

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071218\
 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 01:48:06 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

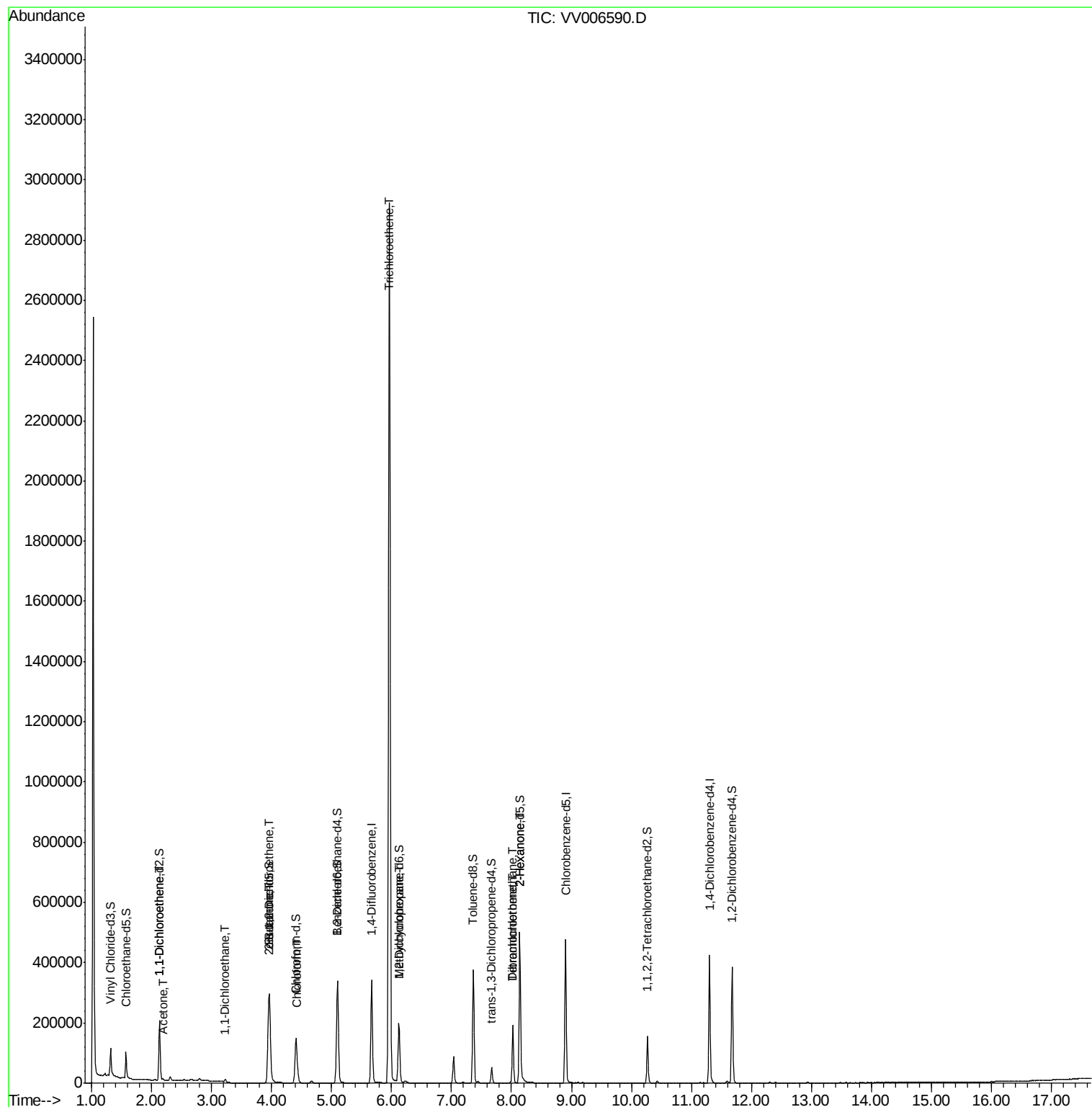
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.14	96	11086	0.575	ug/L #	1
13) Acetone	2.19	43	3338	1.240	ug/L	96
19) 1,1-Dichloroethane	3.23	63	10150	0.278	ug/L	98
21) 2-Butanone	3.94	43	1589	0.360	ug/L	87
22) cis-1,2-Dichloroethene	3.97	96	126370	5.588	ug/L	96
25) Chloroform	4.43	83	22625	0.623	ug/L	99
34) Trichloroethene	5.96	95	1029327	48.243	ug/L	98
35) Methylcyclohexane	6.12	83	24420	0.711	ug/L #	19
47) Tetrachloroethene	8.02	164	46066	2.626	ug/L	98
48) 2-Hexanone	8.14	43	17962	2.456	ug/L #	67
49) Dibromochloromethane	8.02	129	39797	2.681	ug/L #	12

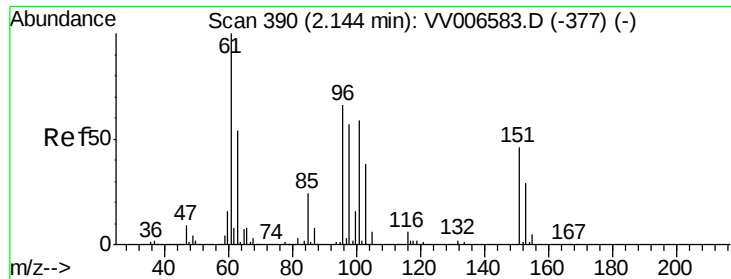
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

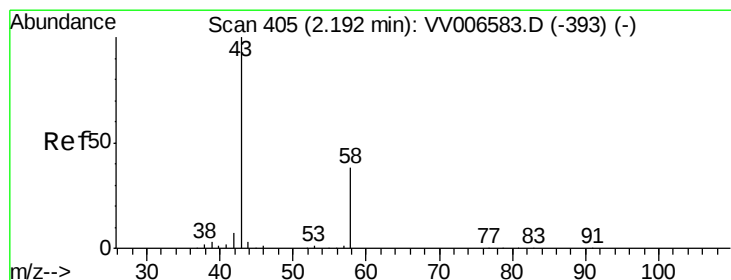
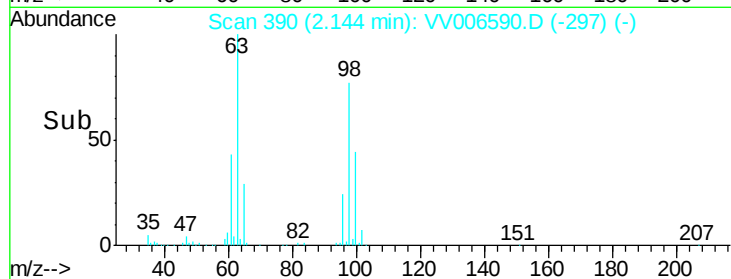
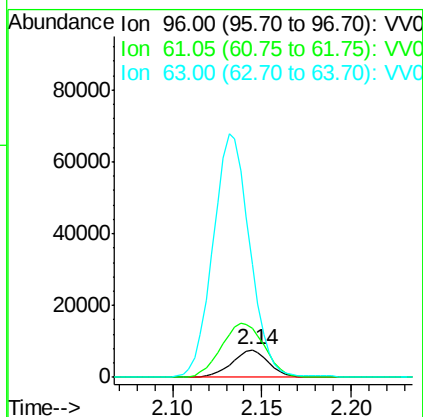
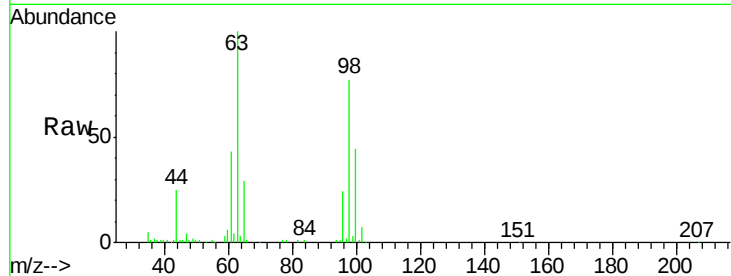
Tgt Ion: 96 Resp: 11086

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

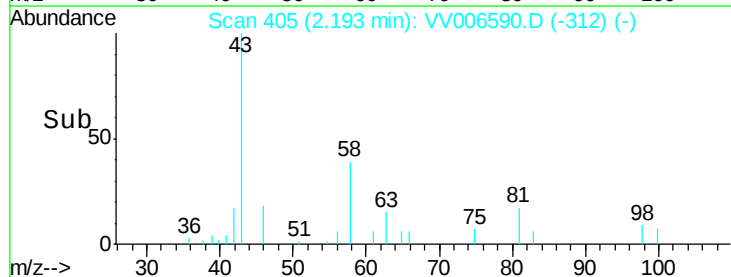
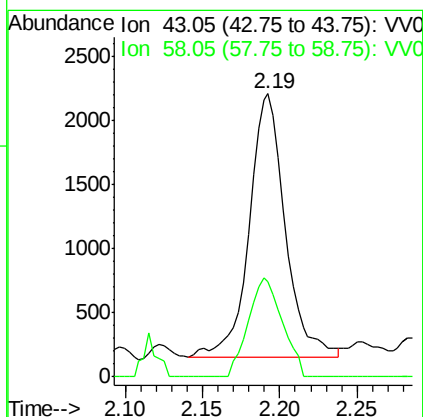
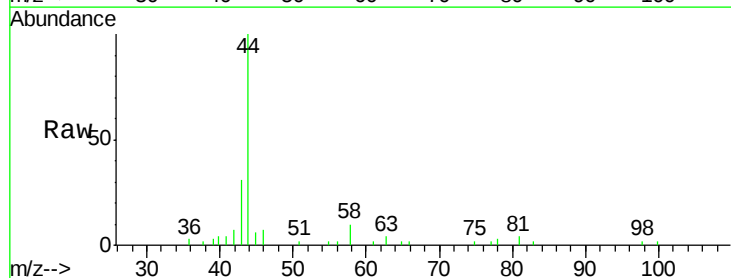
Acq: 12 Jul 2018 17:11

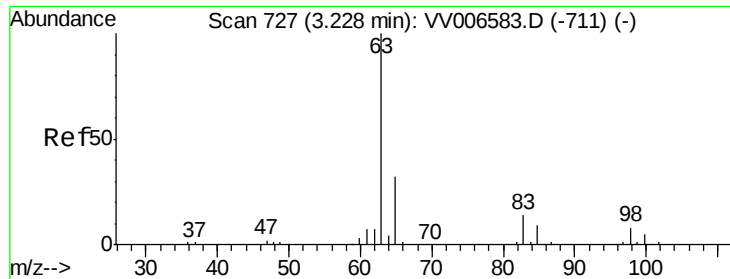
Tgt Ion: 43 Resp: 3338

Ion Ratio Lower Upper

43 100

58 35.5 0.0 76.2

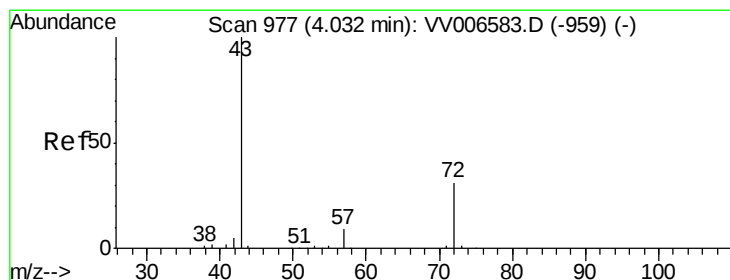
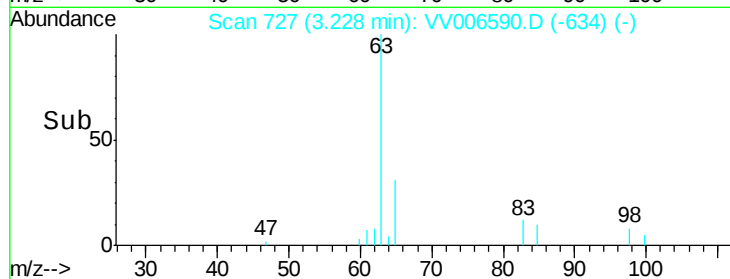
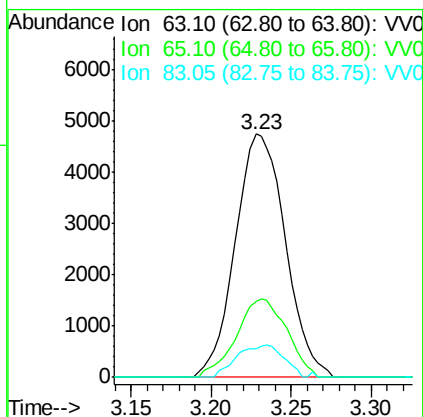
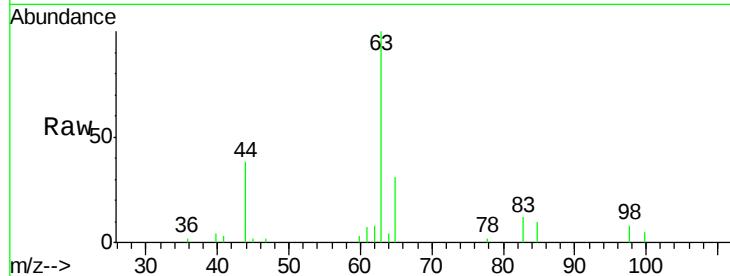




#19
 1,1-Dichloroethane
 Concen: 0.278 ug/L
 RT: 3.23 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VV006590.D
 Acq: 12 Jul 2018 17:11

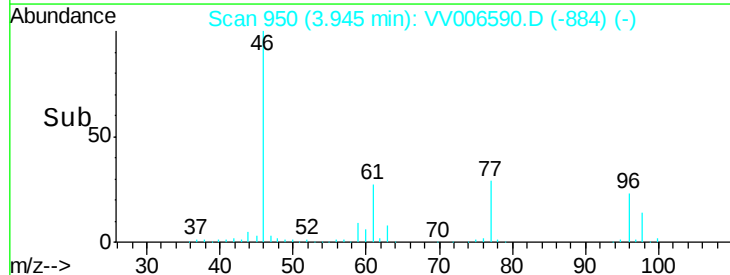
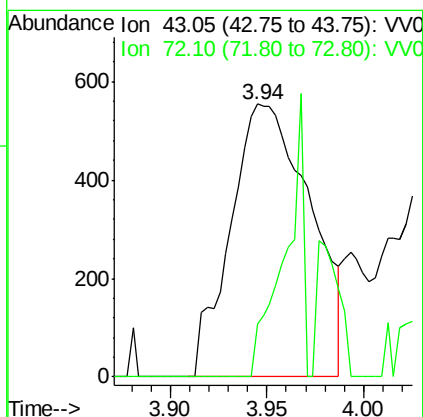
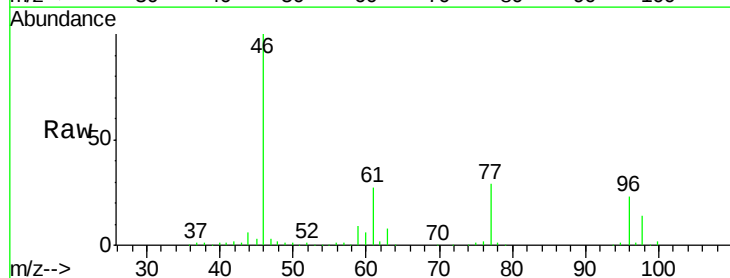
Instrument :
 MSVOA_V
 ClientSampled :
 C0AF2

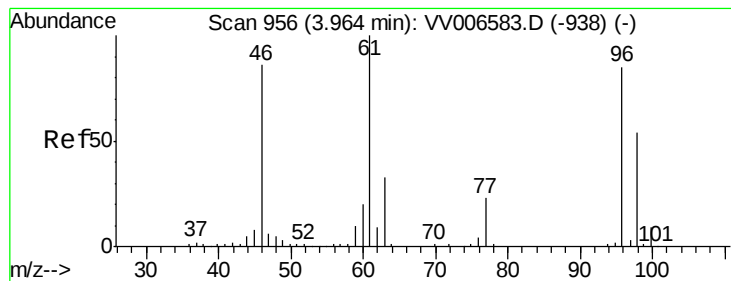
Tgt Ion: 63 Resp: 10150
 Ion Ratio Lower Upper
 63 100
 65 31.0 22.0 41.0
 83 11.9 9.5 17.7



#21
 2-Butanone
 Concen: 0.360 ug/L
 RT: 3.94 min Scan# 950
 Delta R.T. -0.09 min
 Lab File: VV006590.D
 Acq: 12 Jul 2018 17:11

Tgt Ion: 43 Resp: 1589
 Ion Ratio Lower Upper
 43 100
 72 23.2 15.1 45.3





#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

Instrument :

MSVOA_V

ClientSampled :

C0AF2

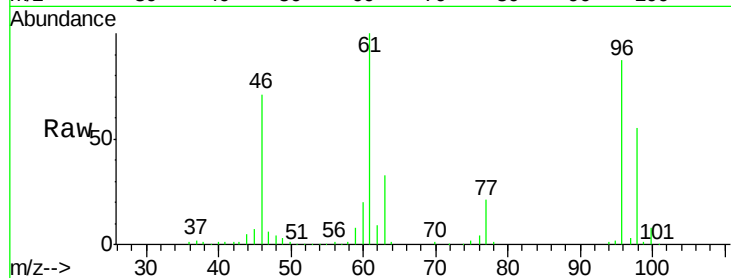
Tgt Ion: 96 Resp: 126370

Ion Ratio Lower Upper

96 100

61 115.5 83.8 155.6

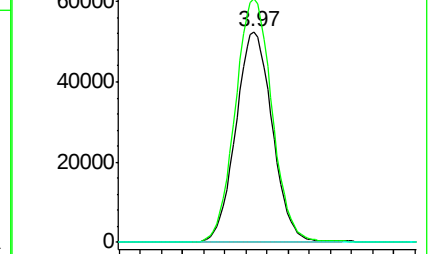
68 0.0 0.0 0.0



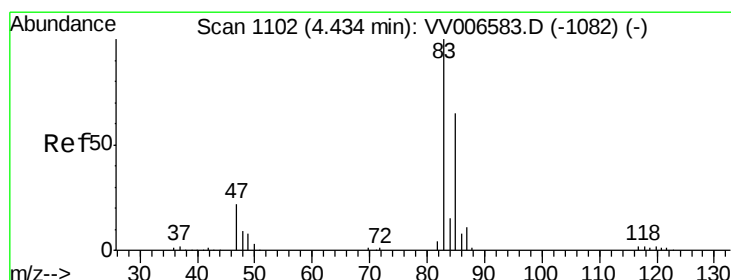
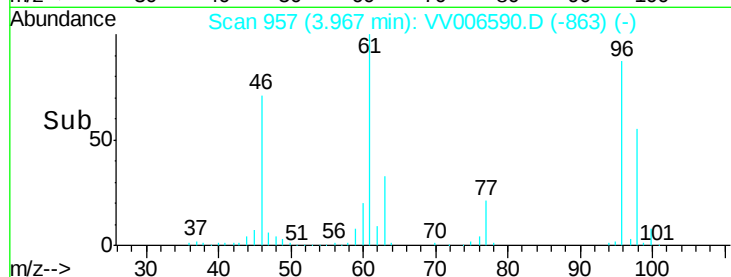
Abundance Ion 96.00 (95.70 to 96.70): VV006583.D (-938) (-)

Ion 61.05 (60.75 to 61.75): VV006583.D (-938) (-)

Ion 68.15 (67.85 to 68.85): VV006583.D (-938) (-)



Time-->



#25

Chloroform

Concen: 0.623 ug/L

RT: 4.43 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV006590.D

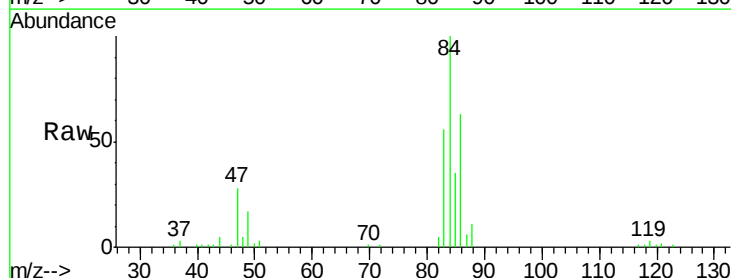
Acq: 12 Jul 2018 17:11

Tgt Ion: 83 Resp: 22625

Ion Ratio Lower Upper

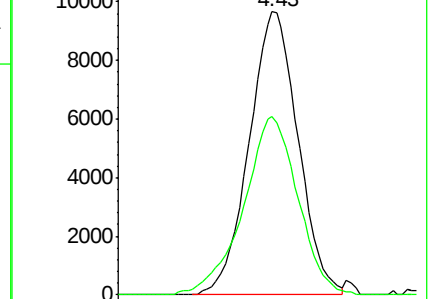
83 100

85 63.2 44.8 83.2

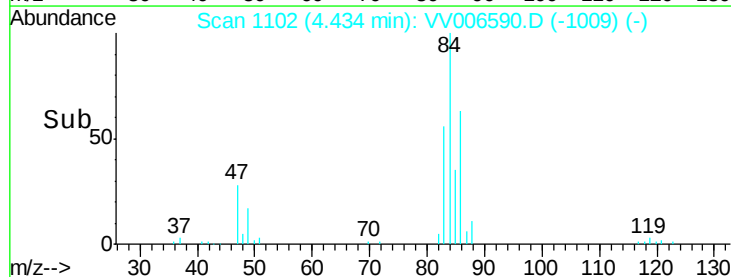


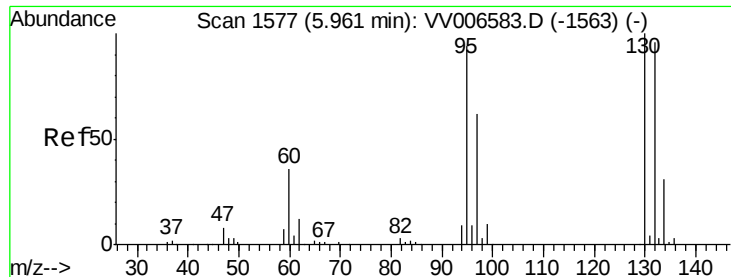
Abundance Ion 83.05 (82.75 to 83.75): VV006583.D (-1082) (-)

Ion 85.00 (84.70 to 85.70): VV006583.D (-1082) (-)



Time-->

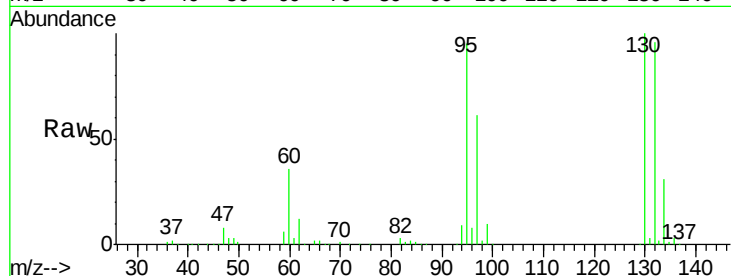




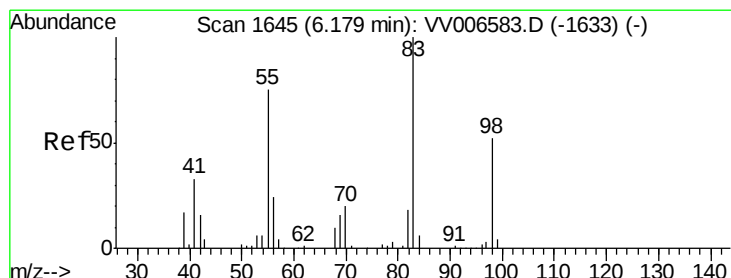
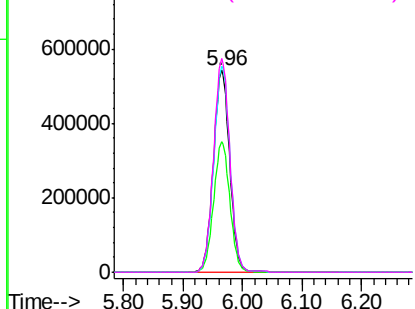
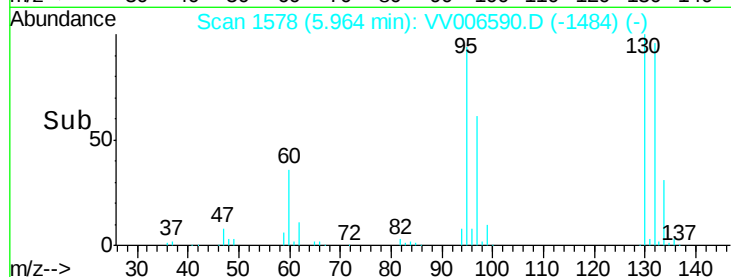
#34
 Trichloroethene
 Concen: 48.243 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006590.D
 Acq: 12 Jul 2018 17:11

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF2

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

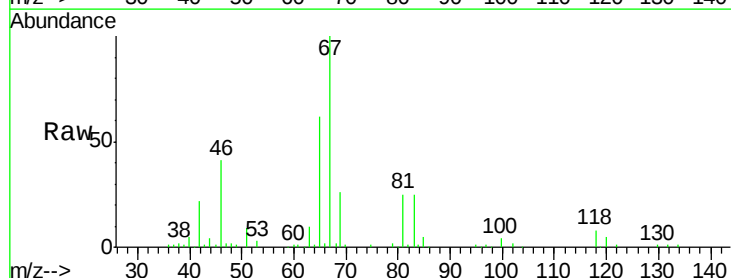


Abundance Ion 95.00 (94.70 to 95.70): VV006590.D (-1484) (-)
 Ion 96.95 (96.65 to 97.65): VV006590.D (-1484) (-)
 Ion 131.95 (131.65 to 132.65): VV006590.D (-1484) (-)
 Ion 129.95 (129.65 to 130.65): VV006590.D (-1484) (-)

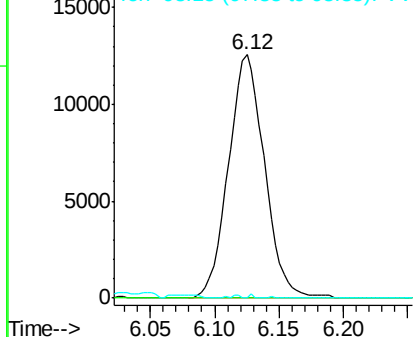
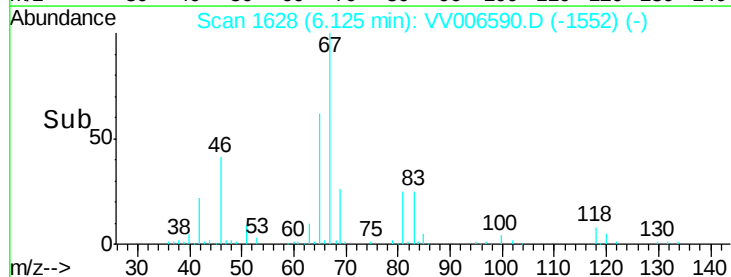


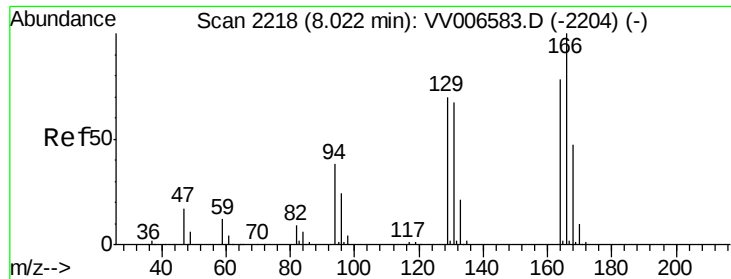
#35
 Methylcyclohexane
 Concen: 0.711 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: VV006590.D
 Acq: 12 Jul 2018 17:11

Tgt Ion: 83 Resp: 24420
 Ion Ratio Lower Upper
 83 100
 55 0.0 58.3 87.5#
 98 0.0 39.3 58.9#



Abundance Ion 83.15 (82.85 to 83.85): VV006590.D (-1552) (-)
 Ion 55.10 (54.80 to 55.80): VV006590.D (-1552) (-)
 Ion 98.15 (97.85 to 98.85): VV006590.D (-1552) (-)

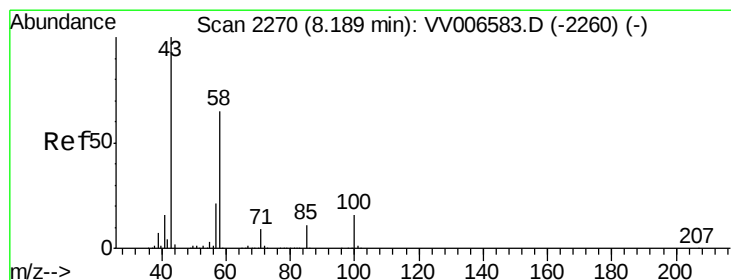
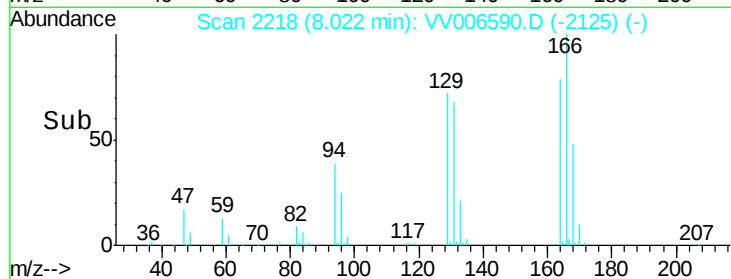
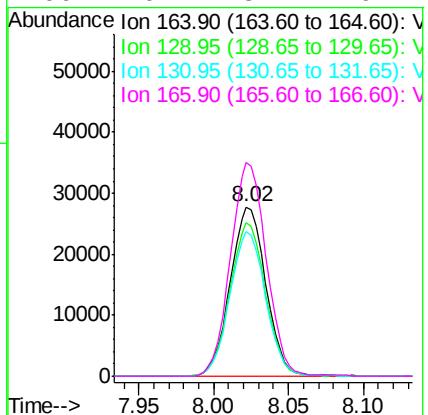
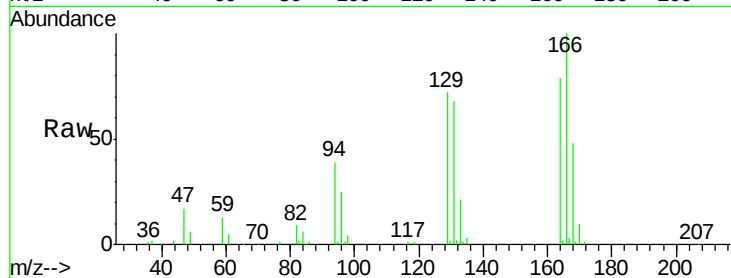




#47
Tetrachloroethene
Concen: 2.626 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VV006590.D
Acq: 12 Jul 2018 17:11

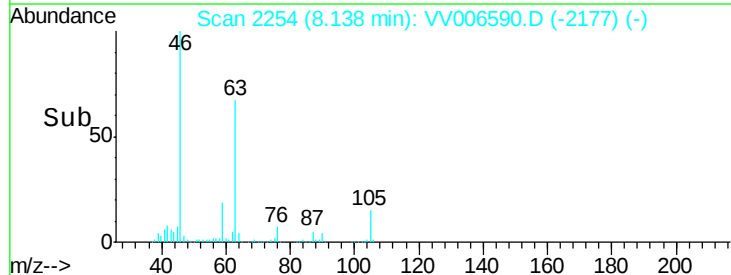
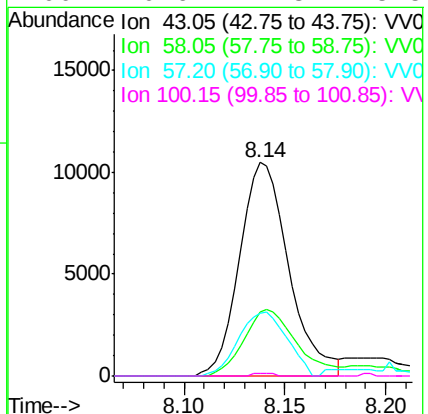
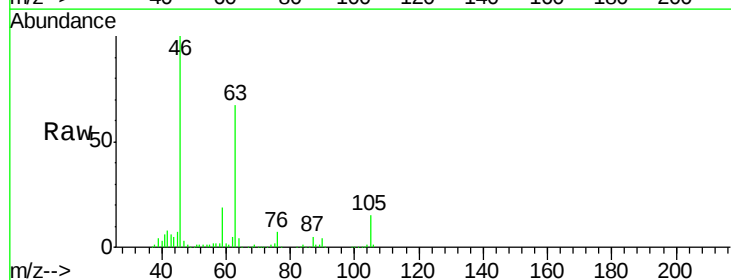
Instrument :
MSVOA_V
ClientSampled :
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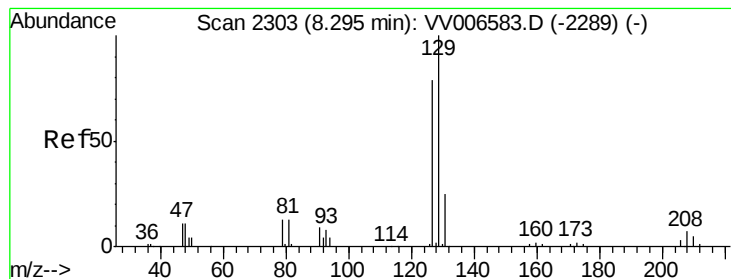
Tgt Ion:164 Resp: 46066
Ion Ratio Lower Upper
164 100
129 90.5 62.1 115.3
131 85.6 60.8 113.0
166 126.2 87.1 161.7



#48
2-Hexanone
Concen: 2.456 ug/L
RT: 8.14 min Scan# 2254
Delta R.T. -0.05 min
Lab File: VV006590.D
Acq: 12 Jul 2018 17:11

Tgt Ion: 43 Resp: 17962
Ion Ratio Lower Upper
43 100
58 33.1 50.3 75.5#
57 29.3 17.0 25.4#
100 0.6 12.3 18.5#





#49

Dibromochloromethane

Concen: 2.681 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV006590.D

Acq: 12 Jul 2018 17:11

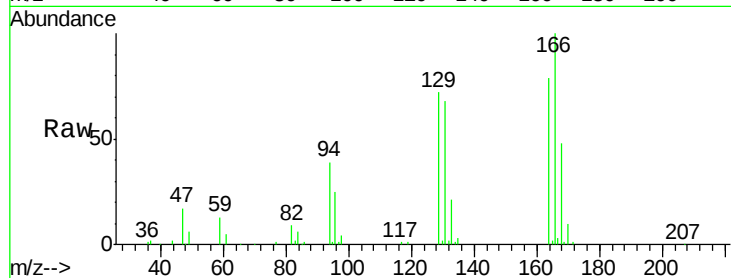
Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tgt Ion:129 Resp: 39797

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

