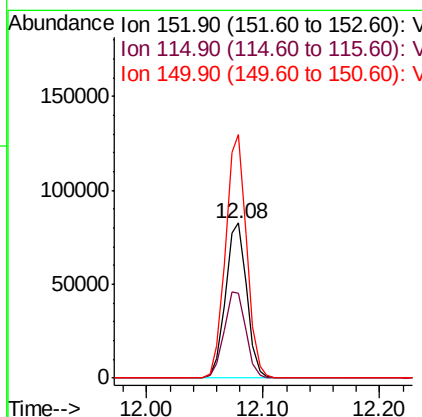
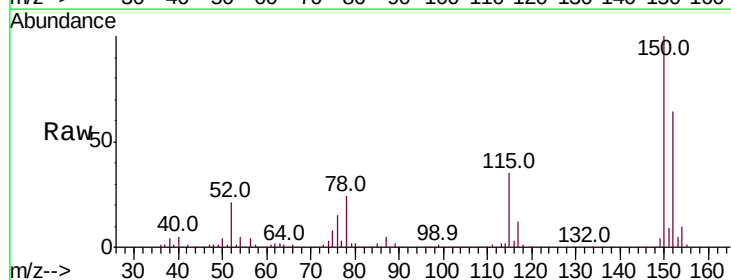
Manual Integrations
APPROVED

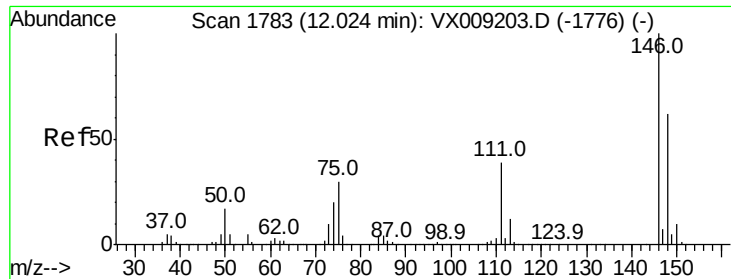
MMDadoda
5/13/2019 4:27:20 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009524.D
Acq: 11 May 2019 14:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	41.2	123.6
150	155.5	0.0	346.4





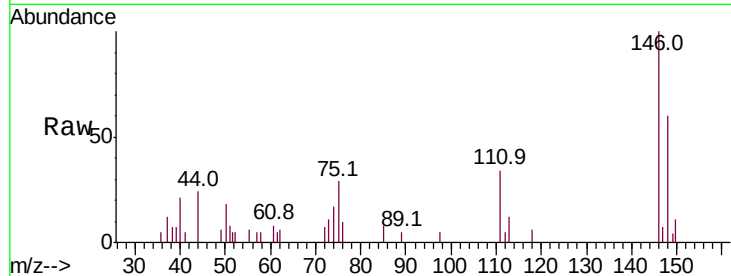
#87
 1,3-Dichlorobenzene
 Concen: 0.410 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009524.D
 Acq: 11 May 2019 14:44

Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.0	59.9
148	72.3	31.8	95.3

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 4:27:20 PM

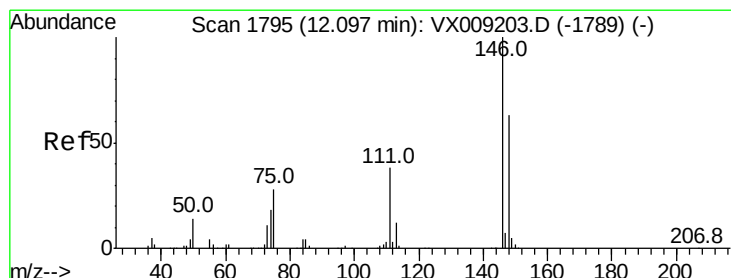
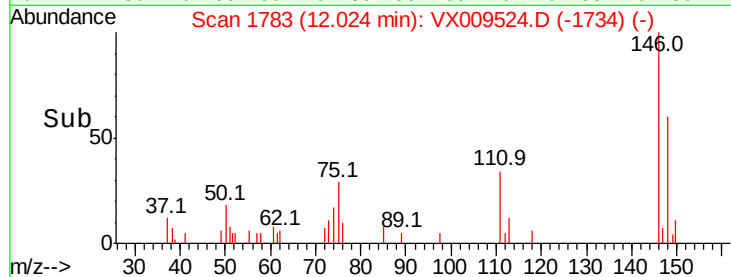
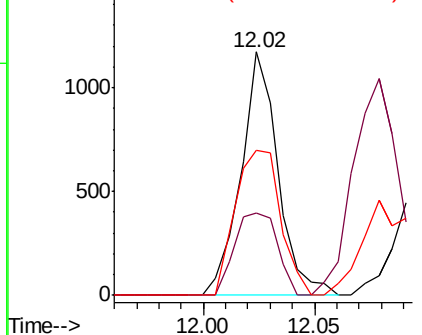


Abundance

Ion 145.90 (145.60 to 146.60): V

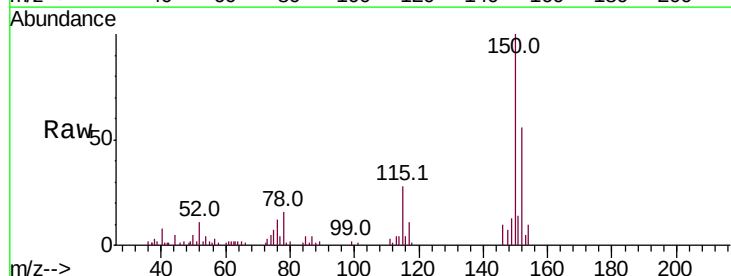
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 0.227 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009524.D
 Acq: 11 May 2019 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	69.9	19.6	58.8#
148	129.4	31.8	95.3#

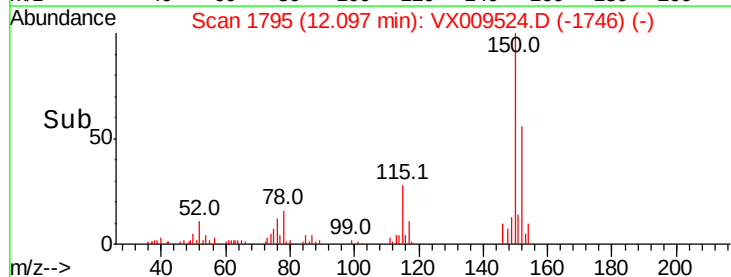
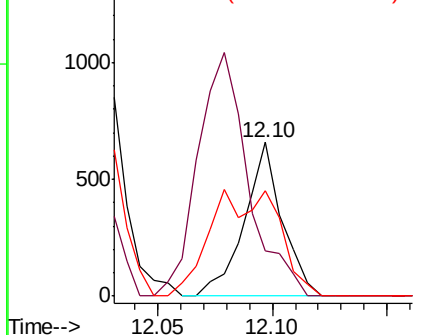


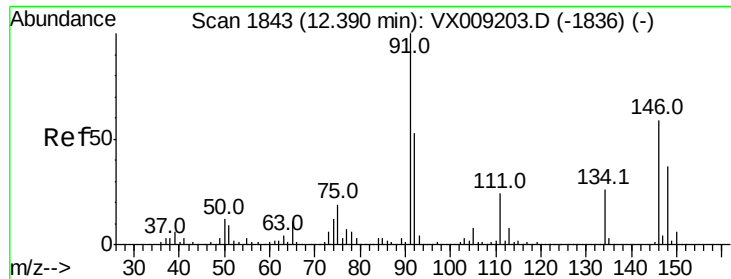
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





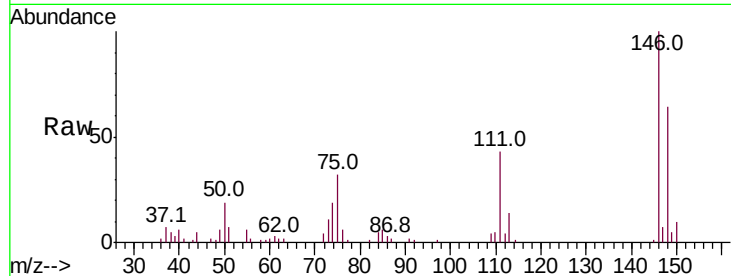
#91
 1,2-Dichlorobenzene
 Concen: 2.171 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009524.D
 Acq: 11 May 2019 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	20.8	62.4
148	66.8	31.9	95.9

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 4:27:20 PM



Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

