

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
 Data File : VX007979.D
 Acq On : 11 Mar 2019 19:23
 Operator : JC/SP
 Sample : K1841-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308

Manual Integrations
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 3/12/2019 3:23:48 PM

Quant Time: Mar 12 10:28:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	379763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	139082	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
35) Dibromofluoromethane	5.51	113	129937	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
50) Toluene-d8	8.71	98	480201	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.13	95	179357	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	23091	10.190	ug/l	100
12) 1,1-Dichloroethene	2.38	96	10921	5.000	ug/l	99
16) Acetone	2.45	43	4301	2.744	ug/l	98
24) 1,1-Dichloroethane	3.70	63	4211	0.930	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	10404	3.783	ug/l	89
30) Chloroform	5.21	83	7500	1.751	ug/l	95
38) Carbon Tetrachloride	5.77	117	5563	1.617	ug/l	94
44) Trichloroethene	7.23	130	9221686	3101.814	ug/l	98
49) 1,4-Dioxane	7.76	88	1202	17.487	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	5047m	1.893	ug/l	
64) Tetrachloroethene	9.34	164	6687	2.125	ug/l	98

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

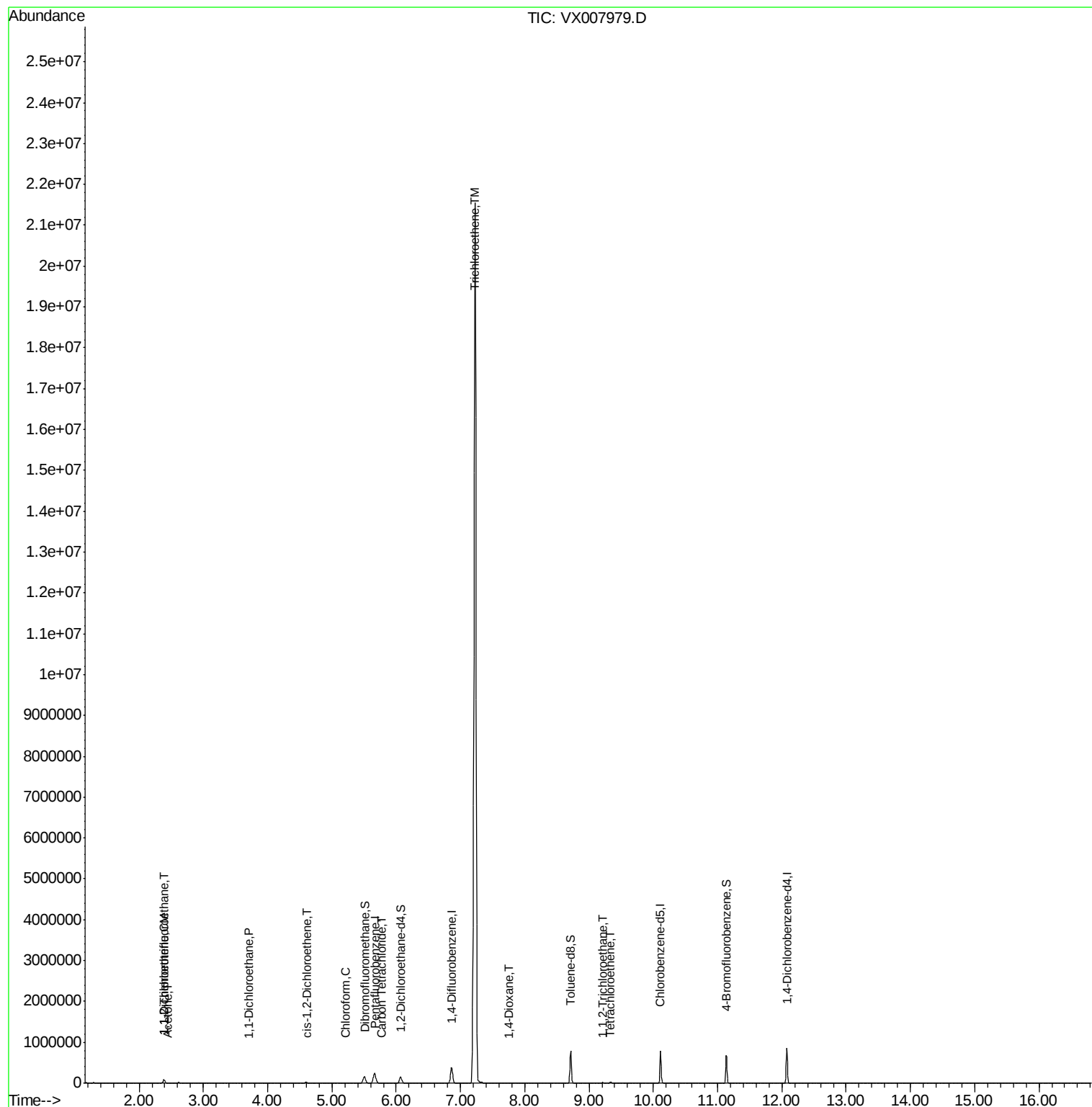
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Data File : VX007979.D
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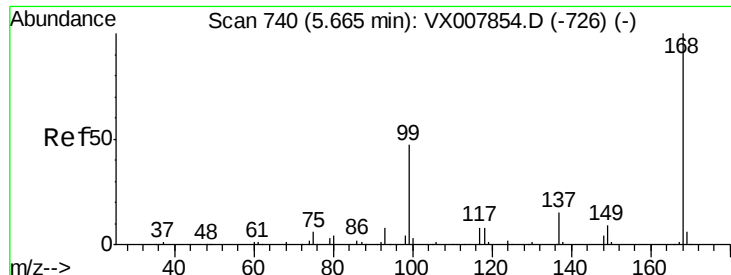
Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Mar 12 10:28:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308

Tgt Ion:168 Resp: 256722

Ion Ratio Lower Upper

168 100

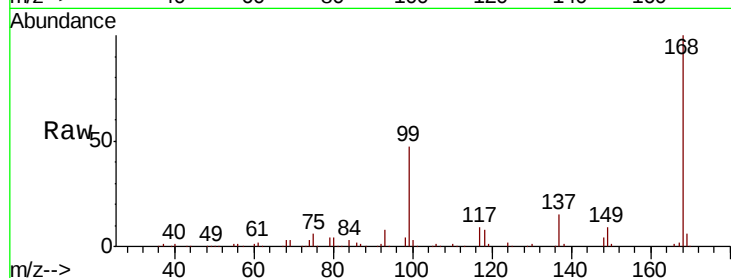
99 46.8 37.6 56.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

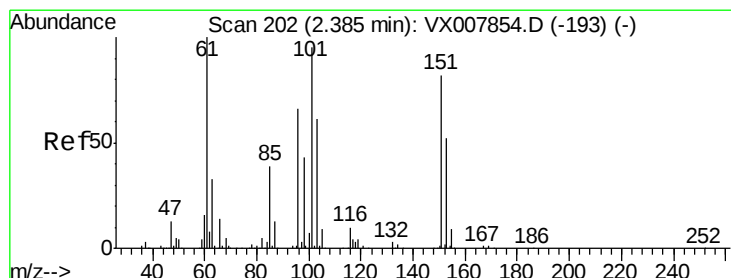
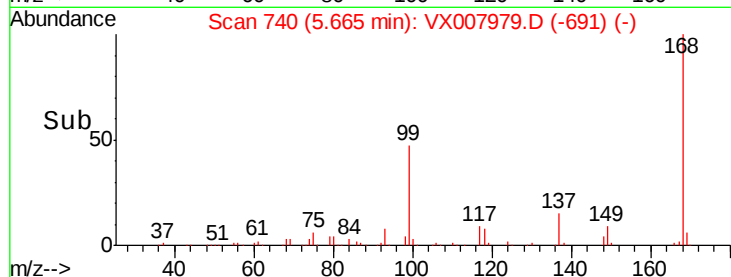
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.190 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

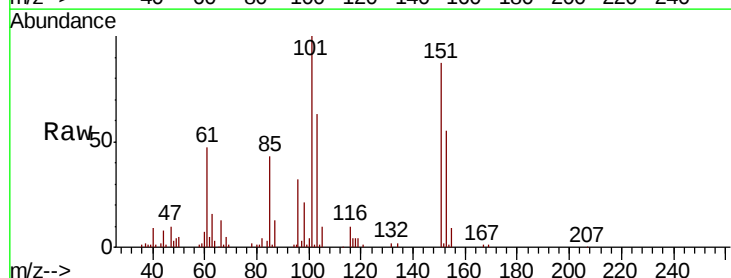
Tgt Ion:101 Resp: 23091

Ion Ratio Lower Upper

101 100

85 42.3 33.8 50.6

151 86.3 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

15000

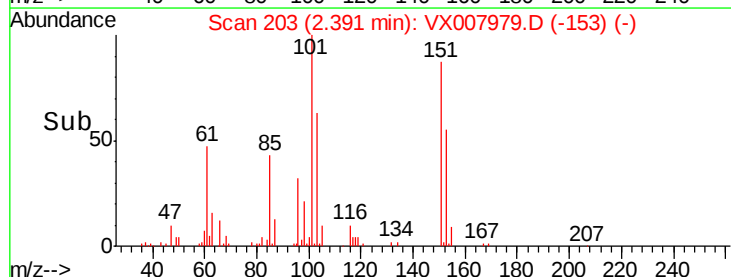
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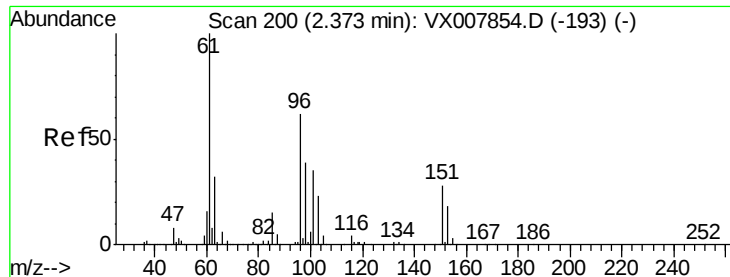
5000

0

2.30 2.35 2.40 2.45

Time-->





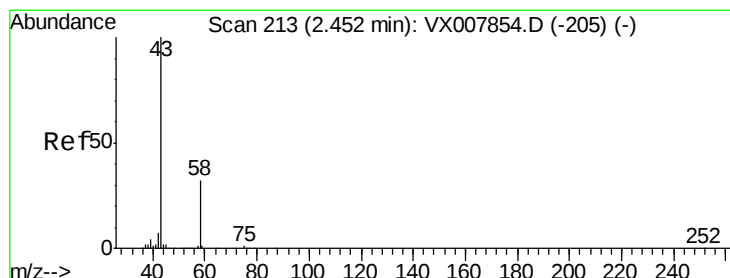
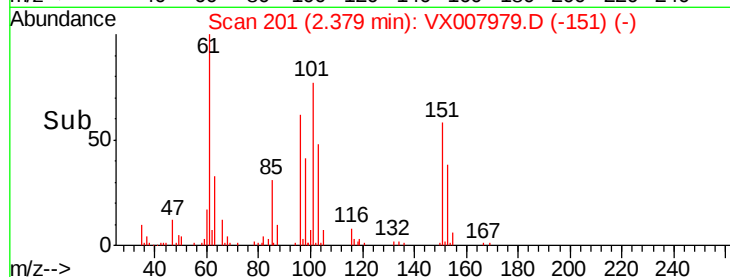
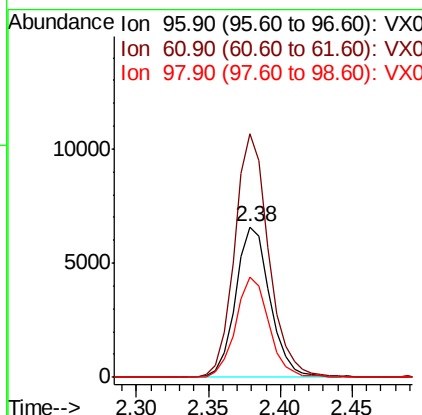
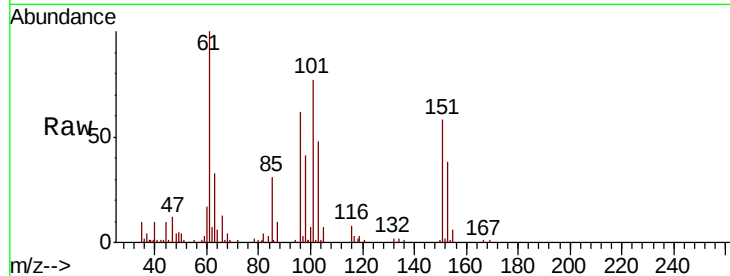
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 1,1-Dichloroethene
 Concen: 5.000 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007979.D
 Acq: 11 Mar 2019 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.0	129.8	194.6
98	66.6	51.0	76.6

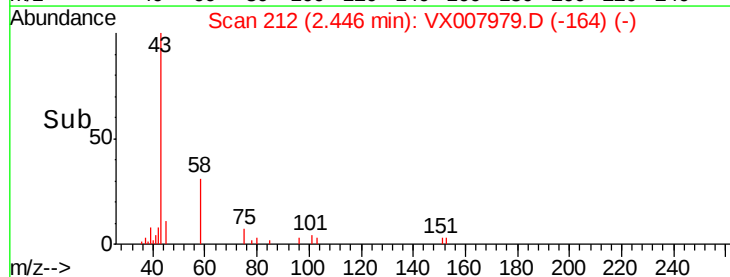
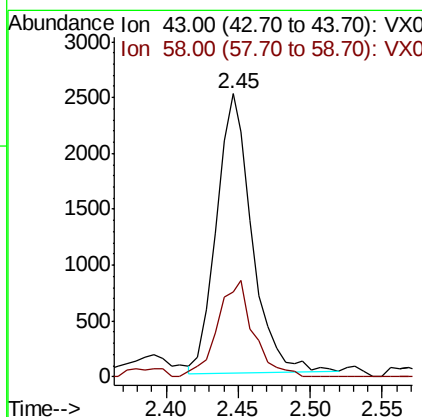
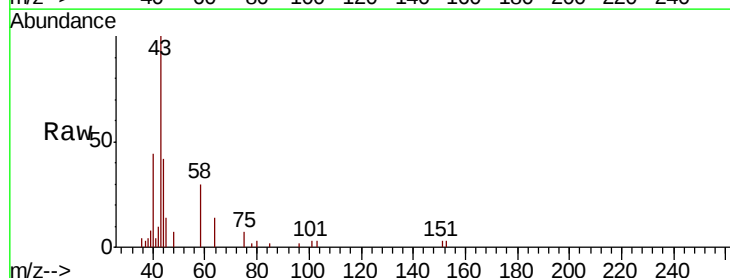
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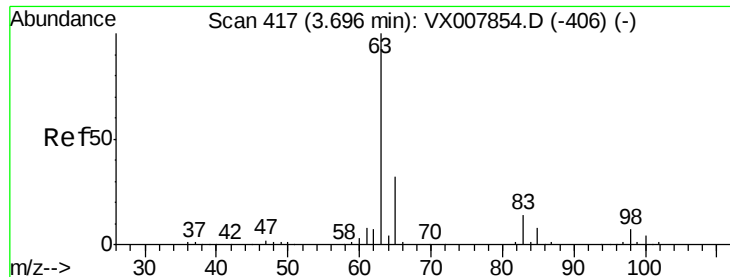
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#16
 Acetone
 Concen: 2.744 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.01 min
 Lab File: VX007979.D
 Acq: 11 Mar 2019 19:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.5	38.3





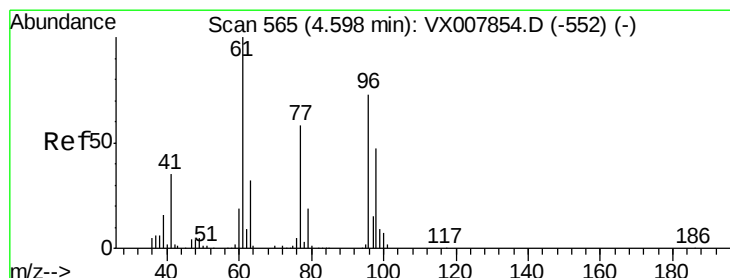
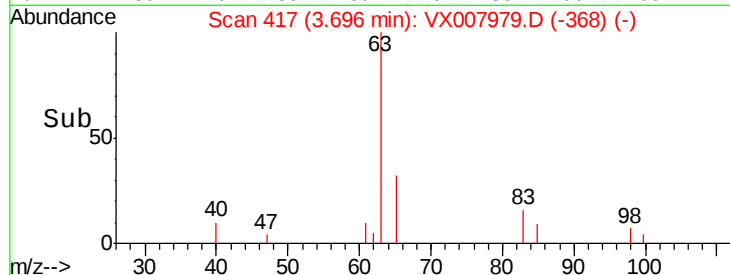
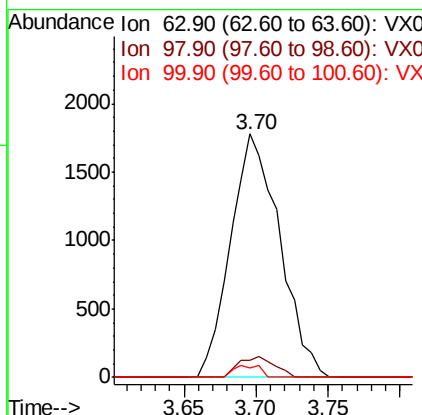
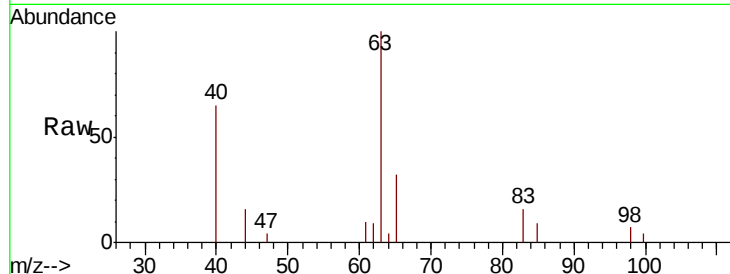
#24
 1,1-Dichloroethane
 Concen: 0.930 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX007979.D
 Acq: 11 Mar 2019 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308

Tgt Ion:	63	Resp:	4211
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.3	9.8
100	3.8	2.3	6.8

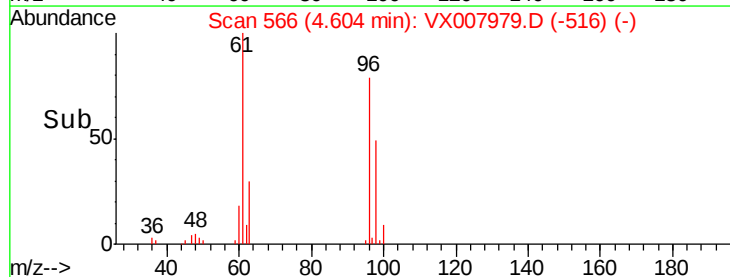
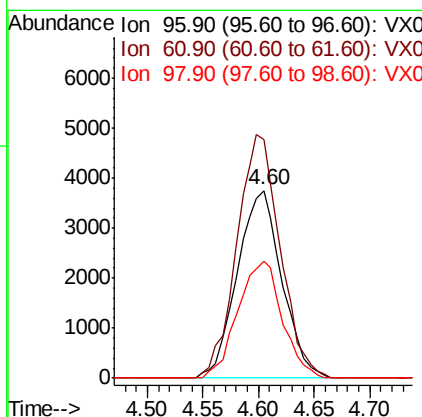
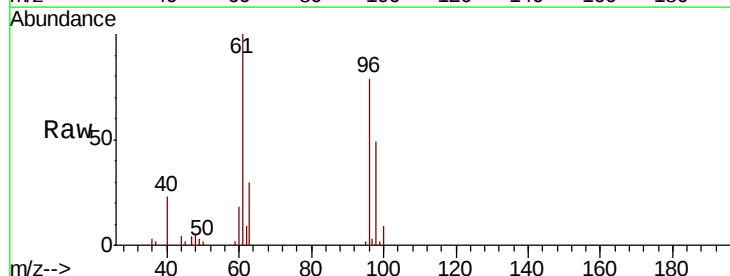
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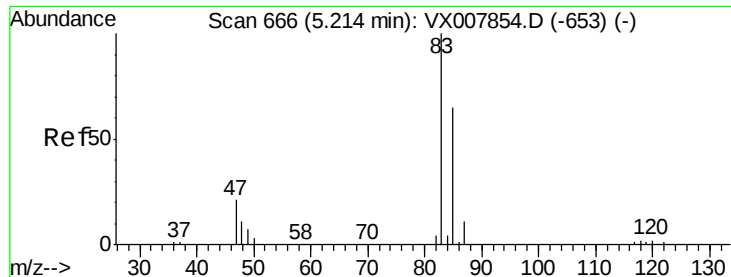
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#27
 cis-1,2-Dichloroethene
 Concen: 3.783 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX007979.D
 Acq: 11 Mar 2019 19:23

Tgt Ion:	96	Resp:	10404
Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	288.0
98	62.3	0.0	129.0





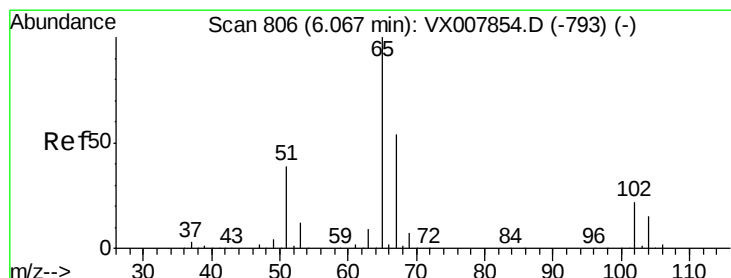
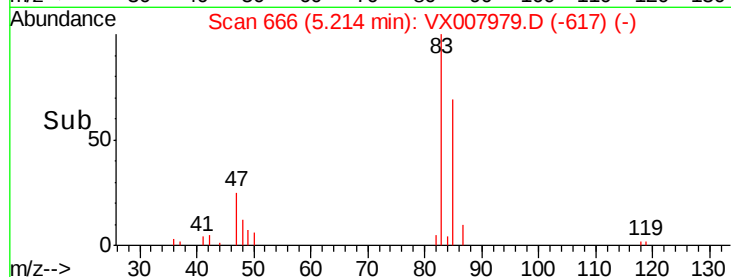
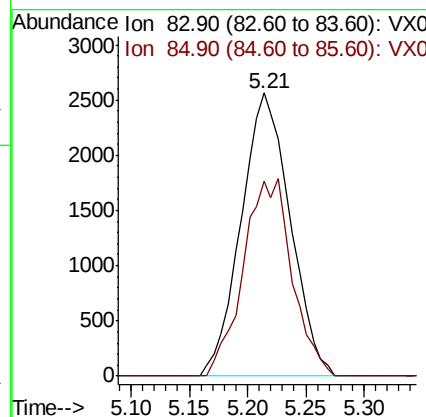
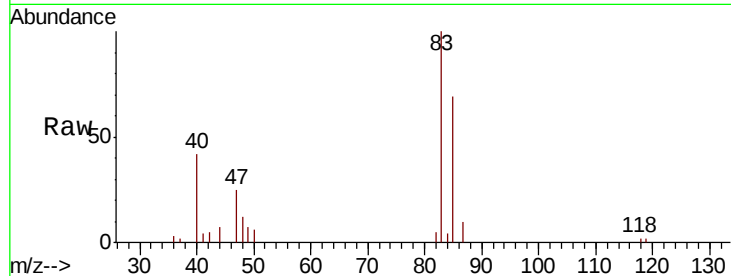
#30
Chloroform
Concen: 1.751 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308

Tgt Ion: 83 Resp: 7500
Ion Ratio Lower Upper
83 100
85 68.7 51.8 77.6

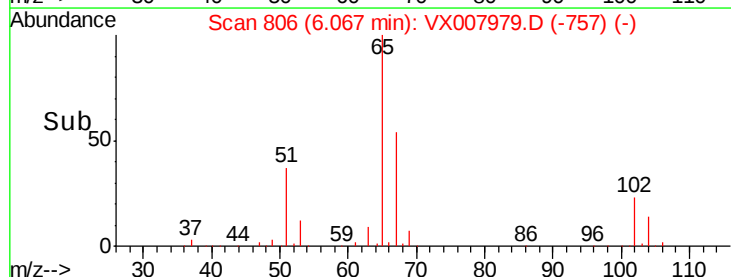
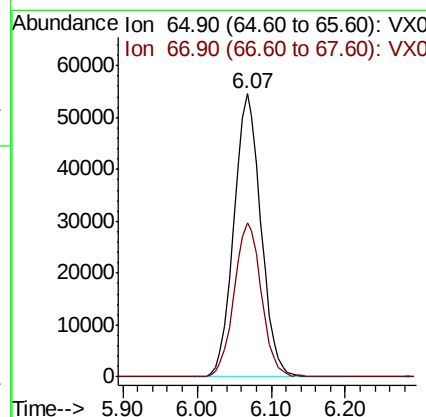
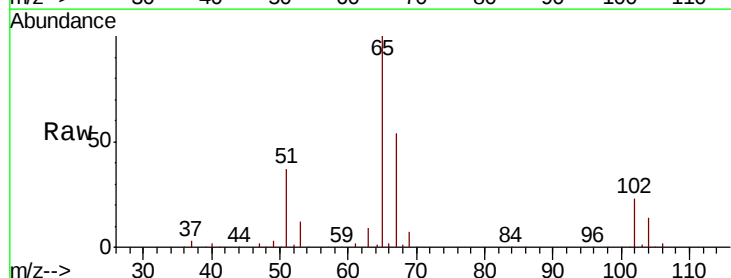
Manual Integrations
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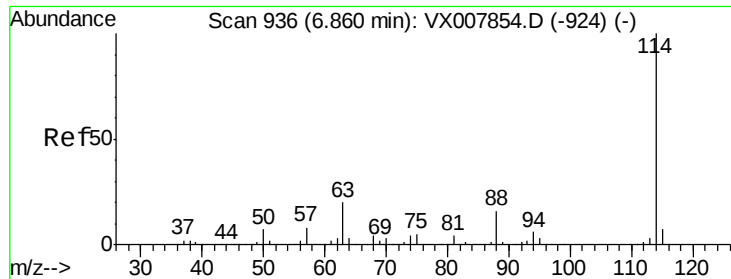
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#33
1,2-Dichloroethane-d4
Concen: 51.356 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

Tgt Ion: 65 Resp: 139082
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.0





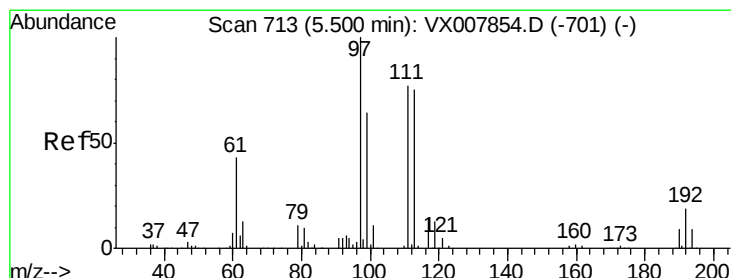
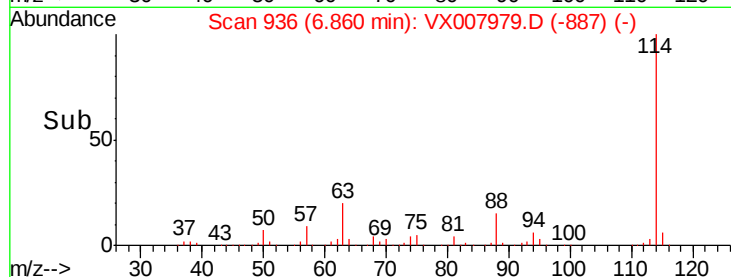
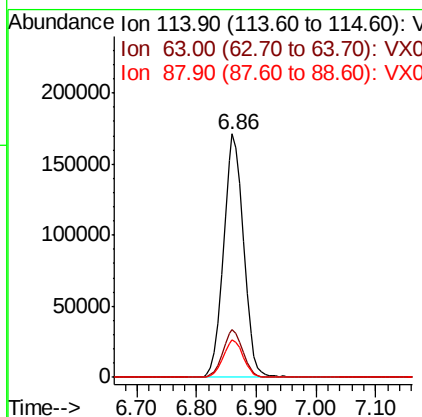
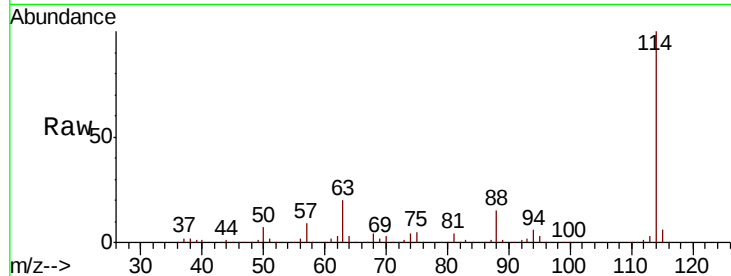
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007979.D
 Acq: 11 Mar 2019 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	400202		
63	19.6		0.0	39.8
88	15.5		0.0	31.4

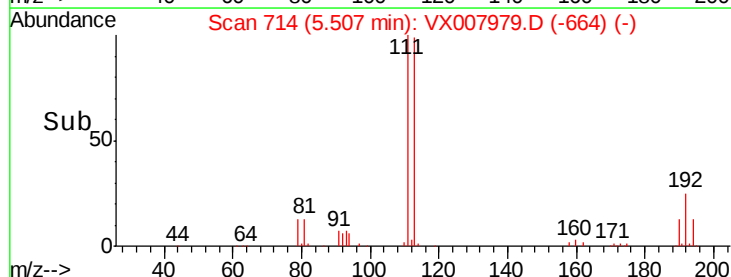
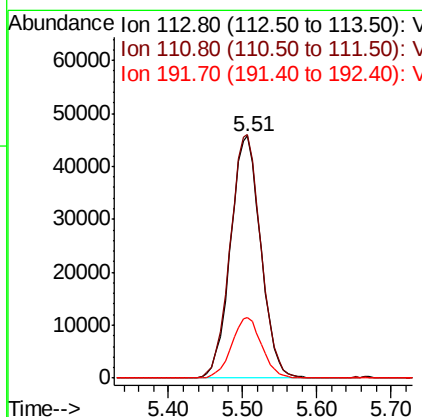
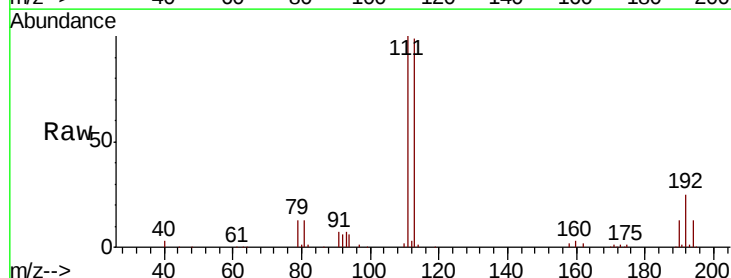
Manual Integrations
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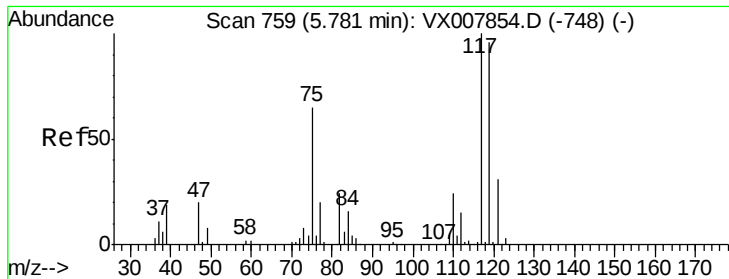
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#35
 Dibromofluoromethane
 Concen: 50.757 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007979.D
 Acq: 11 Mar 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	129937		
111	101.7		81.4	122.0
192	24.8		19.4	29.0





#38

Carbon Tetrachloride

Concen: 1.617 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

Instrument :

MSVOA_X

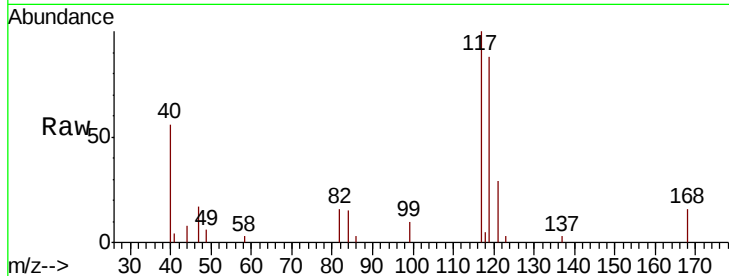
ClientSampleId :

RE122D2-20190308

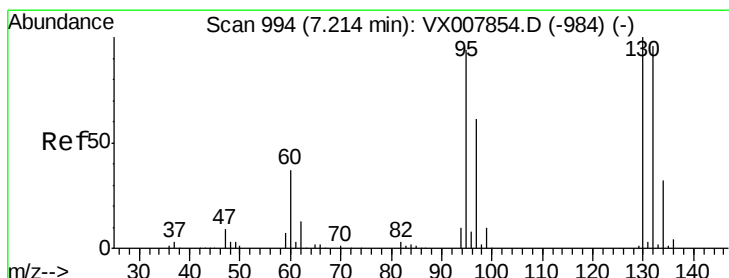
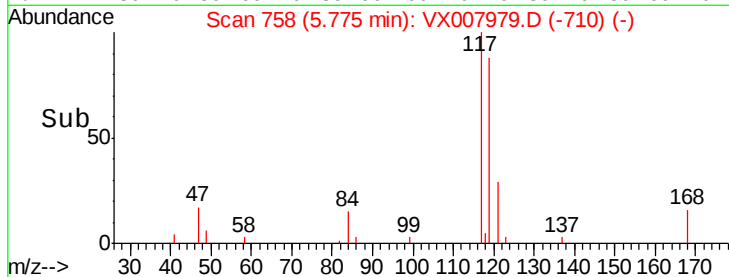
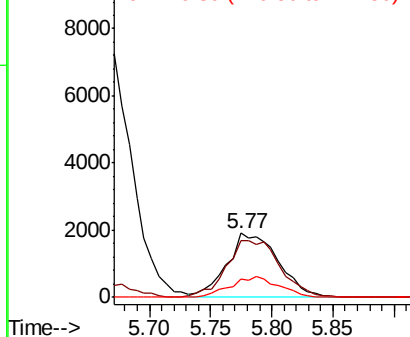
Tgt Ion:	117	Resp:	5563
Ion Ratio	Lower	Upper	
117	100		
119	88.2	76.2	114.2
121	28.7	24.6	36.8

Manual Integrations
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Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 3101.814 ug/l

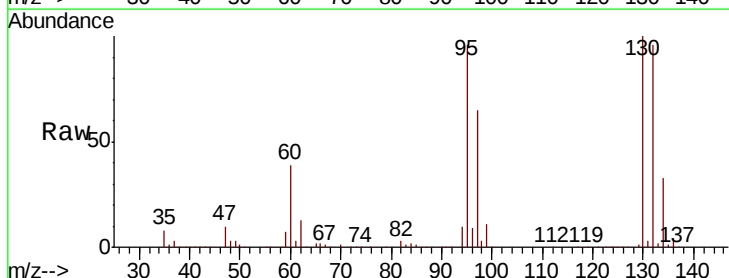
RT: 7.23 min Scan# 996

Delta R.T. 0.01 min

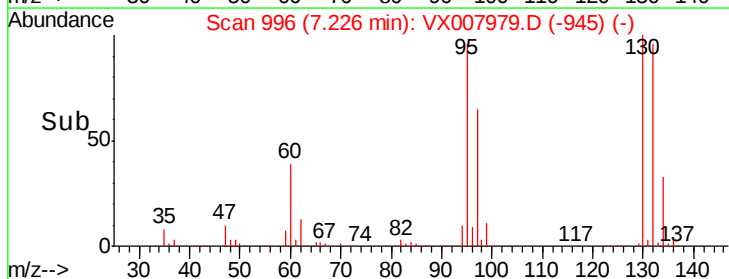
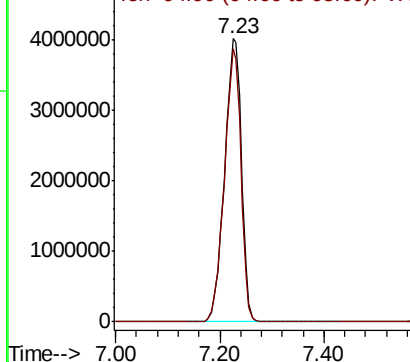
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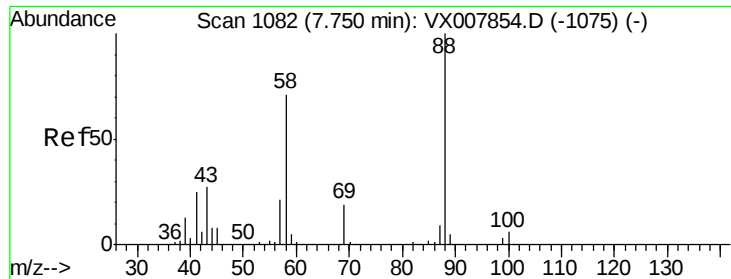
Acq: 11 Mar 2019 19:23

Tgt Ion:	130	Resp:	9221686
Ion Ratio	Lower	Upper	
130	100		
95	96.4	0.0	188.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





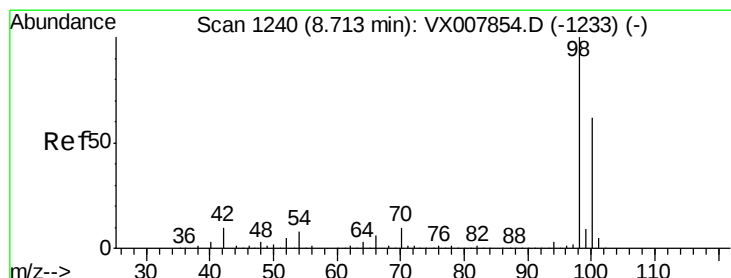
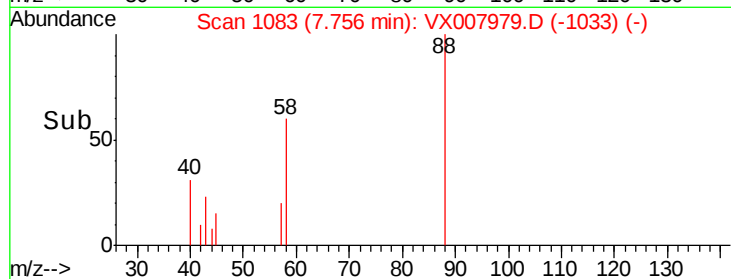
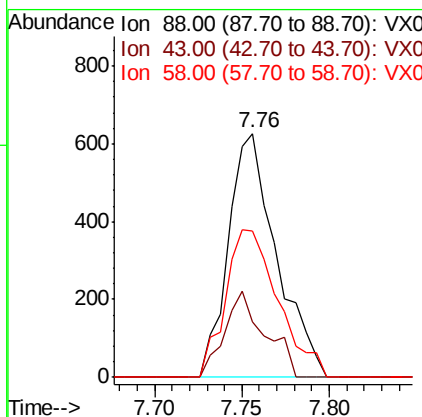
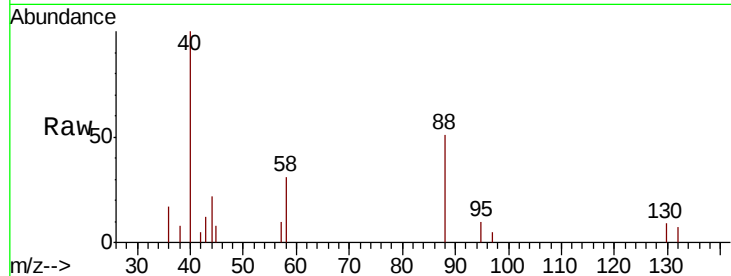
#49
1,4-Dioxane
Concen: 17.487 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308

Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.6	25.1	37.7
58	66.0	57.8	86.6

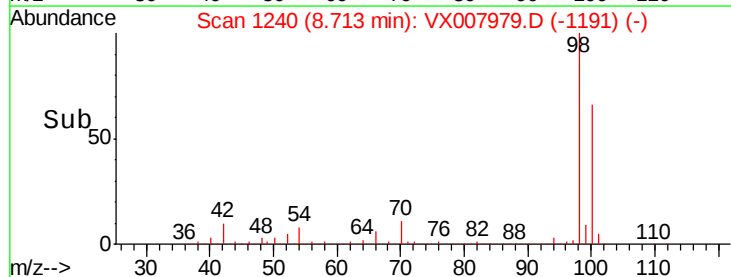
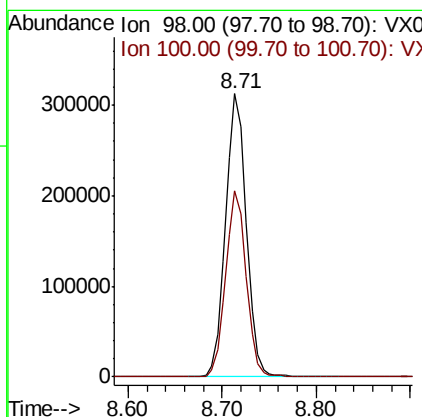
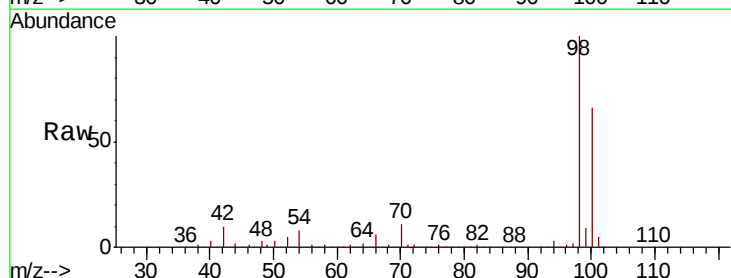
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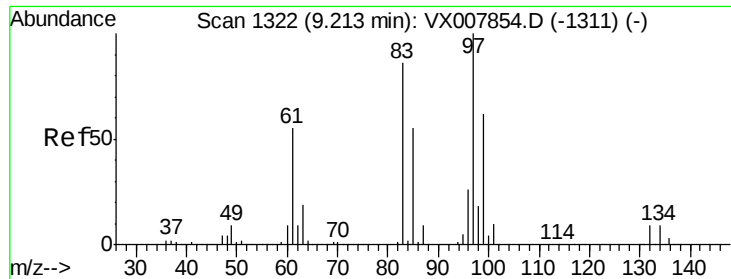
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#50
Toluene-d8
Concen: 51.077 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.7	77.5





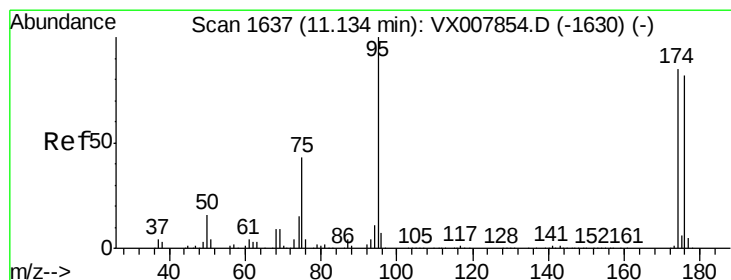
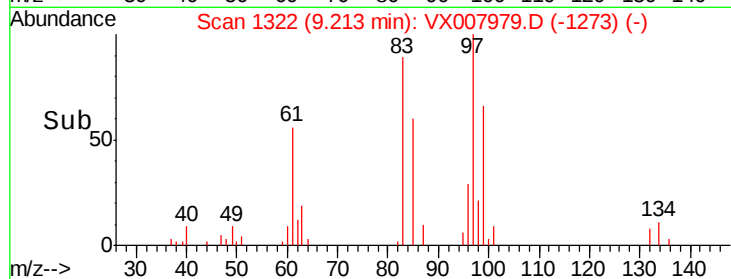
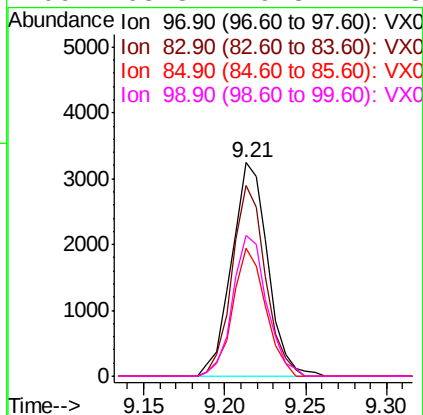
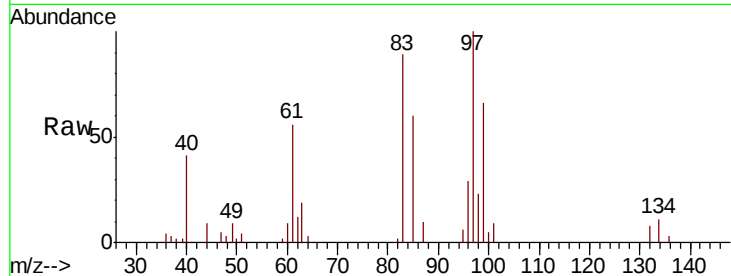
#55
 1,1,2-Trichloroethane
 Concen: 1.893 ug/l m
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007979.D
 Acq: 11 Mar 2019 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308

Tgt Ion:	97	Resp:	5047
Ion	Ratio	Lower	Upper
97	100		
83	89.4	69.1	103.7
85	60.0	44.3	66.5
99	65.8	49.8	74.8

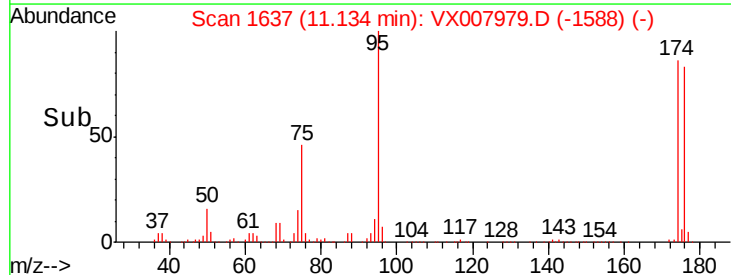
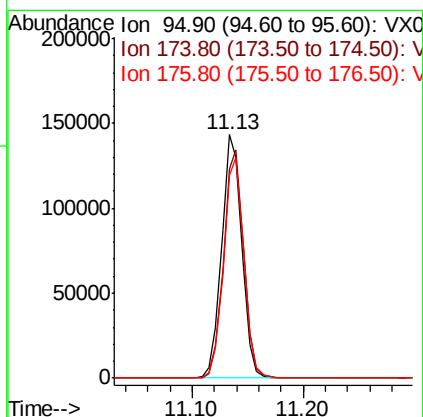
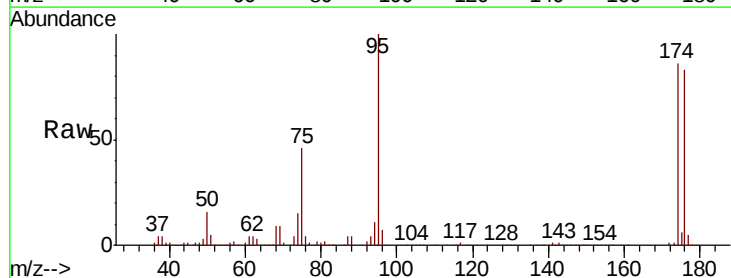
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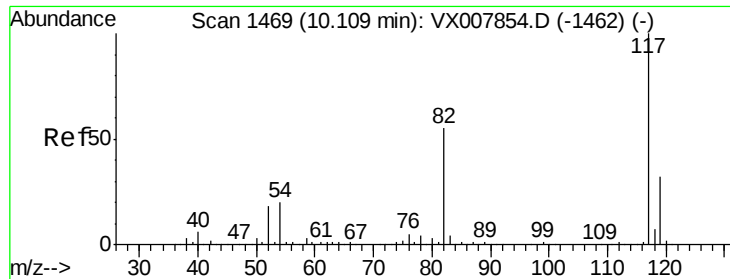
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#62
 4-Bromofluorobenzene
 Concen: 54.413 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX007979.D
 Acq: 11 Mar 2019 19:23

Tgt Ion:	95	Resp:	179357
Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	182.8
176	90.9	0.0	178.0





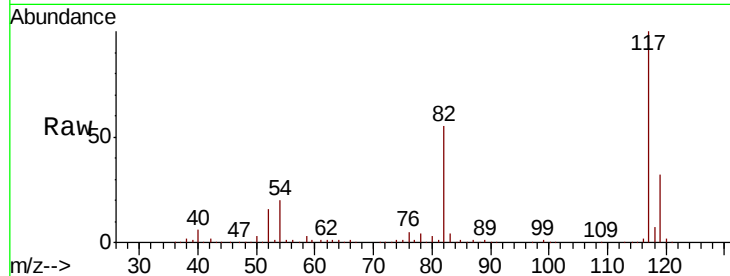
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.3	66.5
119	32.2	25.3	37.9

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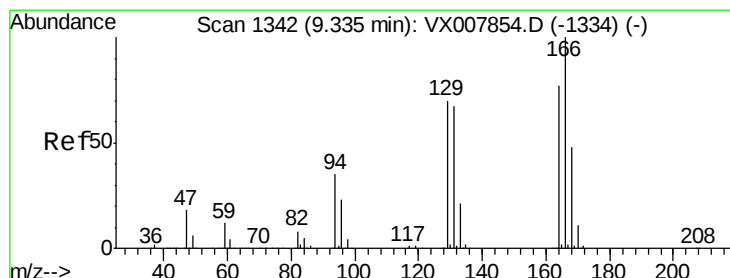
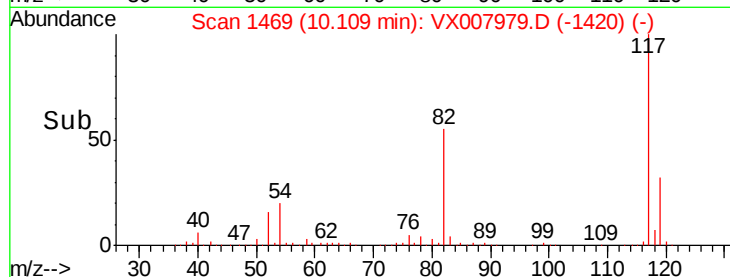
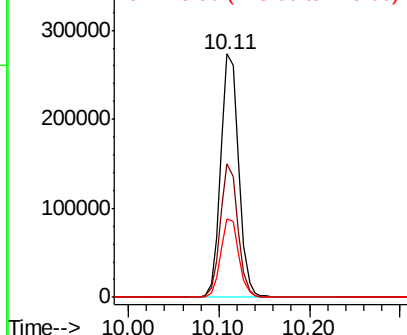


Abundance

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: 2.125 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	103.4	155.0
129	86.9	72.2	108.4
131	88.1	69.4	104.2

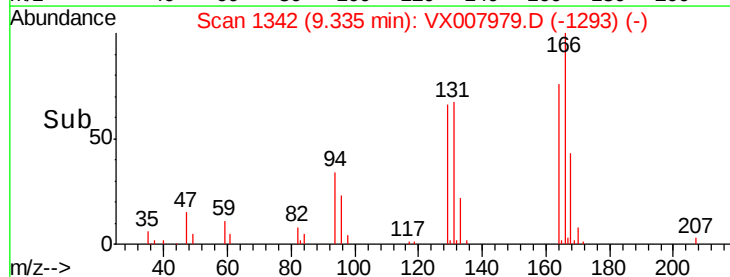
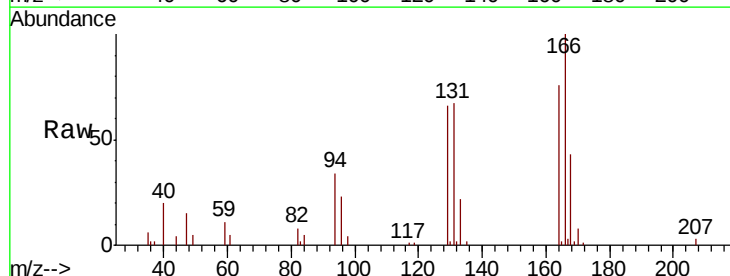
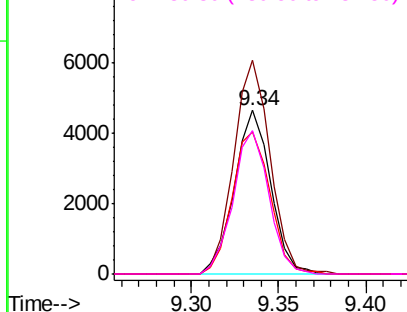
Abundance

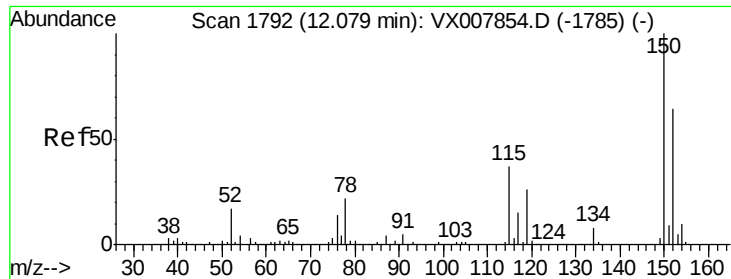
Ion 163.80 (163.50 to 164.50): V

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





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX007979.D
 Acq: 11 Mar 2019 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	188019		
115	54.7	38.6	115.7	
150	155.3	0.0	348.4	

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