

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008303.D
 Acq On : 21 Mar 2019 20:22
 Operator : JC/SP
 Sample : K1860-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20190311

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 3:31:31 PM

Quant Time: Mar 26 02:09:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316809	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	125277	41.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.86%	
35) Dibromofluoromethane	5.50	113	95355	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.92%	
50) Toluene-d8	8.71	98	408644	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.13	95	141767	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	23752	9.21	ug/l	97
12) 1,1-Dichloroethene	2.38	96	11125	4.57	ug/l	94
24) 1,1-Dichloroethane	3.70	63	5221	0.98	ug/l	93
27) cis-1,2-Dichloroethene	4.61	96	7148	2.38	ug/l	91
30) Chloroform	5.21	83	5037m	1.01	ug/l	
38) Carbon Tetrachloride	5.79	117	5130m	1.56	ug/l	
44) Trichloroethene	7.22	130	5840310	2187.91	ug/l	91
49) 1,4-Dioxane	7.74	88	1000	15.25	ug/l #	79
55) 1,1,2-Trichloroethane	9.21	97	2375m	0.91	ug/l	
64) Tetrachloroethene	9.34	164	6804	2.48	ug/l	97

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

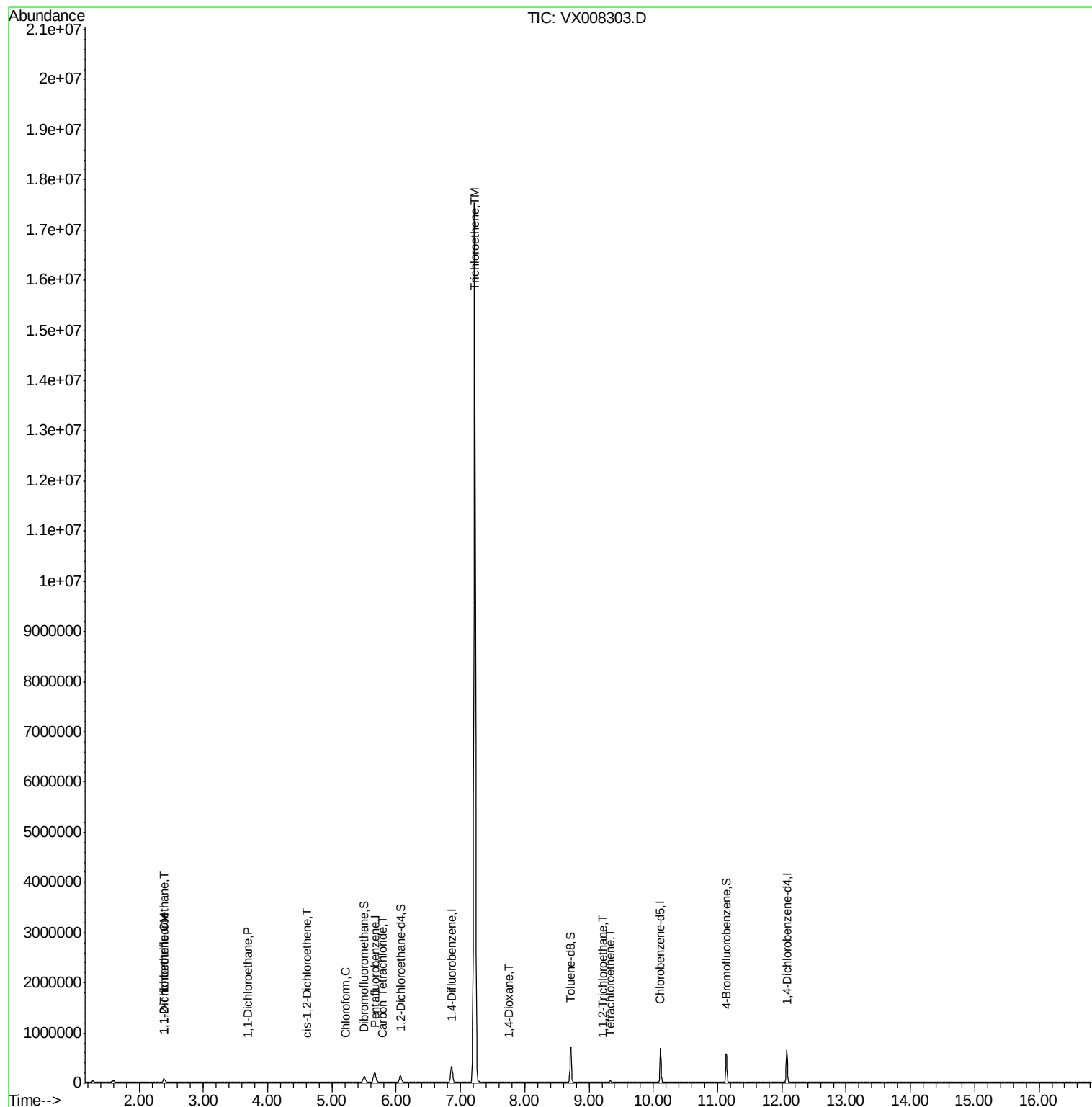
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032119\
Data File : VX008303.D
Acq On : 21 Mar 2019 20:22
Operator : JC/SP
Sample : K1860-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

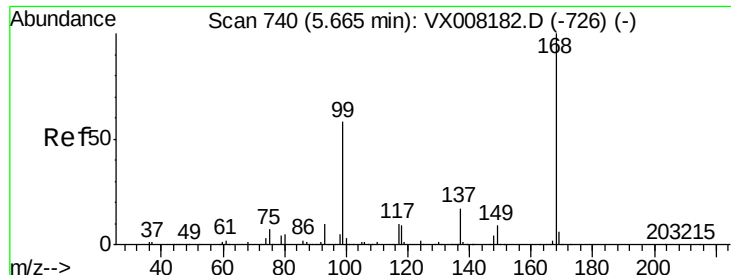
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20190311

Manual Integrations
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Quant Time: Mar 26 02:09:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 13:15:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008303.D

Acq: 21 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20190311

Tot Ion:168 Resp: 200754

Ion Ratio Lower Upper

168 100

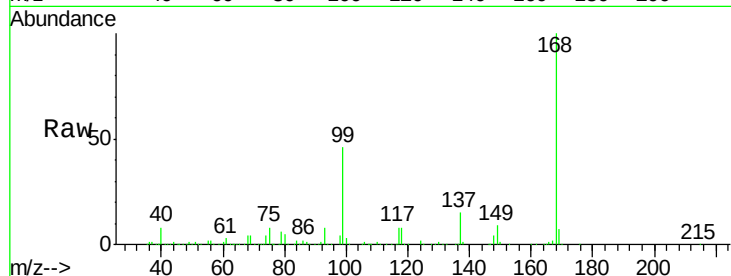
99 45.6 37.6 56.4

Manual Integrations

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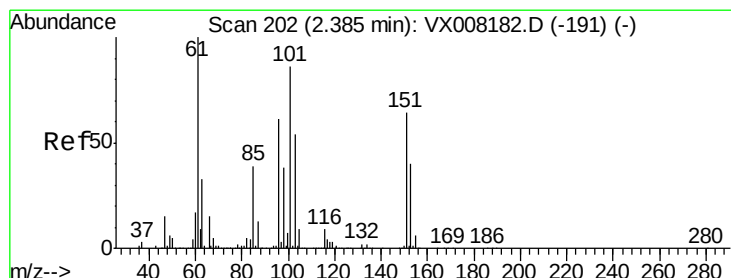
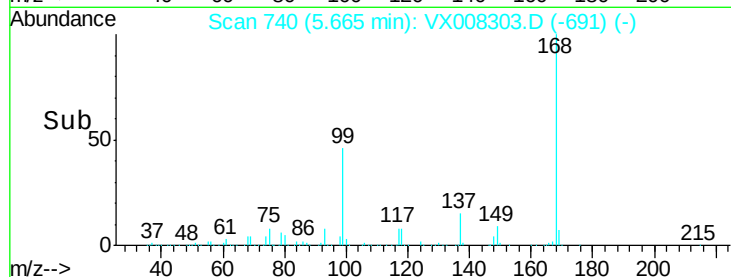
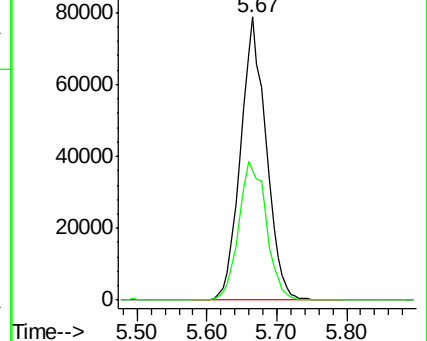
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.21 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008303.D

Acq: 21 Mar 2019 20:22

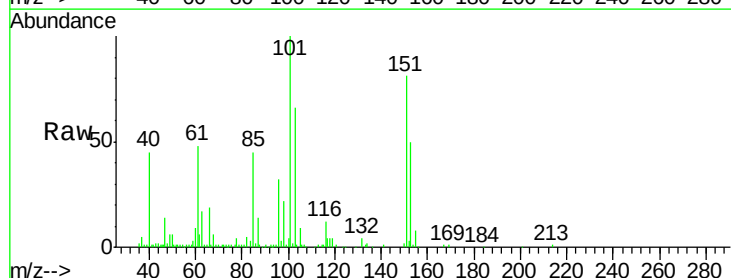
Tgt Ion:101 Resp: 23752

Ion Ratio Lower Upper

101 100

85 45.1 33.8 50.6

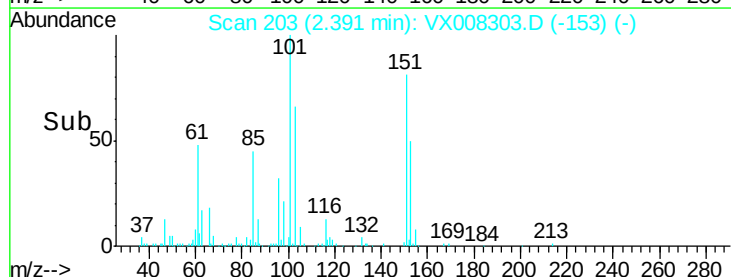
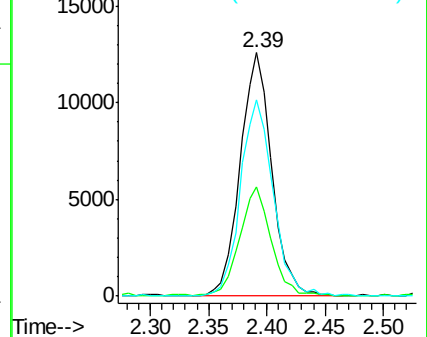
151 83.9 69.1 103.7

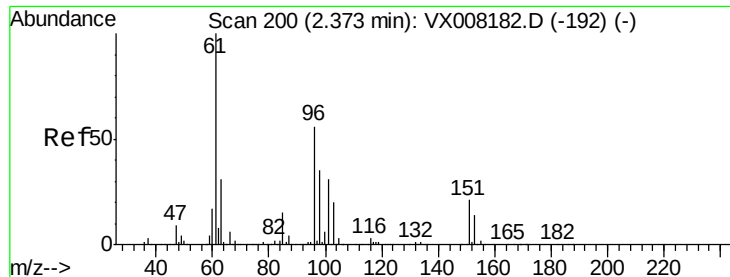


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





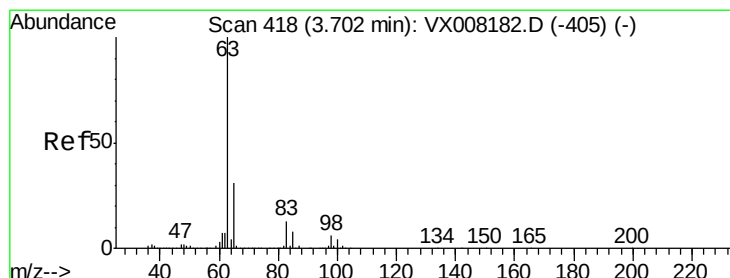
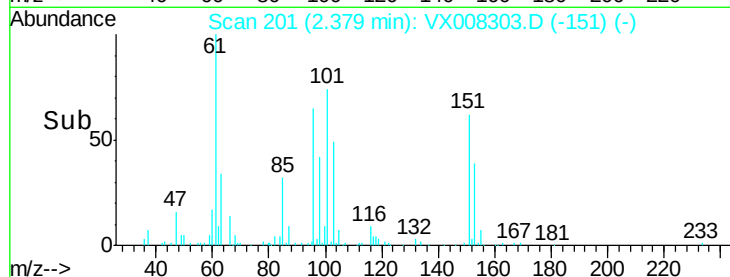
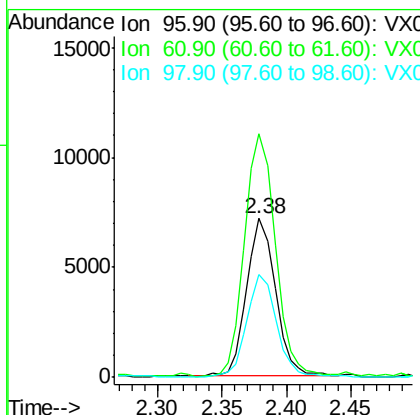
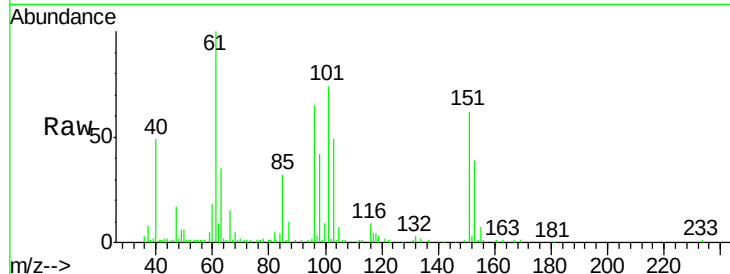
#12
 1,1-Dichloroethene
 Concen: 4.57 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX008303.D
 Acq: 21 Mar 2019 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20190311

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.6	129.8	194.6
98	65.5	51.0	76.6

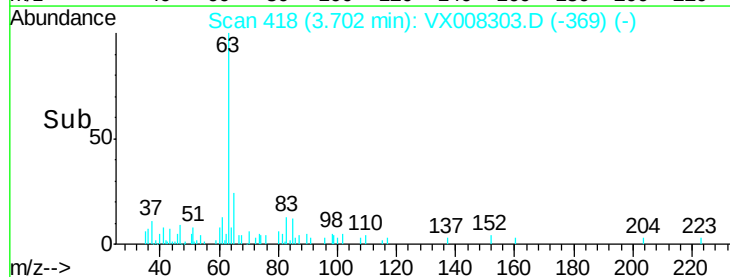
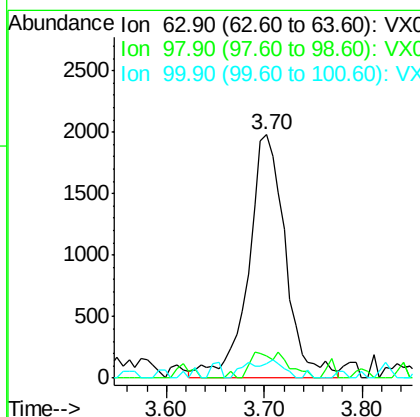
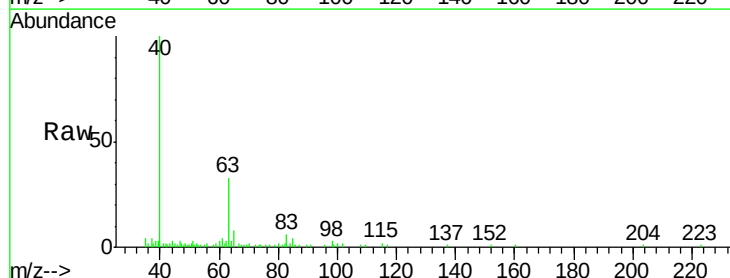
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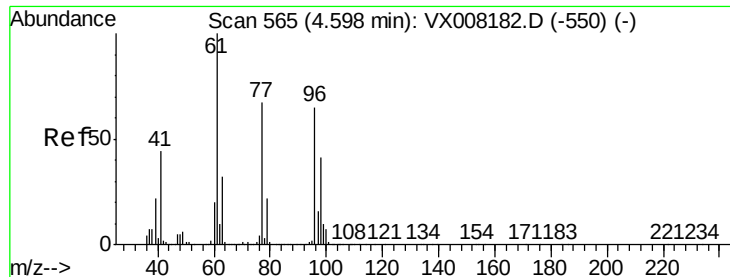
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#24
 1,1-Dichloroethane
 Concen: 0.98 ug/l
 RT: 3.70 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: VX008303.D
 Acq: 21 Mar 2019 20:22

Tgt Ion	Ratio	Lower	Upper
63	100		
98	9.6	3.3	9.8
100	3.4	2.3	6.8





#27

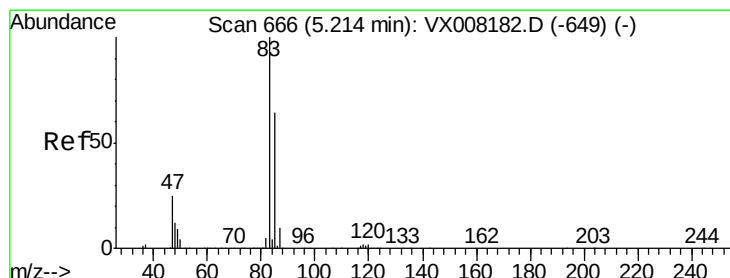
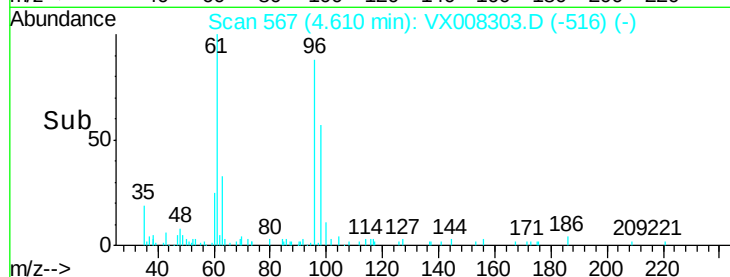
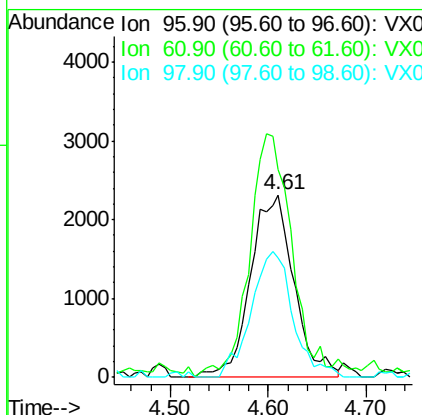
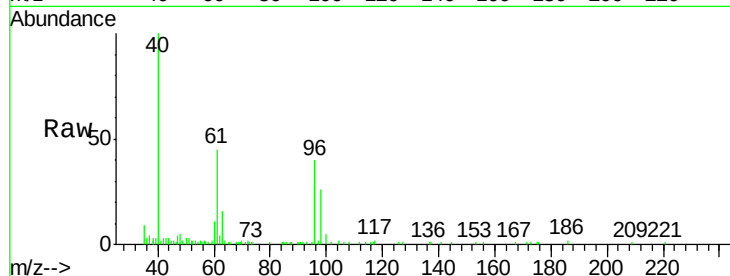
cis-1,2-Dichloroethene
 Concen: 2.38 ug/l
 RT: 4.61 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: VX008303.D
 Acq: 21 Mar 2019 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20190311

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.9	0.0	288.0
98	66.1	0.0	129.0

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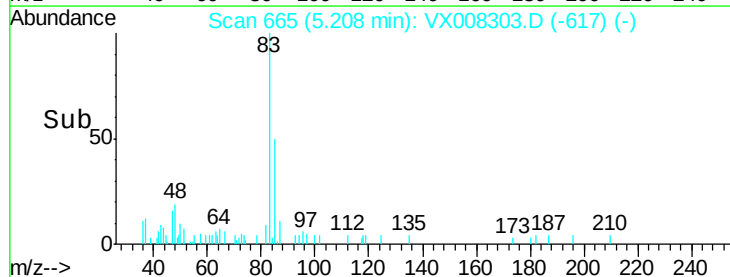
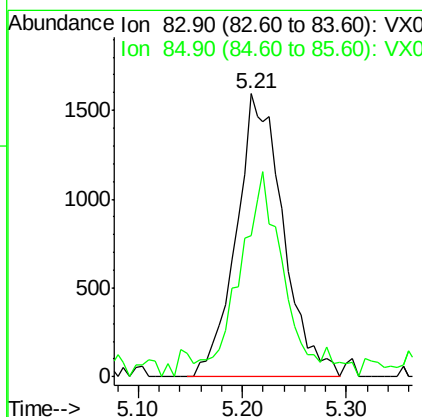
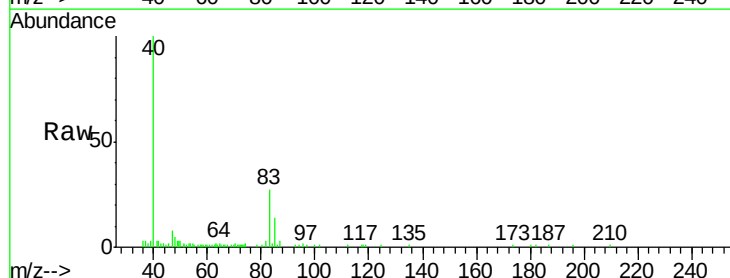
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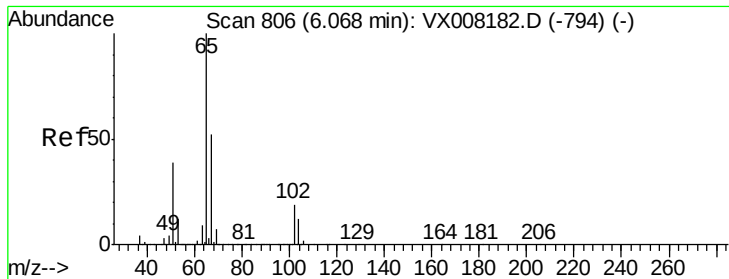


#30

Chloroform
 Concen: 1.01 ug/l m
 RT: 5.21 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: VX008303.D
 Acq: 21 Mar 2019 20:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	50.0	51.8	77.6#





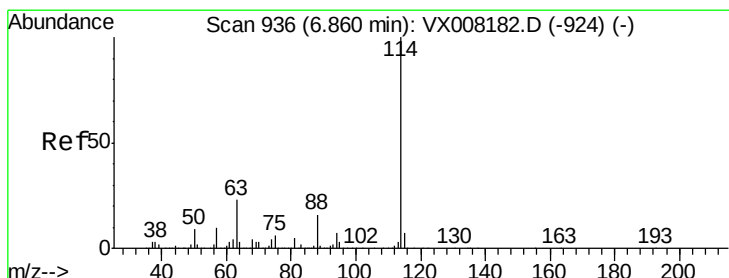
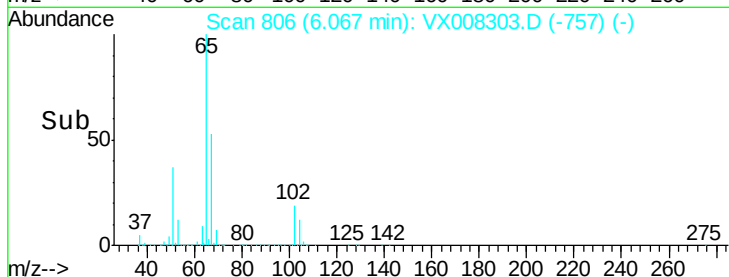
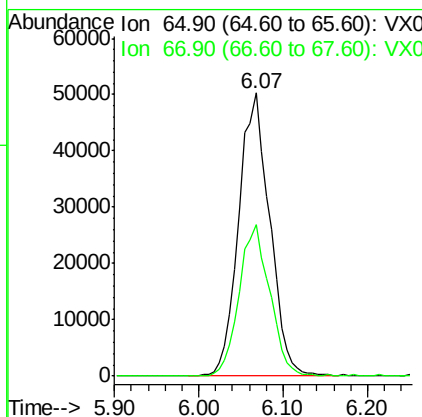
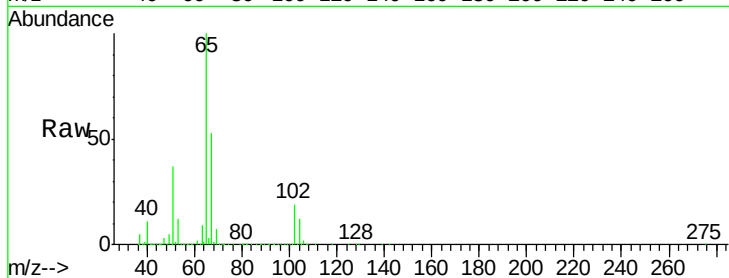
#33
 1,2-Dichloroethane-d4
 Concen: 41.43 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX008303.D
 Acq: 21 Mar 2019 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20190311

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	110.0

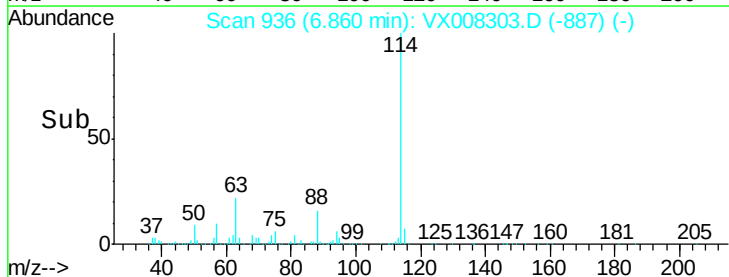
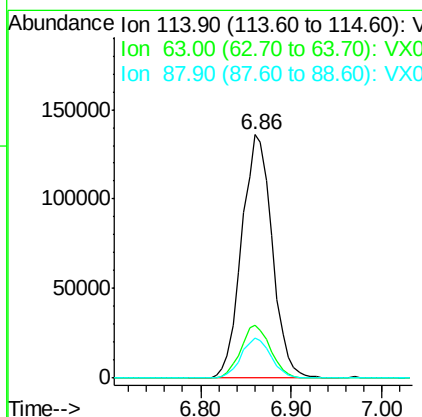
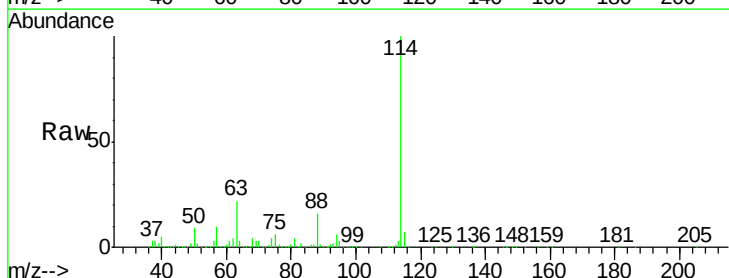
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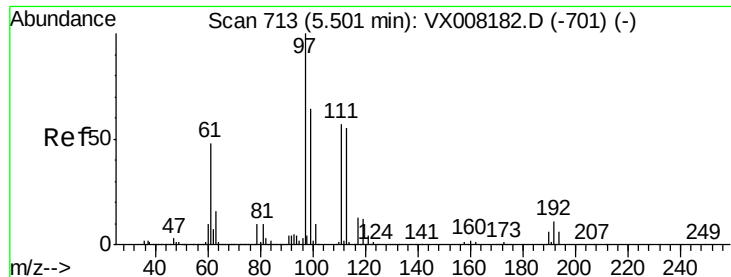
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008303.D
 Acq: 21 Mar 2019 20:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	39.8
88	16.4	0.0	31.4





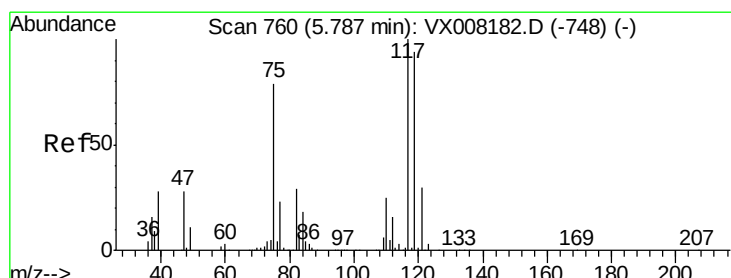
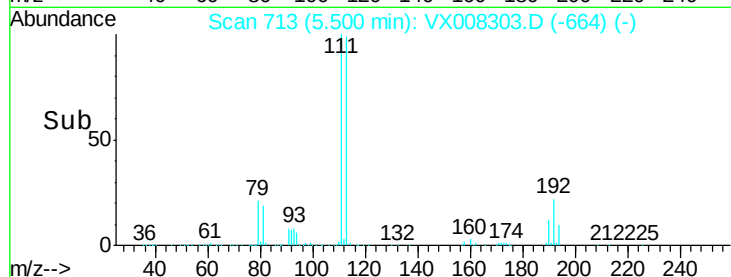
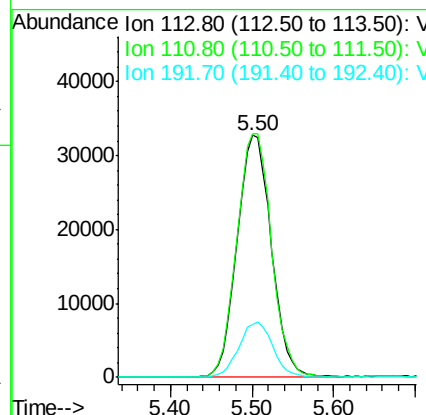
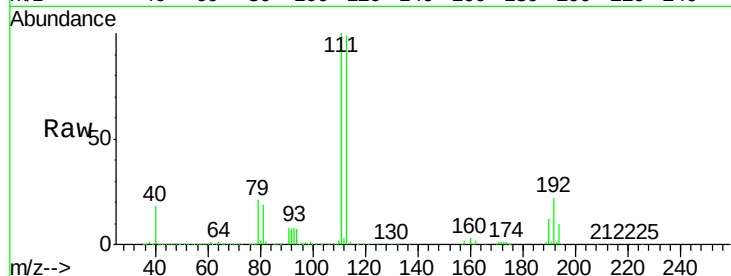
#35
 Dibromofluoromethane
 Concen: 44.96 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008303.D
 Acq: 21 Mar 2019 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20190311

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.0
192	22.8	19.4	29.0

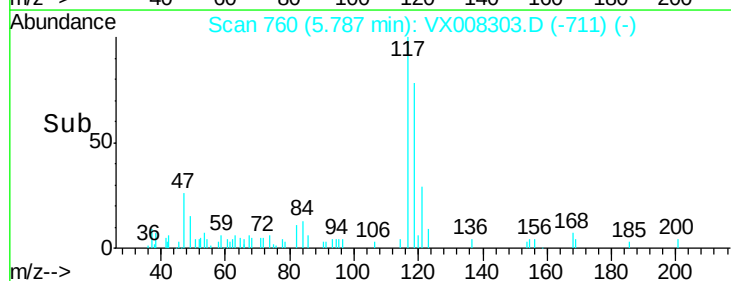
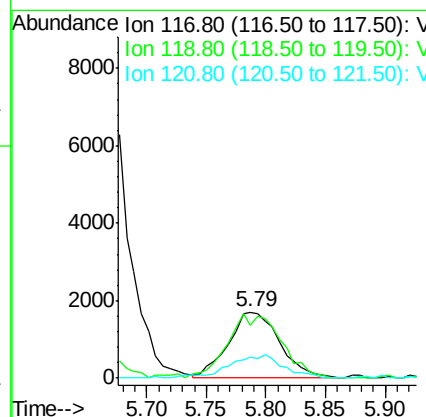
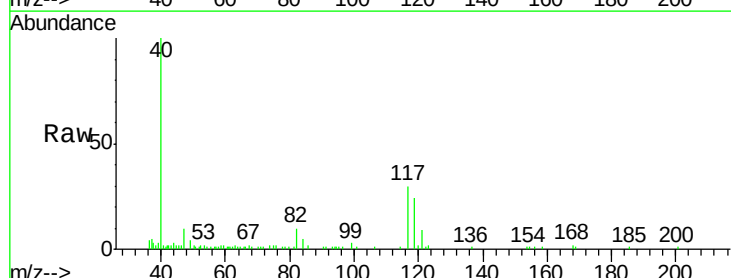
Manual Integrations
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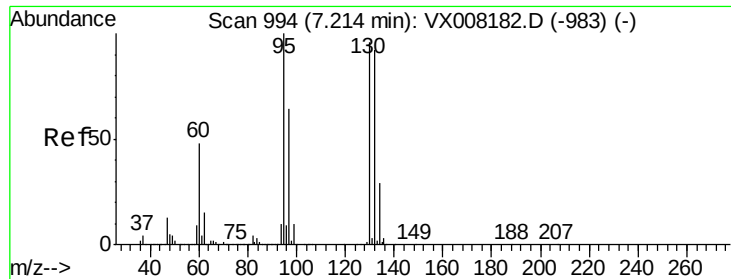
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#38
 Carbon Tetrachloride
 Concen: 1.56 ug/l m
 RT: 5.79 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: VX008303.D
 Acq: 21 Mar 2019 20:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	80.9	76.2	114.2
121	30.9	24.6	36.8





#44

Trichloroethene

Concen: 2187.91 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX008303.D

Acq: 21 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20190311

Tot Ion:130 Resp: 5840310

Ion Ratio Lower Upper

130 100

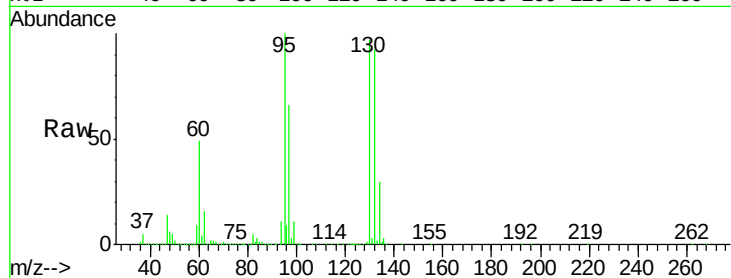
95 103.0 0.0 188.0

Manual Integrations

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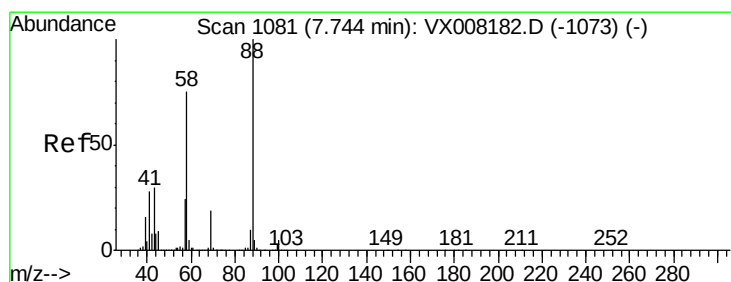
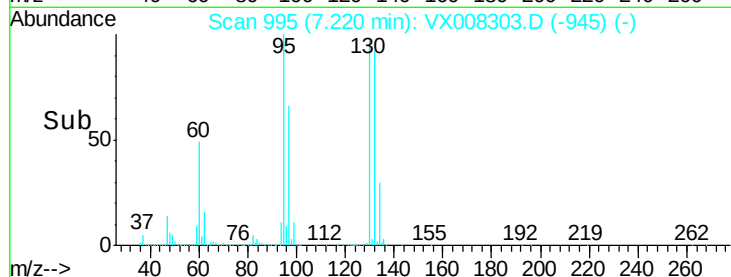
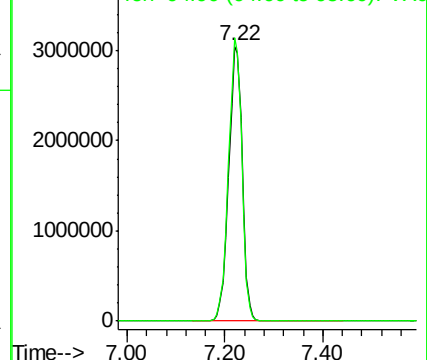
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 15.25 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.00 min

Lab File: VX008303.D

Acq: 21 Mar 2019 20:22

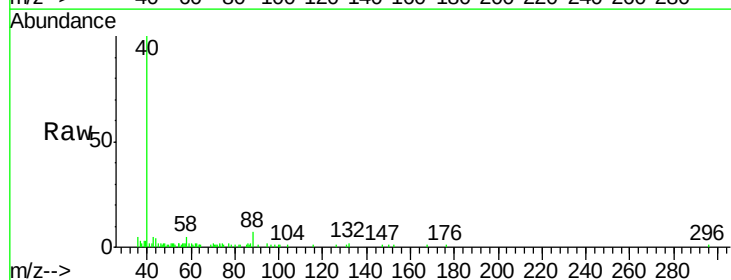
Tgt Ion: 88 Resp: 1000

Ion Ratio Lower Upper

88 100

43 35.5 25.1 37.7

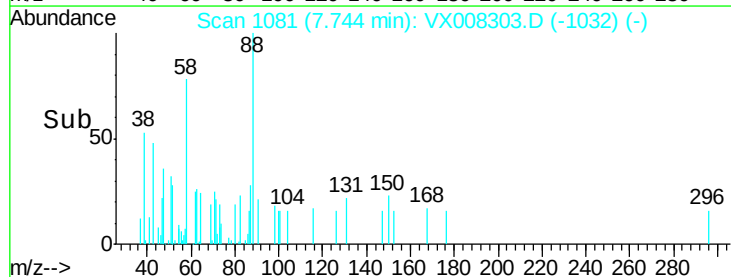
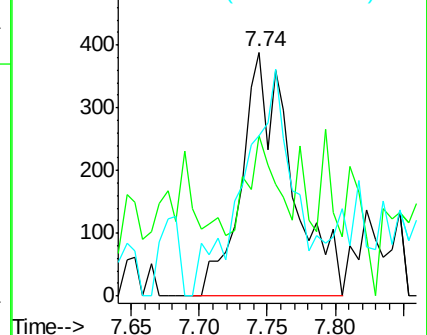
58 94.8 57.8 86.6#

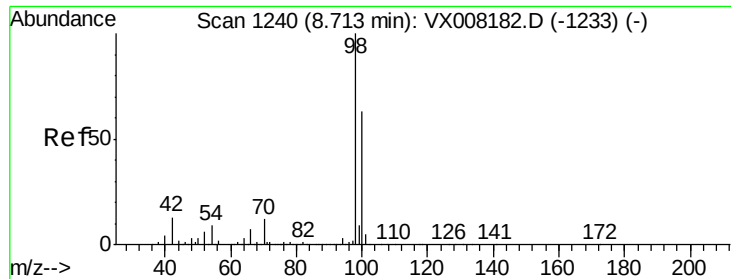


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.82 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008303.D

Acq: 21 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20190311

Tot Ion: 98 Resp: 408644

Ion Ratio Lower Upper

98 100

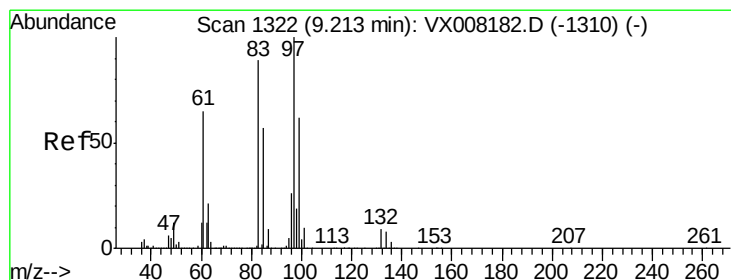
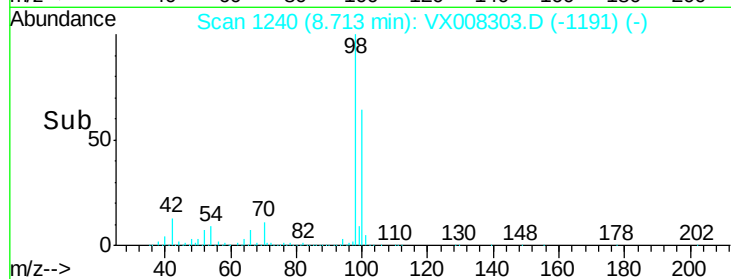
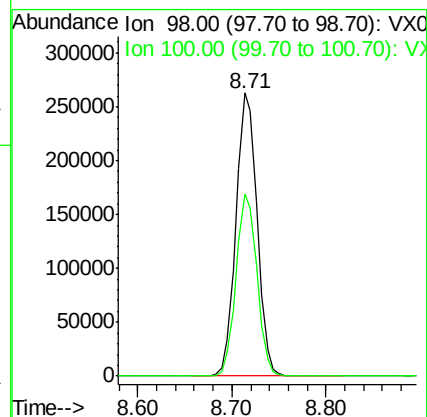
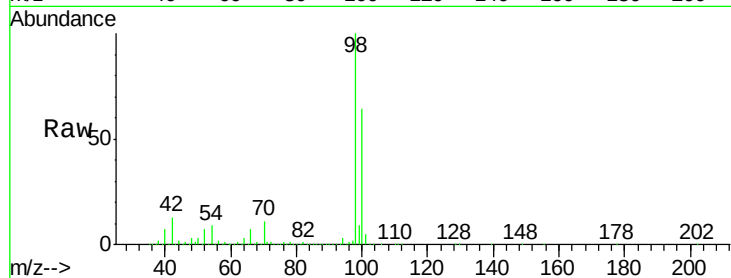
100 64.1 51.7 77.5

Manual Integrations

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#55

1,1,2-Trichloroethane

Concen: 0.91 ug/l m

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008303.D

Acq: 21 Mar 2019 20:22

Tgt Ion: 97 Resp: 2375

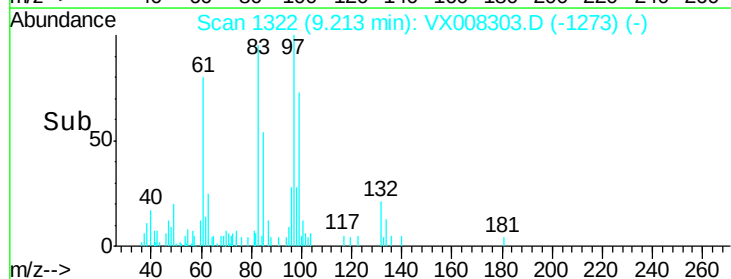
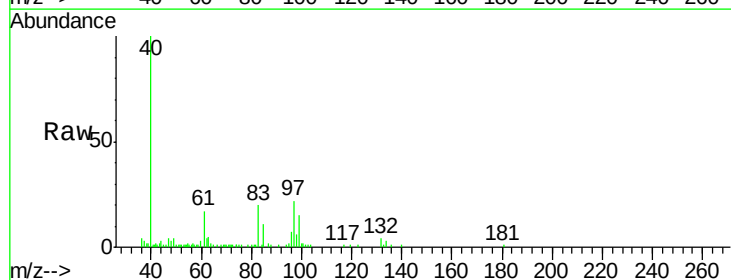
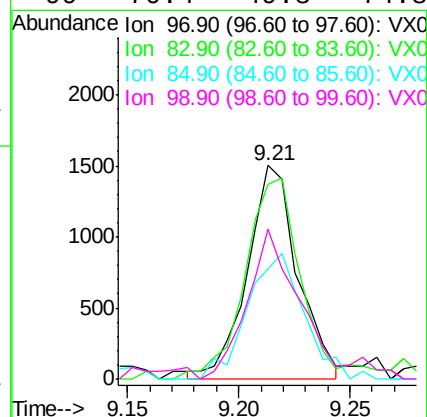
Ion Ratio Lower Upper

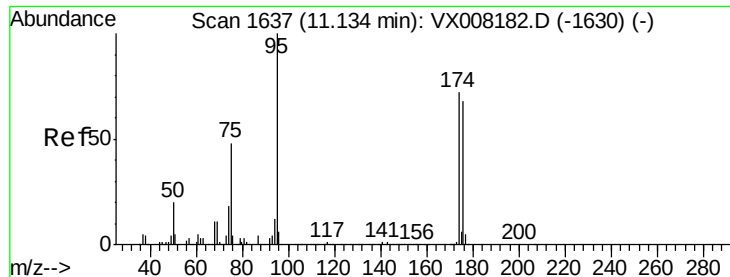
97 100

83 90.9 69.1 103.7

85 51.6 44.3 66.5

99 70.4 49.8 74.8





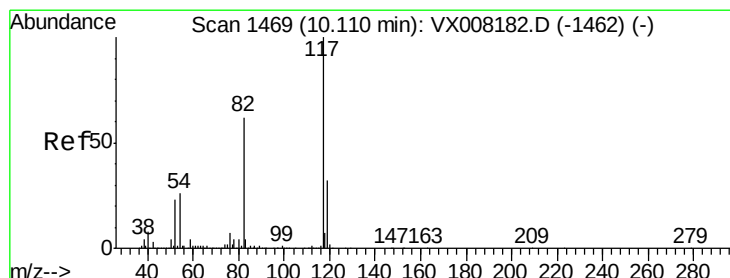
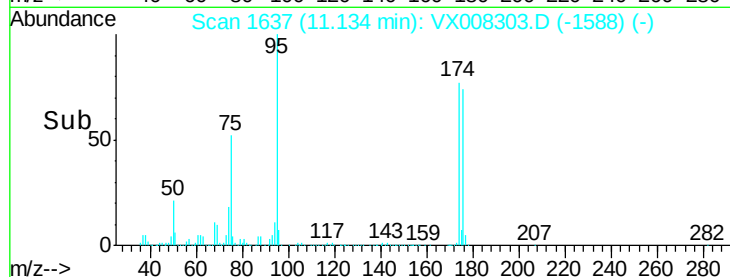
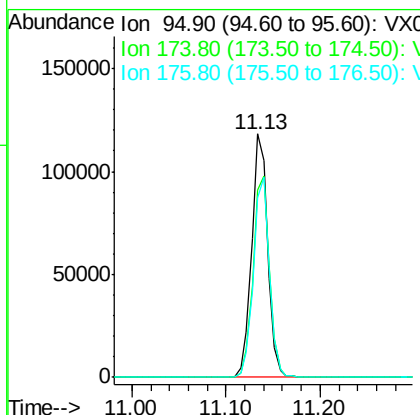
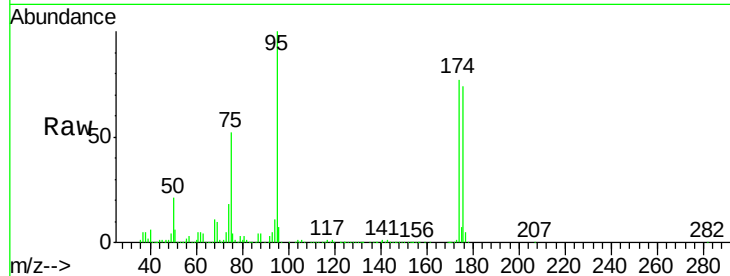
#62
4-Bromofluorobenzene
Concen: 51.21 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008303.D
Acq: 21 Mar 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20190311

Tot Ion	Ratio	Resp	Lower	Upper
95	100	141767		
174	85.2	0.0	182.8	
176	82.6	0.0	178.0	

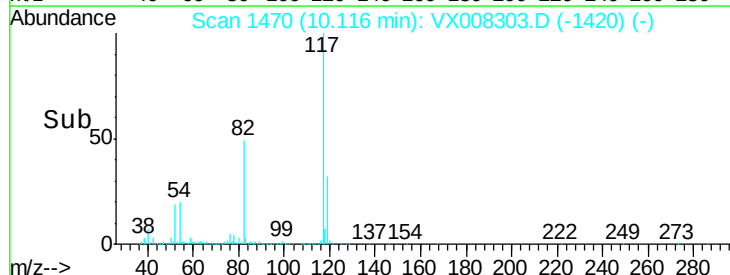
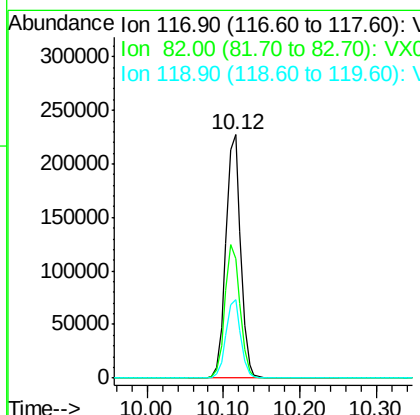
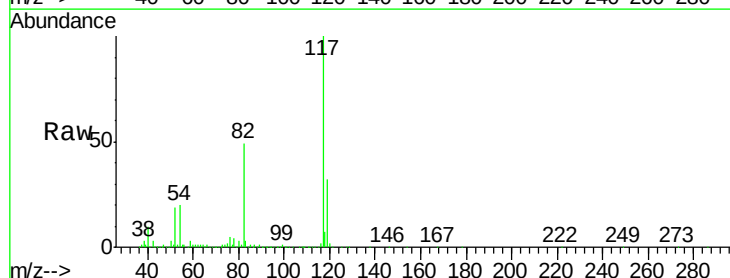
Manual Integrations
APPROVED

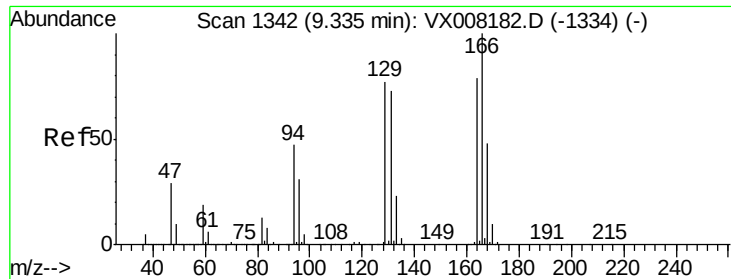
MMDadoda
3/27/2019 3:31:31 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008303.D
Acq: 21 Mar 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	304641		
82	49.1	44.3	66.5	
119	32.0	25.3	37.9	





#64

Tetrachloroethene

Concen: 2.48 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008303.D

Acq: 21 Mar 2019 20:22

Instrument :

MSVOA_X

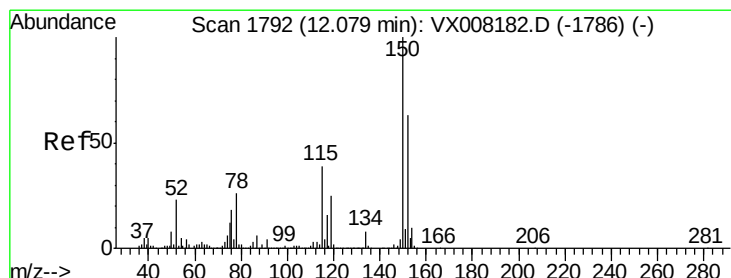
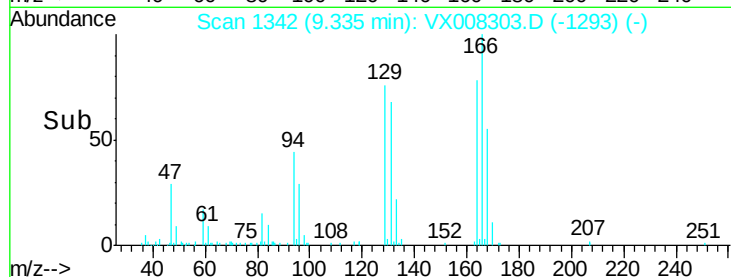
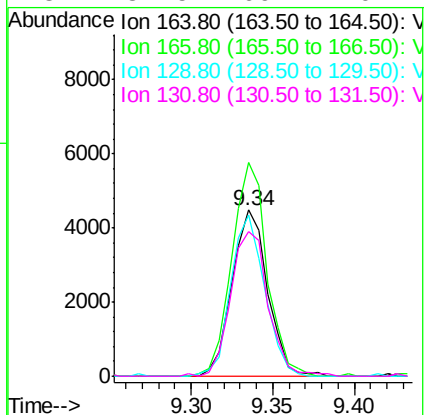
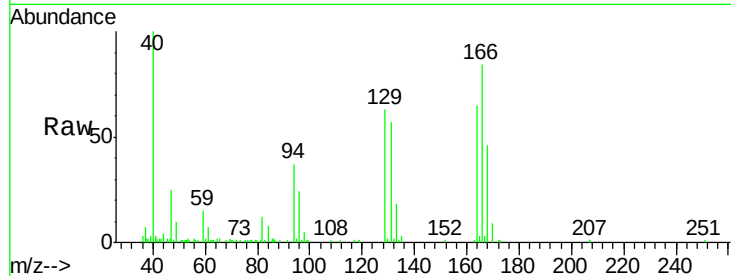
ClientSampleId :

RE105D2-20190311

Tot Ion:	164	Resp:	6804
Ion	Ratio	Lower	Upper
164	100		
166	128.8	103.4	155.0
129	97.6	72.2	108.4
131	87.5	69.4	104.2

Manual Integrations
APPROVED

MMDadoda
3/27/2019 3:31:31 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008303.D

Acq: 21 Mar 2019 20:22

Tgt Ion:	152	Resp:	131906
Ion	Ratio	Lower	Upper
152	100		
115	58.3	38.6	115.7
150	156.6	0.0	348.4

