

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013908.D
 Acq On : 10 Dec 2019 19:07
 Operator : JC/SP
 Sample : K6196-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-1

Manual Integrations
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Quant Time: Dec 11 06:35:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	577031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	893830	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	795647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	325692	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	5.49	113	269372	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
50) Toluene-d8	8.71	98	1062479	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.14	95	350451	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
Target Compounds						
16) Acetone	2.43	43	5949m	1.799	ug/l	Qvalue
27) cis-1,2-Dichloroethene	4.59	96	3817	0.556	ug/l	86
30) Chloroform	5.20	83	84675	7.959	ug/l	96
44) Trichloroethene	7.21	130	6001	0.885	ug/l	80
47) Bromodichloromethane	7.90	83	5220	0.658	ug/l #	90
64) Tetrachloroethene	9.33	164	169822	28.621	ug/l	98

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

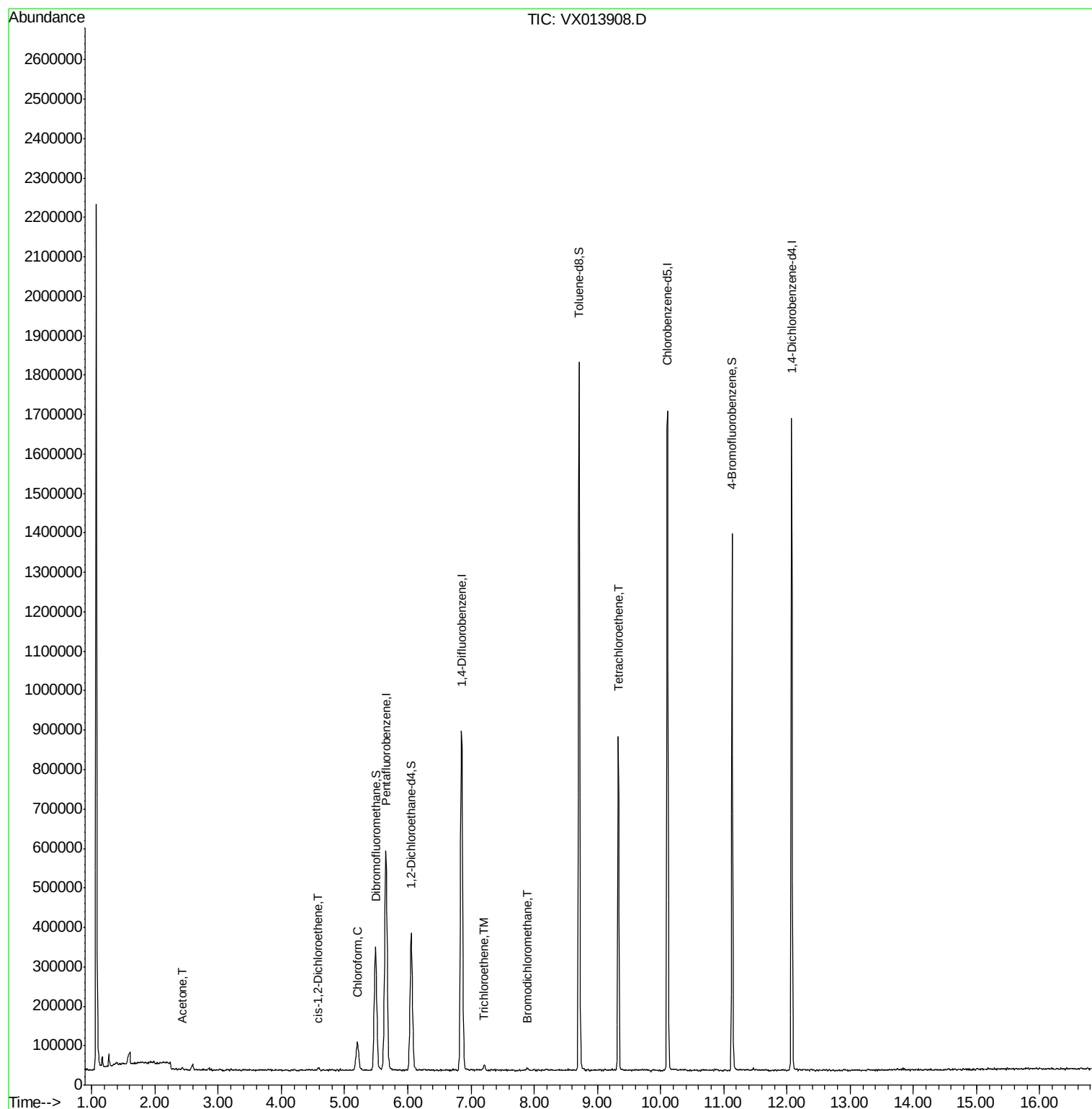
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121019\
Data File : VX013908.D
Acq On : 10 Dec 2019 19:07
Operator : JC/SP
Sample : K6196-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

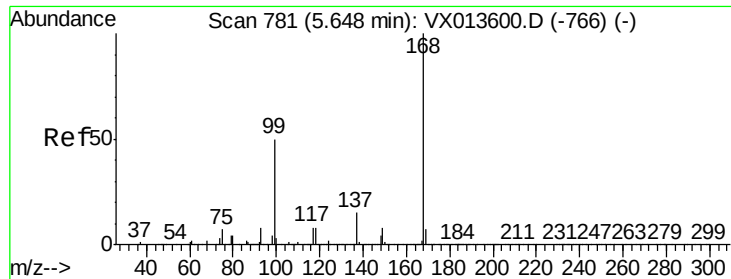
Instrument :
MSVOA_X
ClientSampleId :
TW-1

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Quant Time: Dec 11 06:35:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013908.D

Acq: 10 Dec 2019 19:07

Instrument :

MSVOA_X

ClientSampled :

TW-1

Tot Ion:168 Resp: 577031

Ion Ratio Lower Upper

168 100

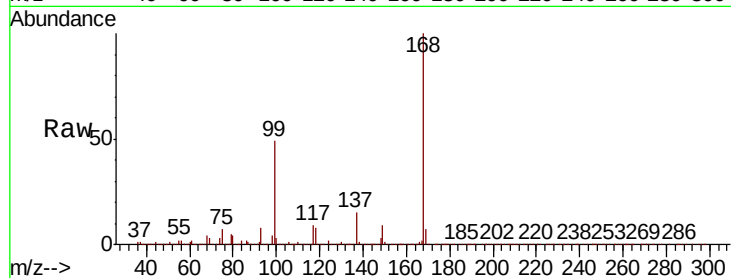
99 48.7 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

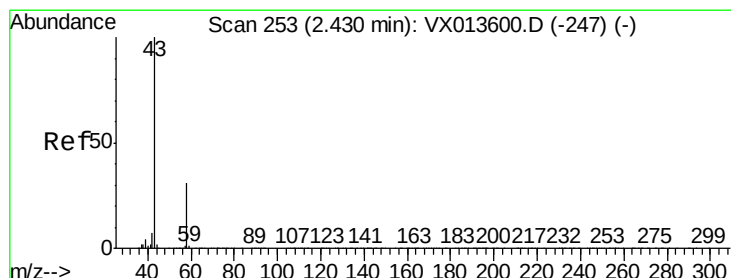
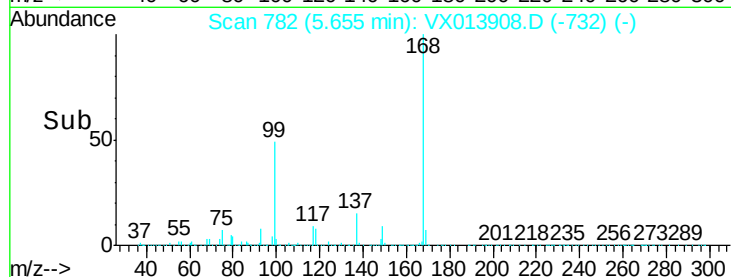
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.799 ug/l m

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013908.D

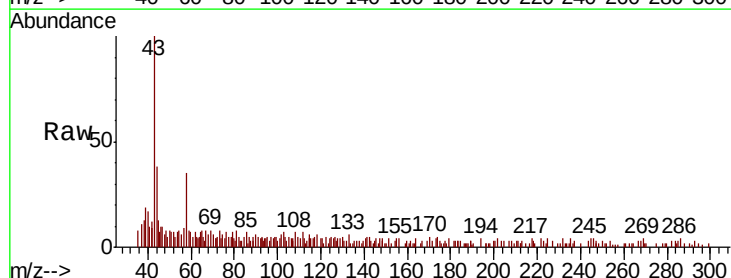
Acq: 10 Dec 2019 19:07

Tgt Ion: 43 Resp: 5949

Ion Ratio Lower Upper

43 100

58 34.6 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

4000

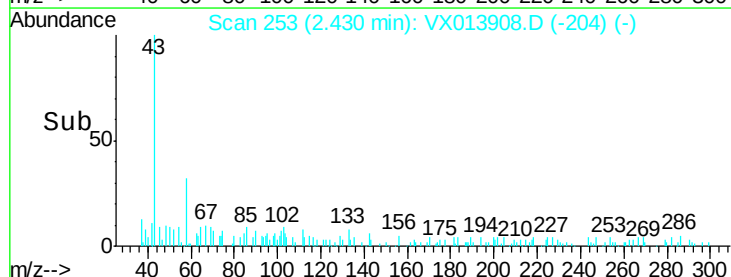
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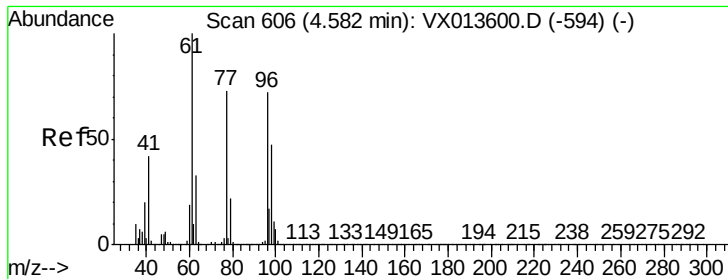
2000

1000

0

Time-->





#27

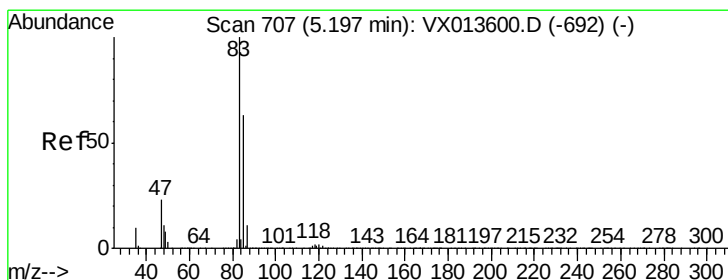
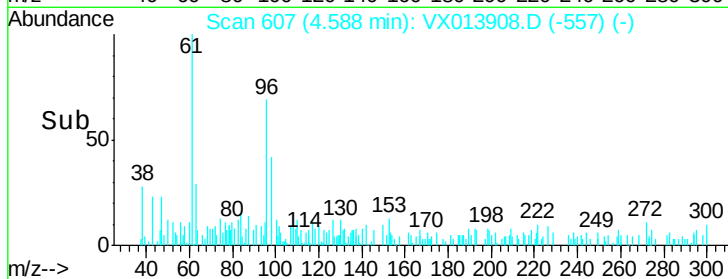
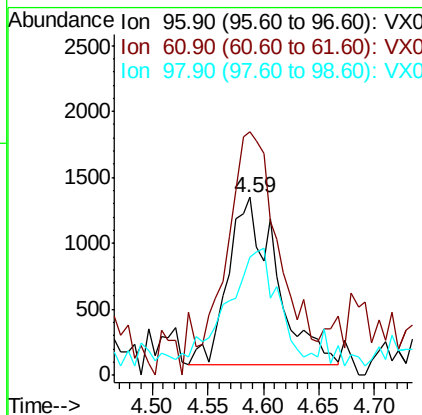
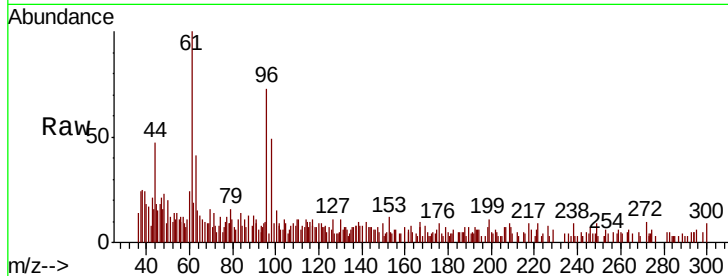
cis-1,2-Dichloroethene
Concen: 0.556 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013908.D
Acq: 10 Dec 2019 19:07

Instrument :
MSVOA_X
ClientSampled :
TW-1

Tot Ion	Ratio	Lower	Upper
96	100		
61	166.2	0.0	286.4
98	67.7	0.0	127.4

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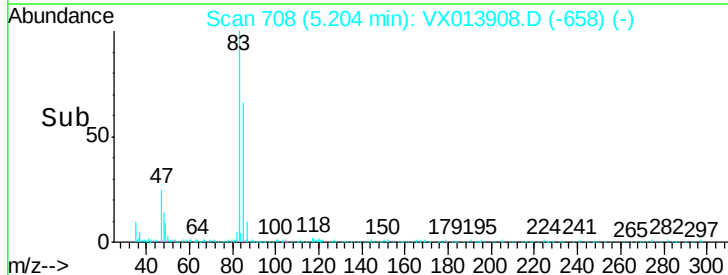
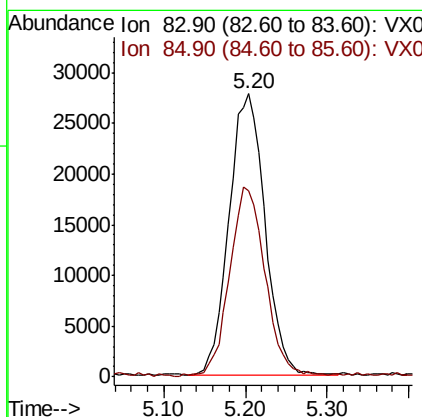
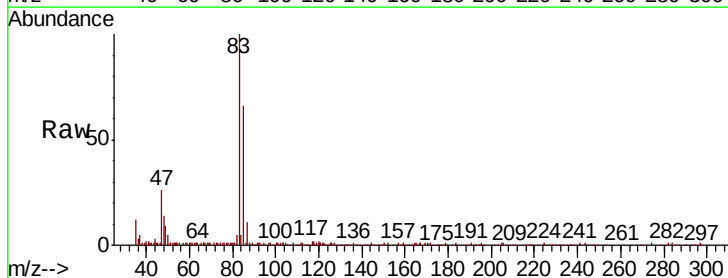
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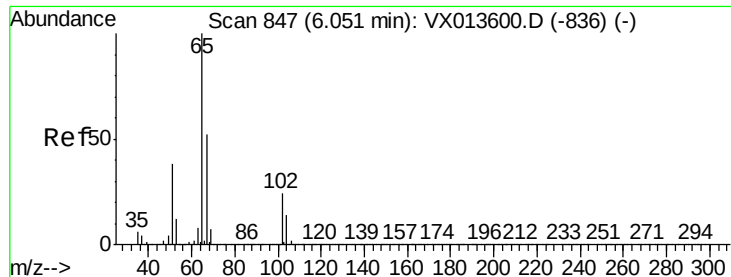


#30

Chloroform
Concen: 7.959 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013908.D
Acq: 10 Dec 2019 19:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.2	75.4





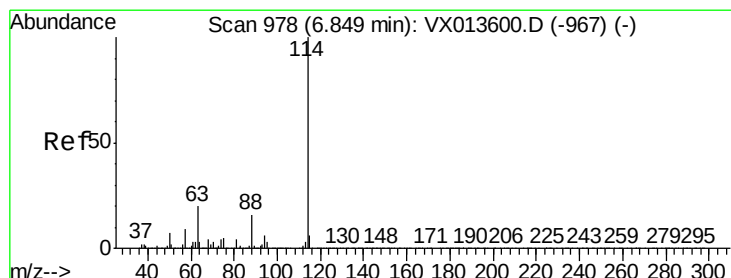
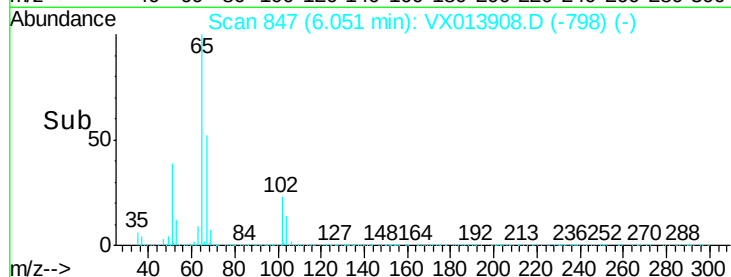
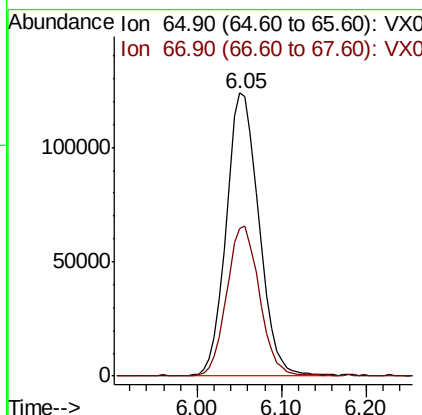
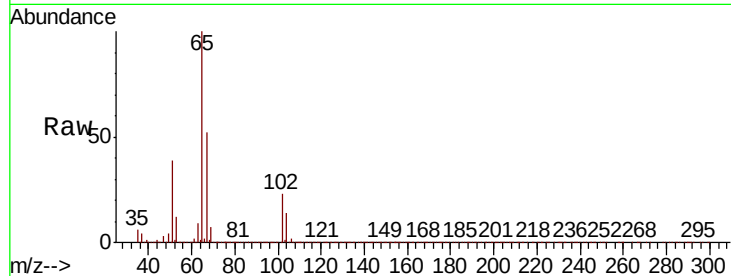
#33
 1,2-Dichloroethane-d4
 Concen: 48.625 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013908.D
 Acq: 10 Dec 2019 19:07

Instrument :
 MSVOA_X
 ClientSampled :
 TW-1

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.9	0.0	104.4	

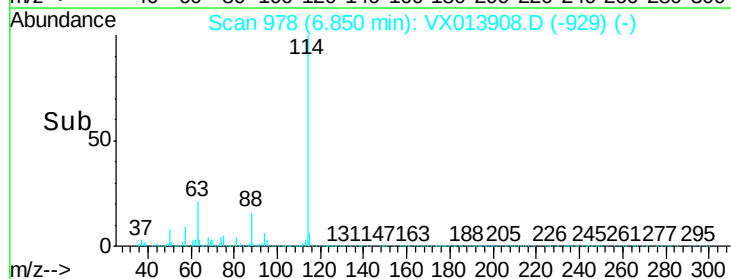
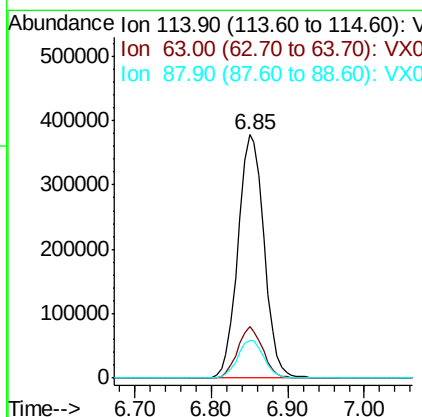
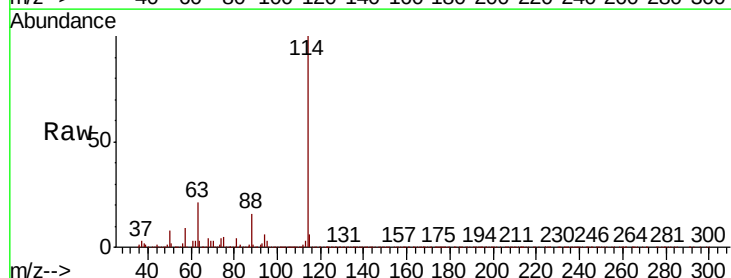
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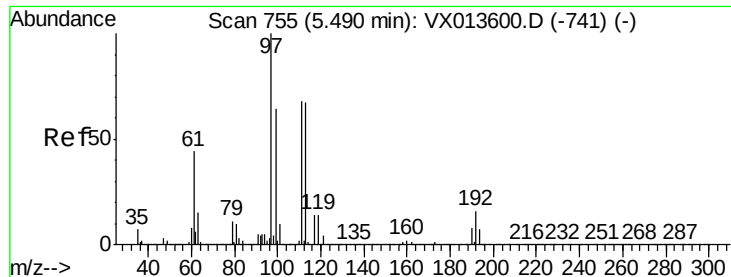
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013908.D
 Acq: 10 Dec 2019 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.0	0.0	39.6	
88	15.5	0.0	31.4	





#35

Dibromofluoromethane

Concen: 48.748 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013908.D

Acq: 10 Dec 2019 19:07

Instrument :

MSVOA_X

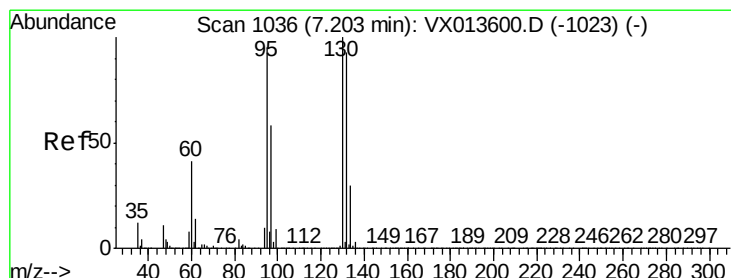
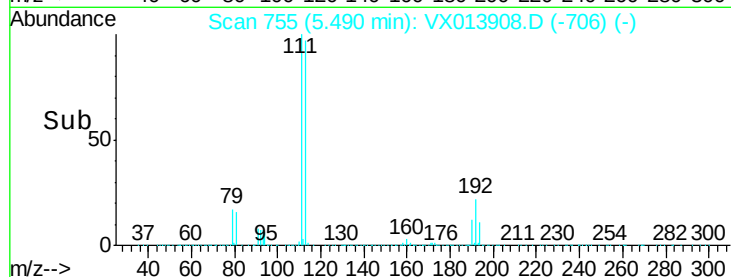
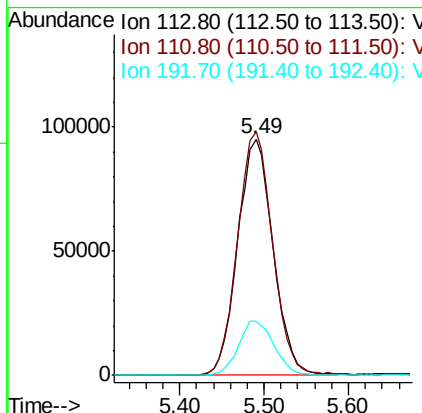
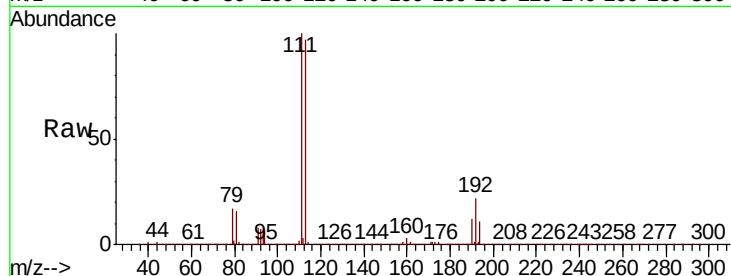
ClientSampled :

TW-1

Tot Ion:	113	Resp:	269372
Ion Ratio	Lower	Upper	
113	100		
111	103.2	83.6	125.4
192	23.2	19.2	28.8

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#44

Trichloroethene

Concen: 0.885 ug/l

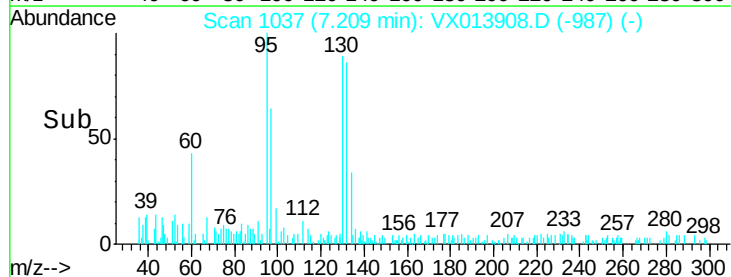
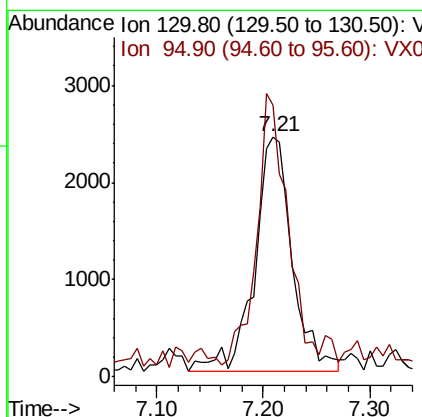
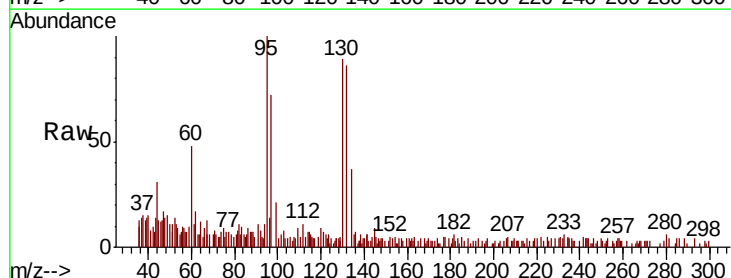
RT: 7.21 min Scan# 1037

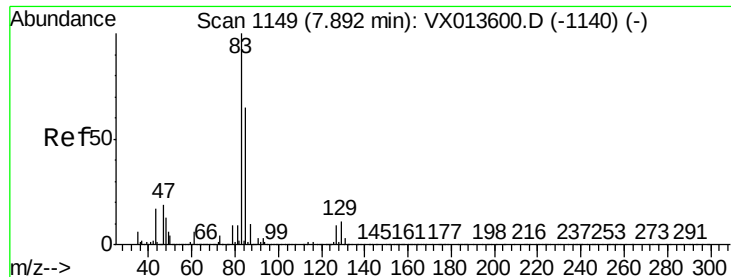
Delta R.T. 0.01 min

Lab File: VX013908.D

Acq: 10 Dec 2019 19:07

Tgt Ion:	130	Resp:	6001
Ion Ratio	Lower	Upper	
130	100		
95	115.1	0.0	190.8





#47

Bromodichloromethane

Concen: 0.658 ug/l

RT: 7.90 min Scan# 1150

Delta R.T. 0.01 min

Lab File: VX013908.D

Acq: 10 Dec 2019 19:07

Instrument :

MSVOA_X

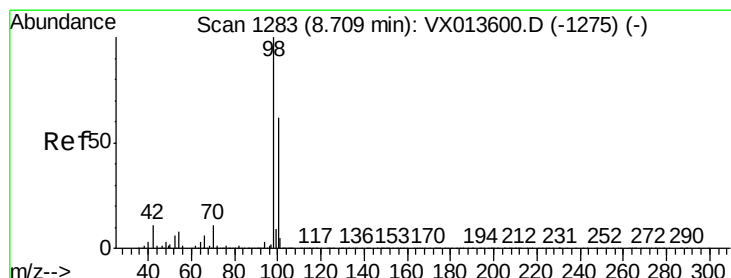
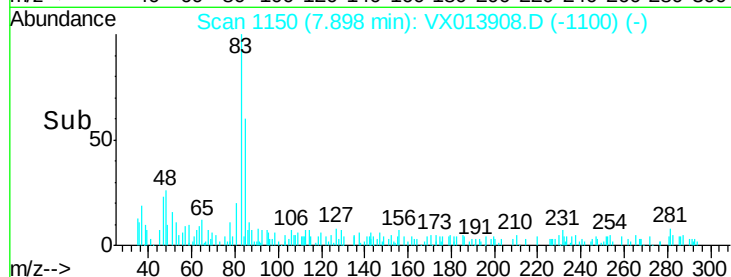
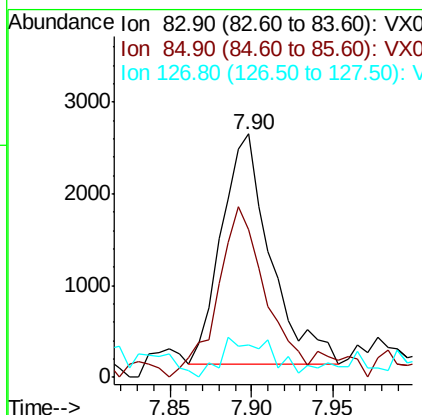
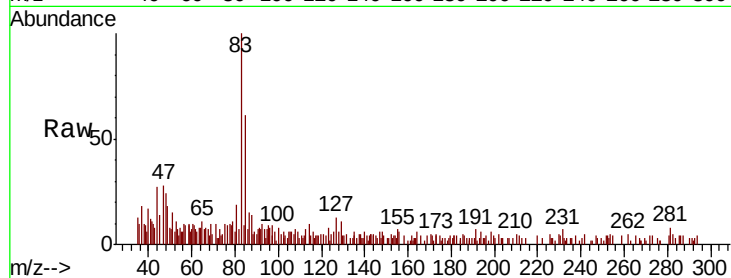
ClientSampled :

TW-1

Tot Ion:	83	Resp:	5220
Ion Ratio	Lower	Upper	
83	100		
85	57.0	52.1	78.1
127	11.2	7.0	10.4

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#50

Toluene-d8

Concen: 49.351 ug/l

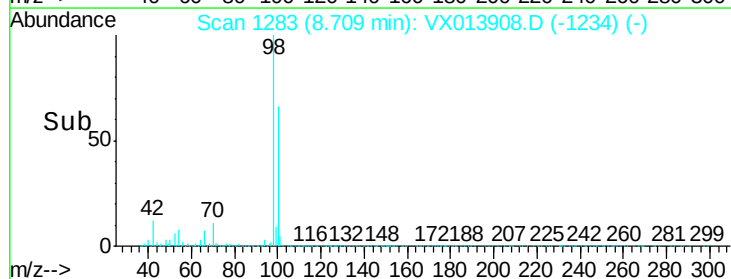
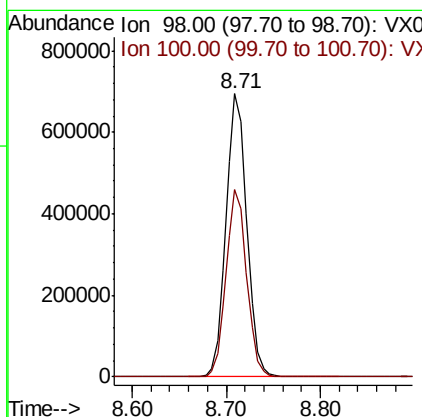
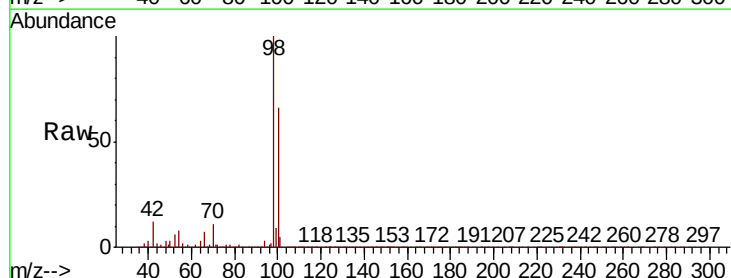
RT: 8.71 min Scan# 1283

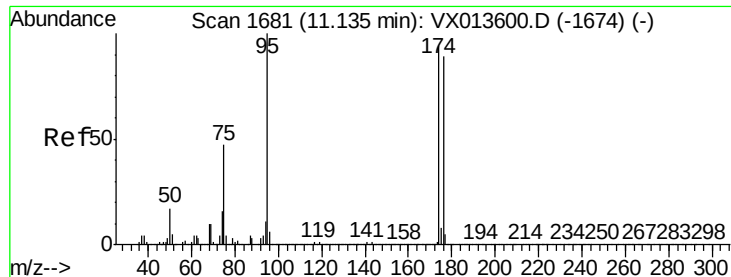
Delta R.T. 0.00 min

Lab File: VX013908.D

Acq: 10 Dec 2019 19:07

Tgt Ion:	98	Resp:	1062479
Ion Ratio	Lower	Upper	
98	100		
100	65.6	53.1	79.7





#62

4-Bromofluorobenzene

Concen: 45.141 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013908.D

Acq: 10 Dec 2019 19:07

Instrument :

MSVOA_X

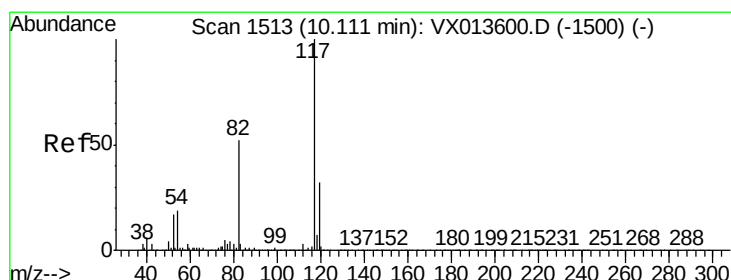
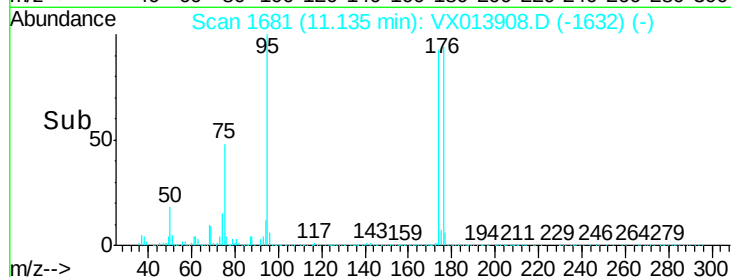
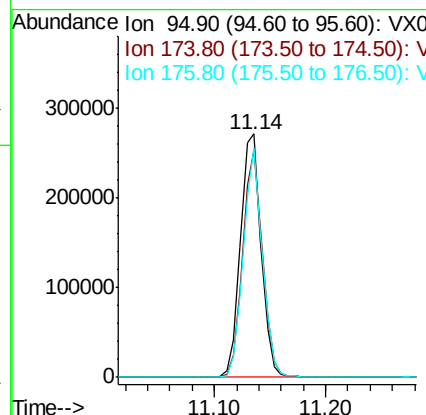
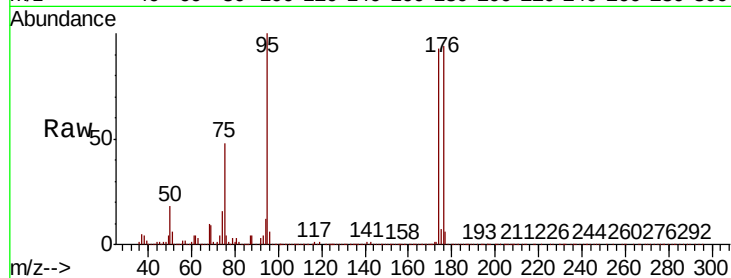
ClientSampled :

TW-1

Tot Ion:	95	Resp:	350451
Ion Ratio	Lower	Upper	
95	100		
174	89.1	0.0	180.0
176	86.6	0.0	173.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

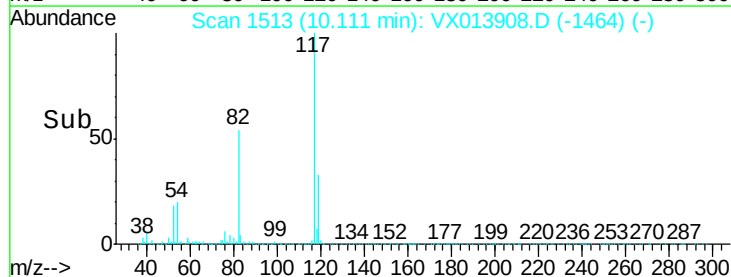
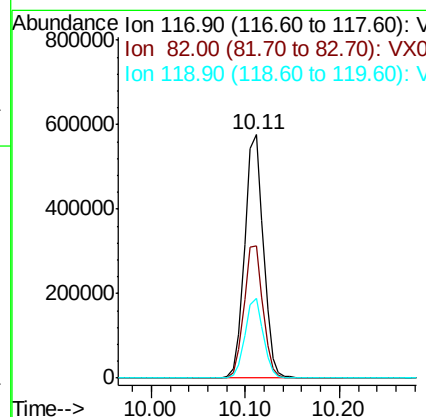
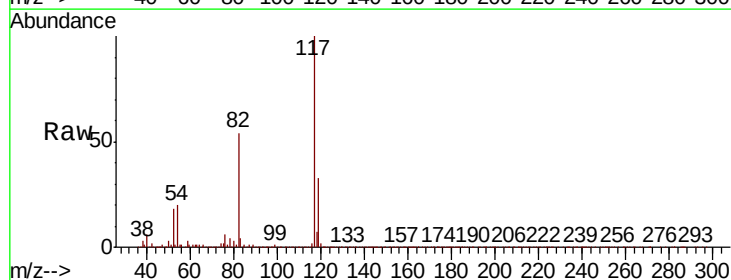
RT: 10.11 min Scan# 1513

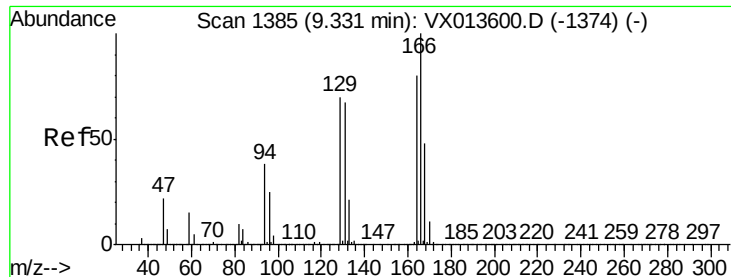
Delta R.T. 0.00 min

Lab File: VX013908.D

Acq: 10 Dec 2019 19:07

Tgt Ion:	117	Resp:	795647
Ion Ratio	Lower	Upper	
117	100		
82	54.3	41.8	62.8
119	32.7	25.8	38.8





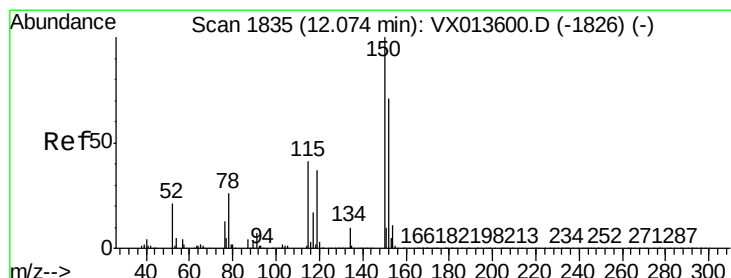
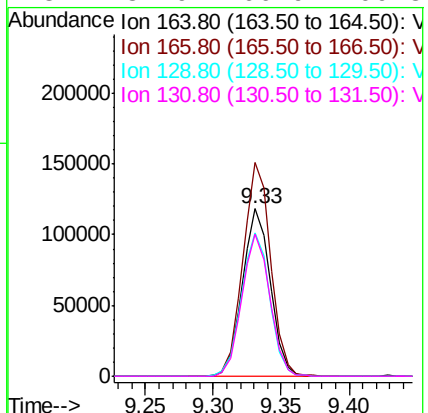
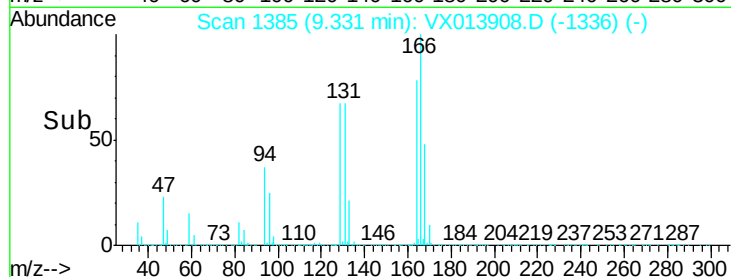
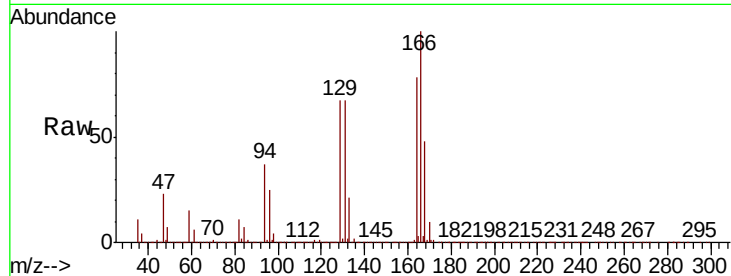
#64
Tetrachloroethene
Concen: 28.621 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013908.D
Acq: 10 Dec 2019 19:07

Instrument :
MSVOA_X
ClientSampled :
TW-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	127.5	99.7	149.5	
129	85.8	70.1	105.1	
131	84.9	66.9	100.3	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013908.D
Acq: 10 Dec 2019 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
115	56.3	38.4	115.1	
150	157.7	0.0	346.8	

