

Data File : VV006590.D
Acq On : 12 Jul 2018 17:11
Operator : SY/MD
Sample : J3919-16
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Quant Time: Jul 13 02:22:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 13 01:47:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	308178	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	278708	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121392	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65594	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.58	69	64668	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.13	63	97751	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	3.95	46	208761	49.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.10%
24) Chloroform-d	4.41	84	152749	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.09	65	73971	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	308637	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	101568	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	263410	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.67	79	30314	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.14	63	192200	54.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	77108	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	109484	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

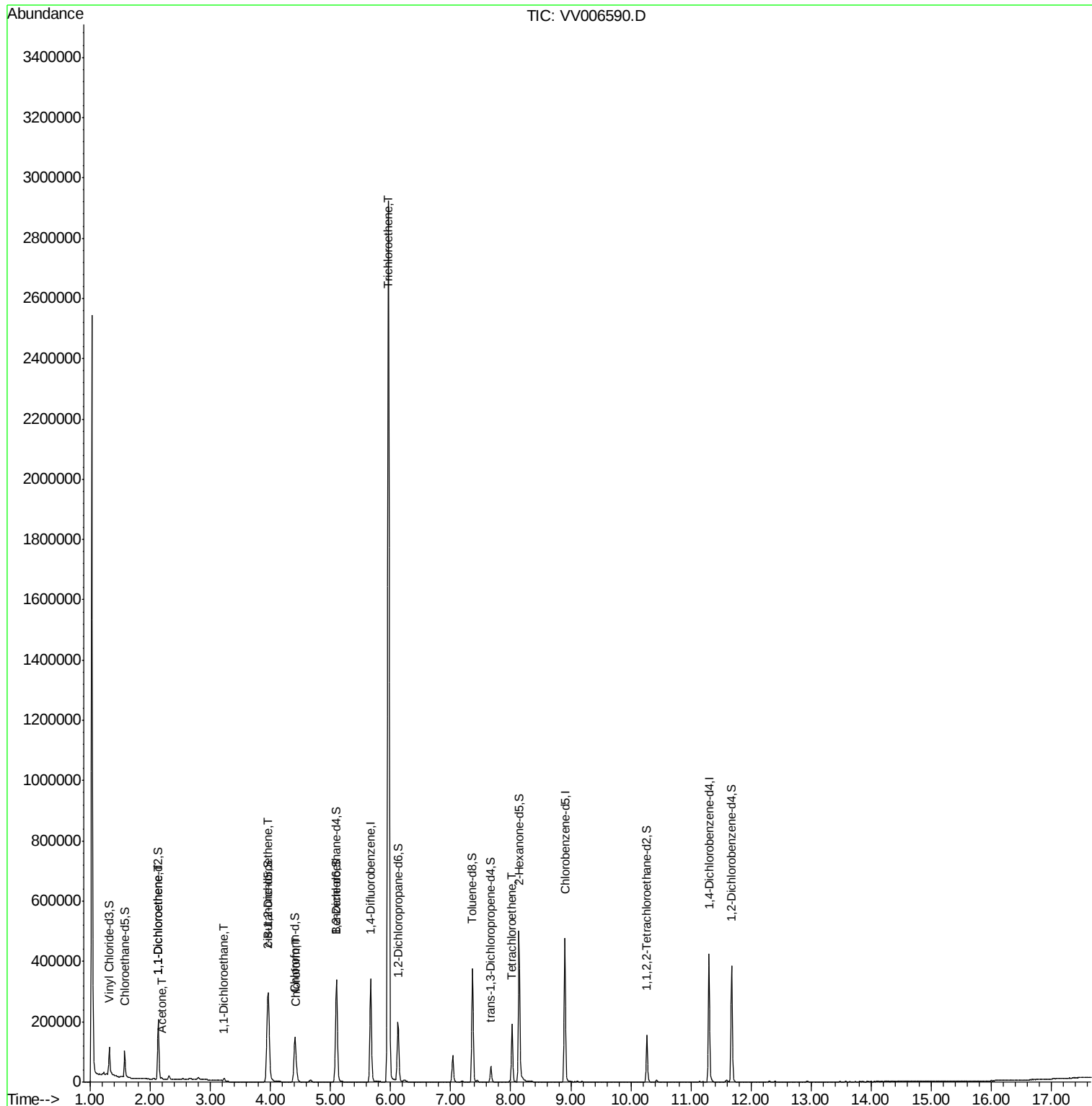
					Qvalue
12) 1,1-Dichloroethene	2.14	96	11086	0.575 ug/L	# 1
13) Acetone	2.19	43	3338	1.240 ug/L	96
19) 1,1-Dichloroethane	3.23	63	10150	0.278 ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	126370	5.588 ug/L	96
25) Chloroform	4.43	83	22625	0.623 ug/L	99
34) Trichloroethene	5.96	95	1029327	48.243 ug/L	98
47) Tetrachloroethene	8.02	164	46066	2.626 ug/L	98

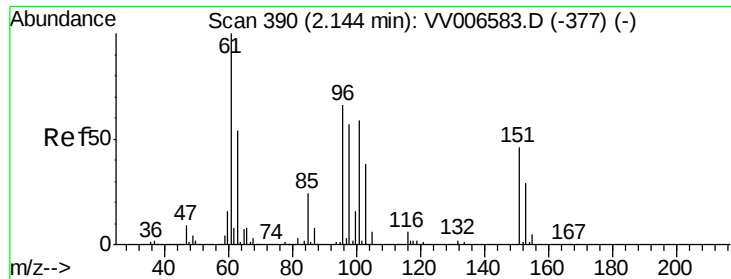
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.575 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006590.D

Acq: 12 Jul 2018 17:11

Instrument :

MSVOA_V

ClientSampled :

C0AF2

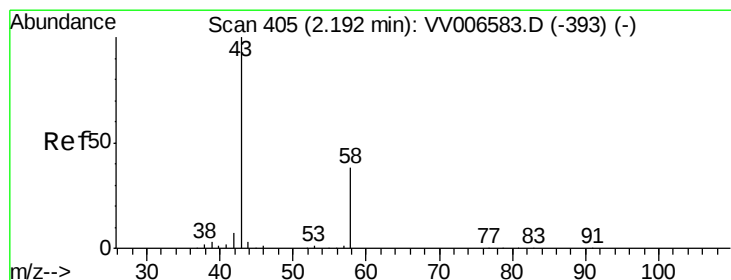
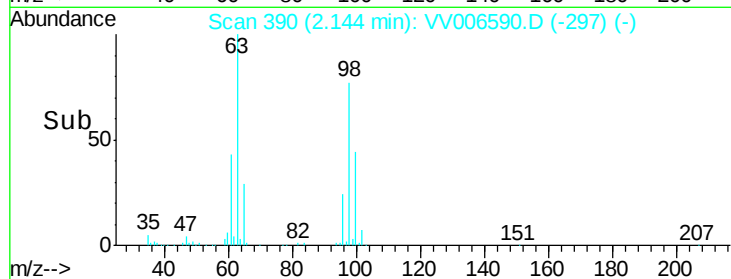
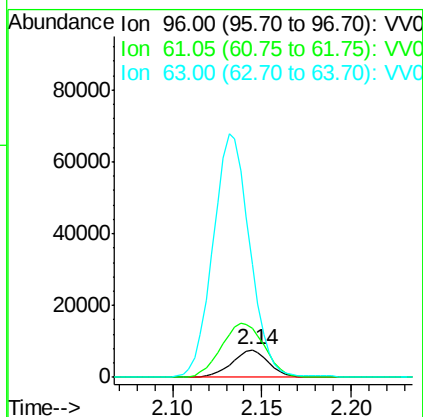
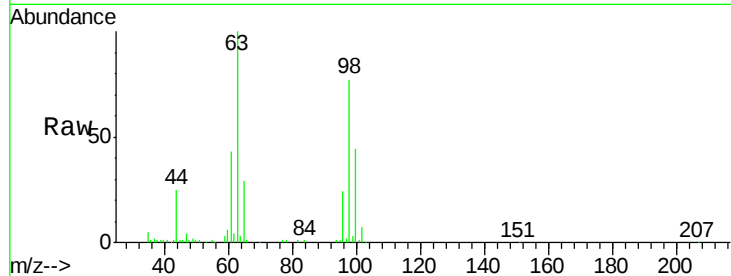
Tgt Ion: 96 Resp: 11086

Ion Ratio Lower Upper

96 100

61 177.7 110.7 205.7

63 414.6 79.0 146.8#



#13

Acetone

Concen: 1.240 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006590.D

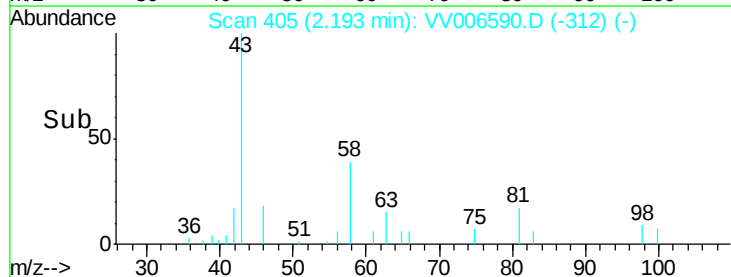
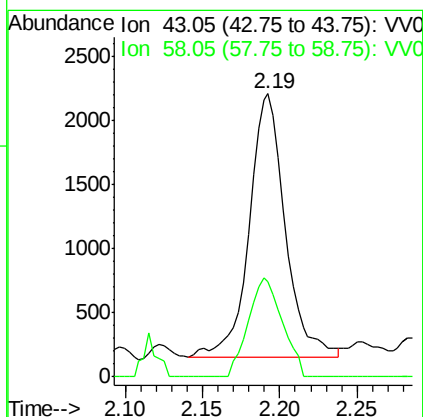
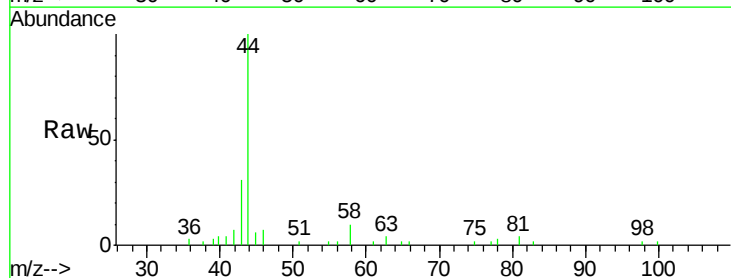
Acq: 12 Jul 2018 17:11

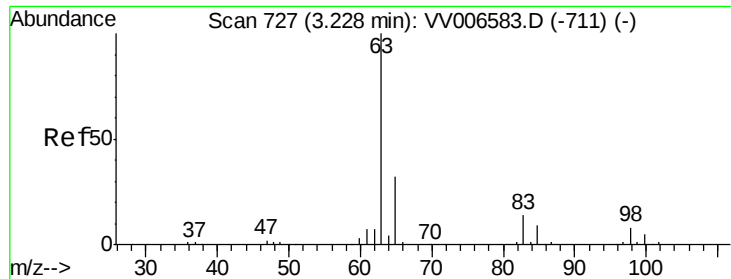
Tgt Ion: 43 Resp: 3338

Ion Ratio Lower Upper

43 100

58 35.5 0.0 76.2

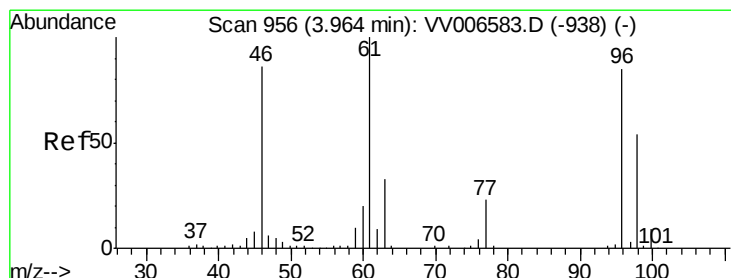
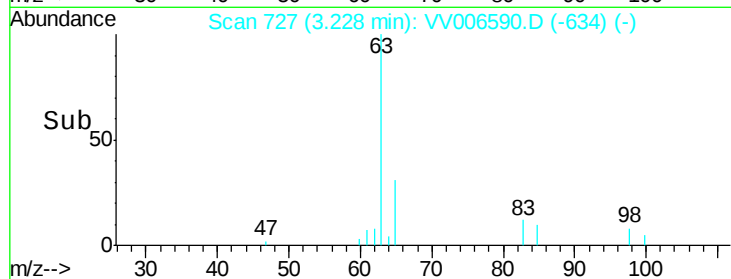
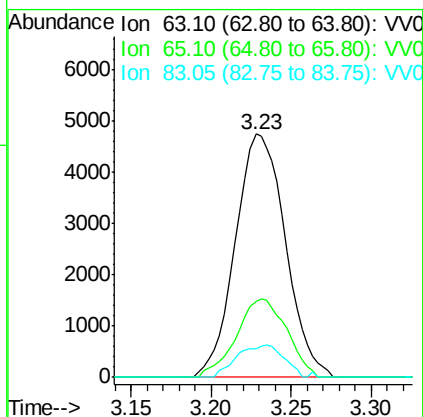
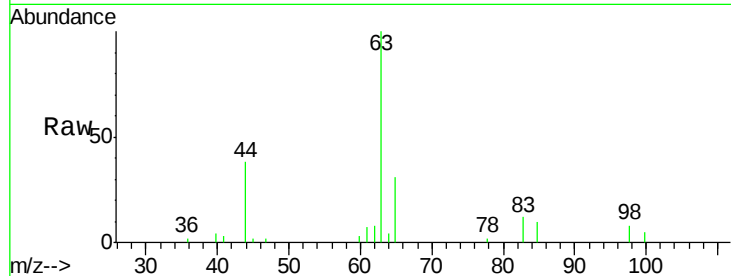




#19
 1,1-Dichloroethane
 Concen: 0.278 ug/L
 RT: 3.23 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VV006590.D
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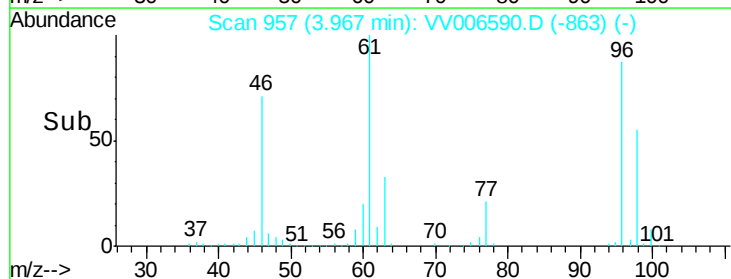
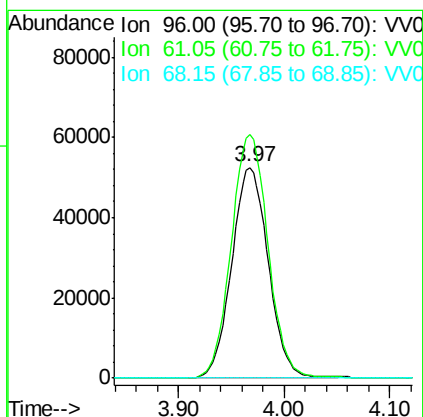
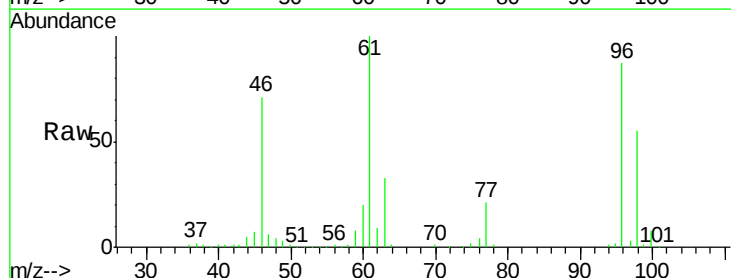
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF2

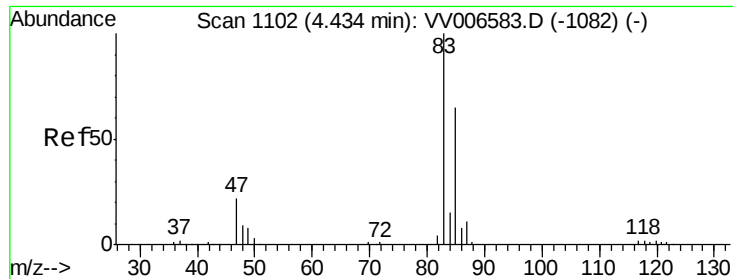
Tgt Ion: 63 Resp: 10150
 Ion Ratio Lower Upper
 63 100
 65 31.0 22.0 41.0
 83 11.9 9.5 17.7



#22
 cis-1,2-Dichloroethene
 Concen: 5.588 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV006590.D
 Acq: 12 Jul 2018 17:11

Tgt Ion: 96 Resp: 126370
 Ion Ratio Lower Upper
 96 100
 61 115.5 83.8 155.6
 68 0.0 0.0 0.0

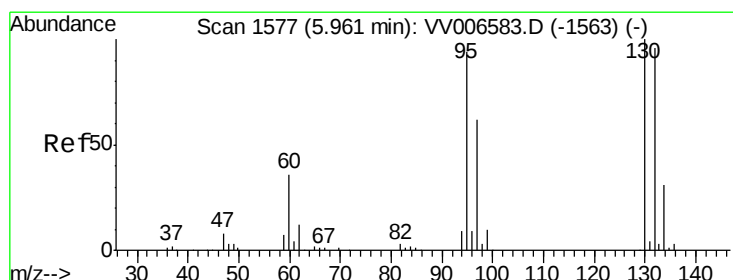
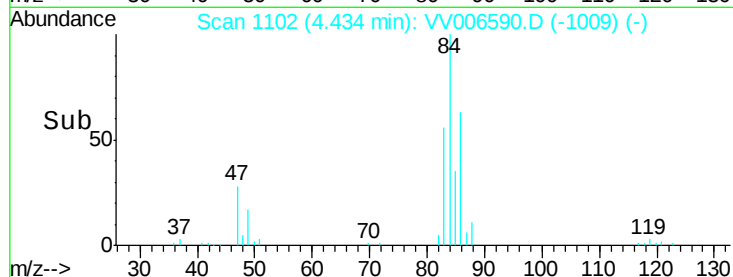
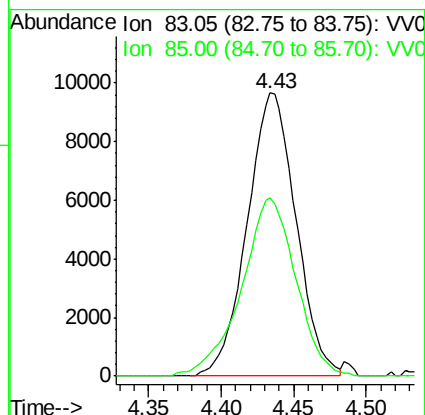
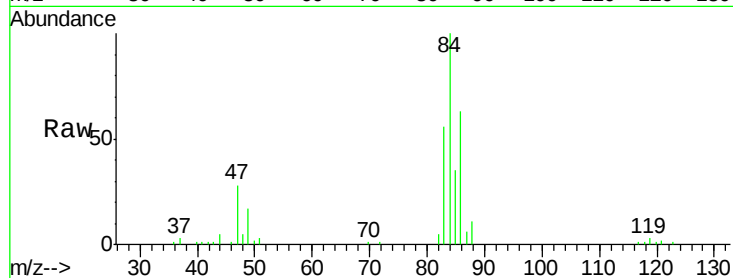




#25
Chloroform
Concen: 0.623 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV006590.D
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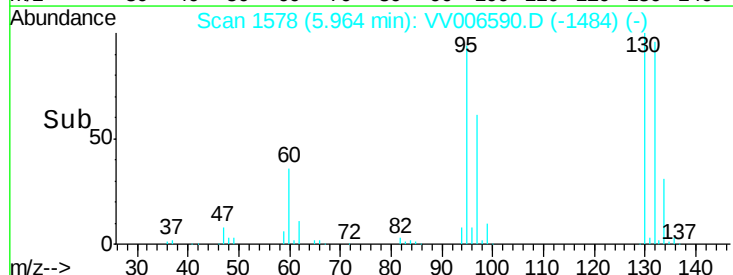
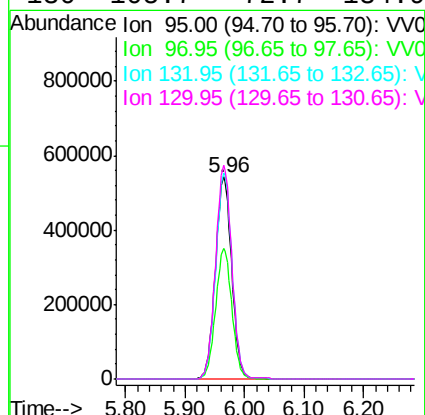
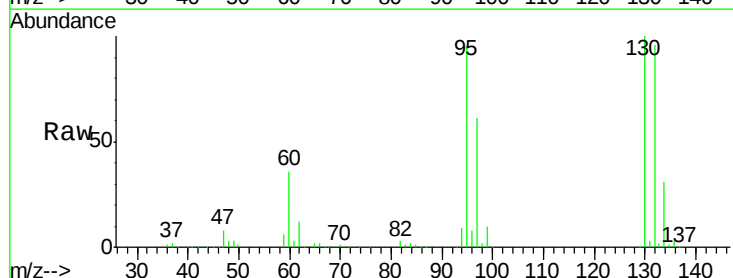
Instrument :
MSVOA_V
ClientSampled :
C0AF2

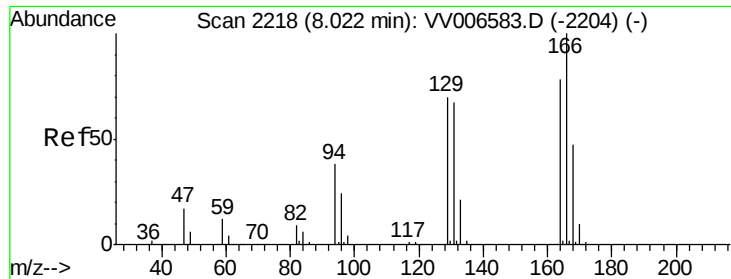
Tgt Ion: 83 Resp: 22625
Ion Ratio Lower Upper
83 100
85 63.2 44.8 83.2



#34
Trichloroethene
Concen: 48.243 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006590.D
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Tgt Ion: 95 Resp: 1029327
Ion Ratio Lower Upper
95 100
97 64.7 44.3 82.3
132 101.8 70.0 130.0
130 105.7 72.7 134.9

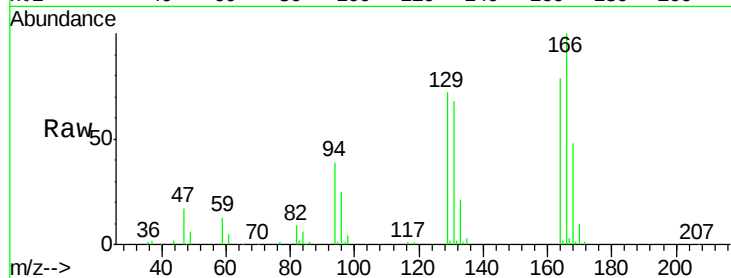




#47
 Tetrachloroethene
 Concen: 2.626 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV006590.D
 Acq: 12 Jul 2018 17:11

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF2

Tgt Ion:	164	Resp:	46066
Ion	Ratio	Lower	Upper
164	100		
129	90.5	62.1	115.3
131	85.6	60.8	113.0
166	126.2	87.1	161.7



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

