

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090418\
 Data File : VV007348.D
 Acq On : 05 Sep 2018 00:06
 Operator : SY/MD
 Sample : J4695-03
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEE44

Quant Time: Sep 05 01:28:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 05 01:26:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	496033	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	466850	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	183428	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	161008	45.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.88%
7) Chloroethane-d5	1.57	69	117534	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.28%
11) 1,1-Dichloroethene-d2	2.13	63	220166	35.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.54%
21) 2-Butanone-d5	3.96	46	254029	88.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.14%
24) Chloroform-d	4.41	84	335652	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.09	65	213144	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
32) Benzene-d6	5.11	84	670135	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
36) 1,2-Dichloropropane-d6	6.12	67	226697	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.16%
41) Toluene-d8	7.37	98	529515	43.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.44%
43) trans-1,3-Dichloropropene-	7.67	79	88650	44.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.28%
47) 2-Hexanone-d5	8.14	63	165557	89.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.57%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	287597	44.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.30%
64) 1,2-Dichlorobenzene-d4	11.68	152	198886	50.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.90%

Target Compounds

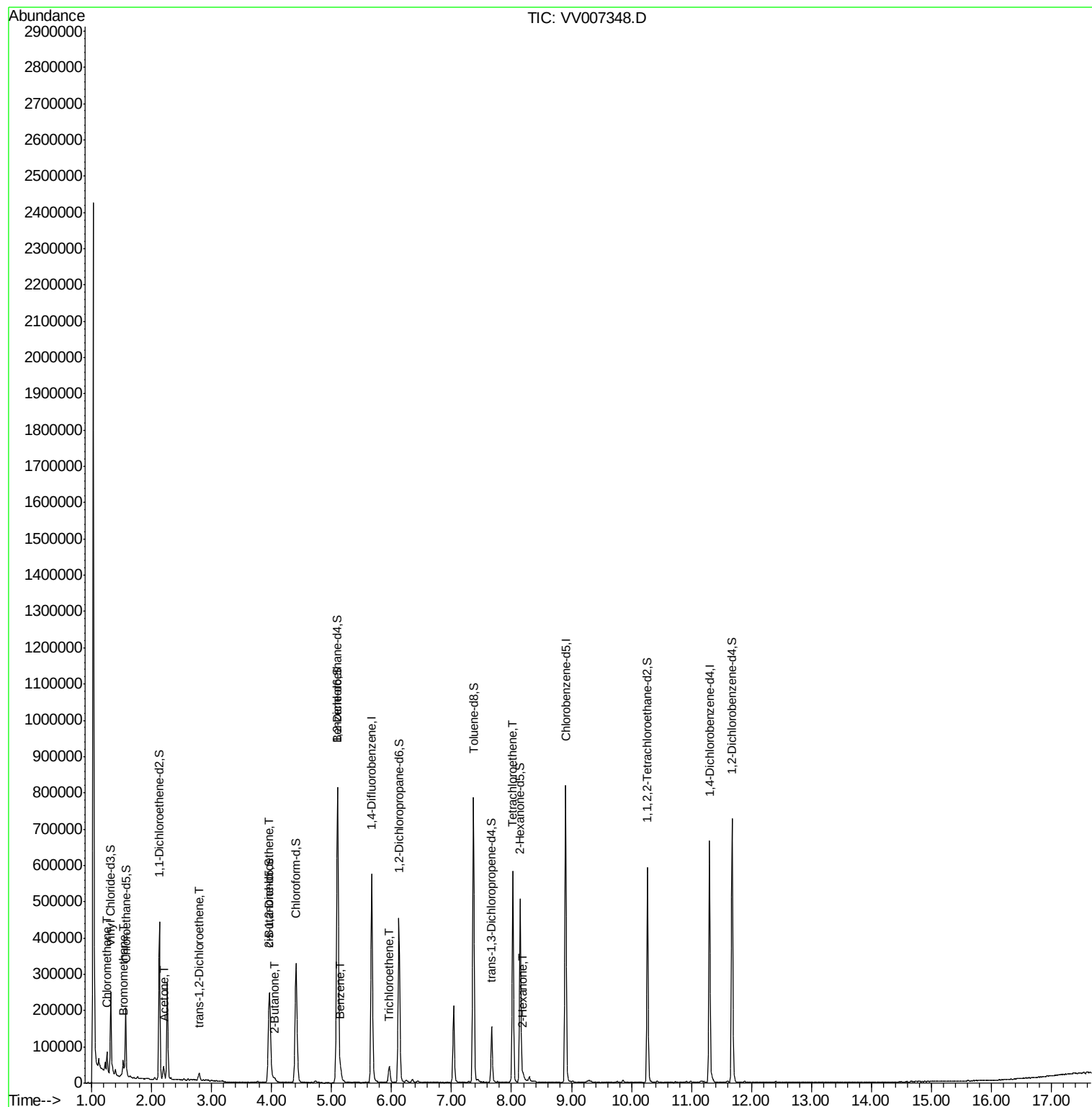
					Qvalue
3) Chloromethane	1.26	50	49150	11.769 ug/L	99
6) Bromomethane	1.53	94	12084	5.923 ug/L	95
13) Acetone	2.20	43	36412	21.217 ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	7857	2.296 ug/L	95
20) cis-1,2-Dichloroethene	3.97	96	60329	15.319 ug/L	97
22) 2-Butanone	4.05	43	10947	3.809 ug/L	79
33) Benzene	5.15	78	30018	2.010 ug/L	100
34) Trichloroethene	5.97	95	13699	3.758 ug/L	95
46) Tetrachloroethene	8.02	164	139202	47.488 ug/L	96
48) 2-Hexanone	8.20	43	6422	1.737 ug/L #	74

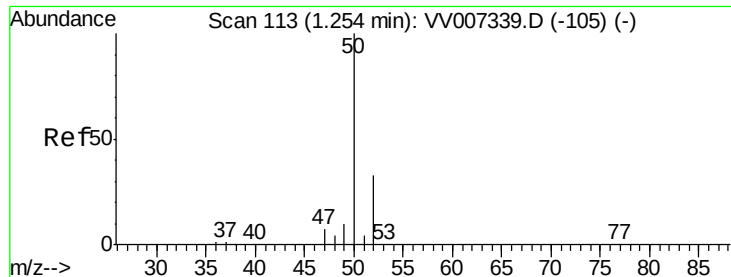
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 05 01:26:02 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 11.769 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.00 min

Lab File: VV007348.D

Acq: 05 Sep 2018 00:06

Instrument :

MSVOA_V

ClientSampleId :

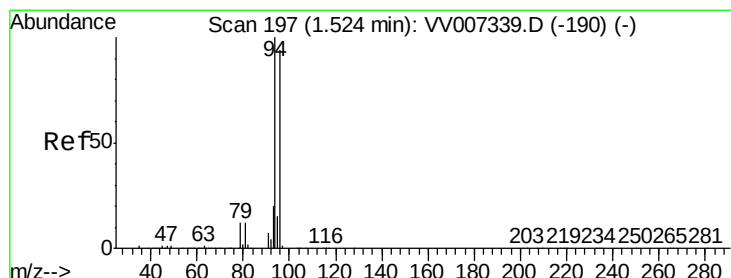
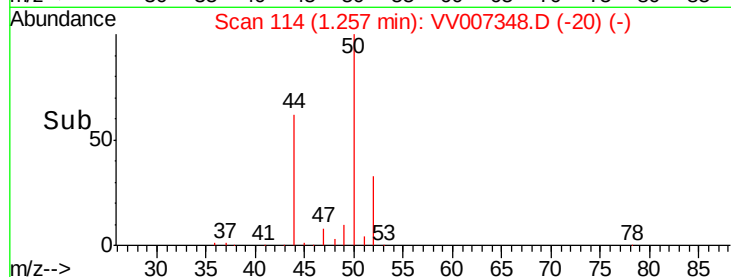
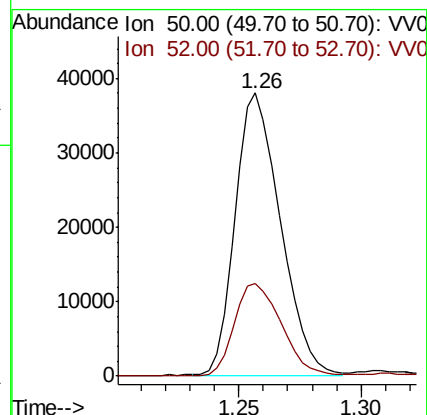
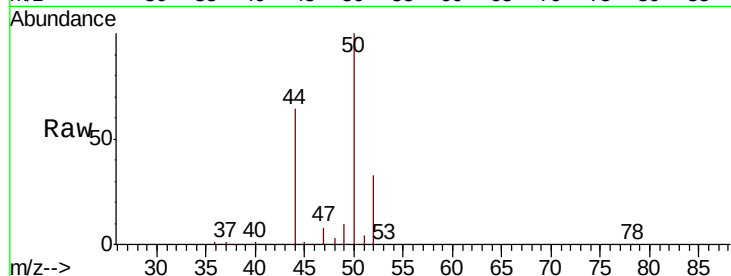
BEE44

Tgt Ion: 50 Resp: 49150

Ion Ratio Lower Upper

50 100

52 32.9 23.2 43.2



#6

Bromomethane

Concen: 5.923 ug/L

RT: 1.53 min Scan# 198

Delta R.T. 0.00 min

Lab File: VV007348.D

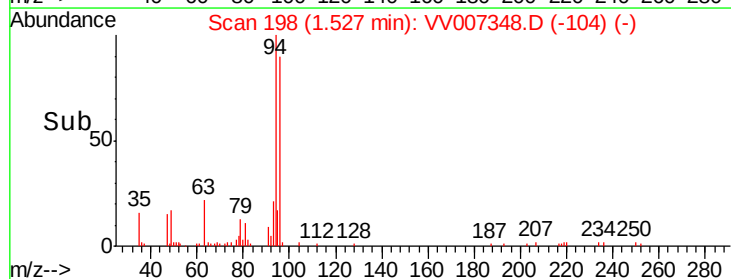
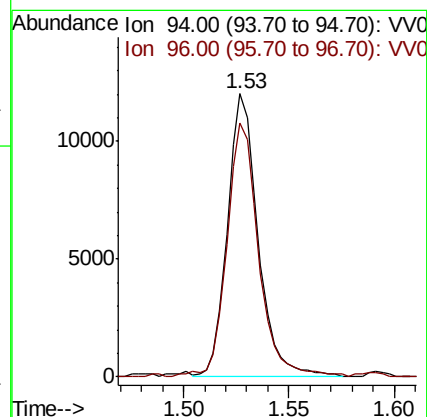
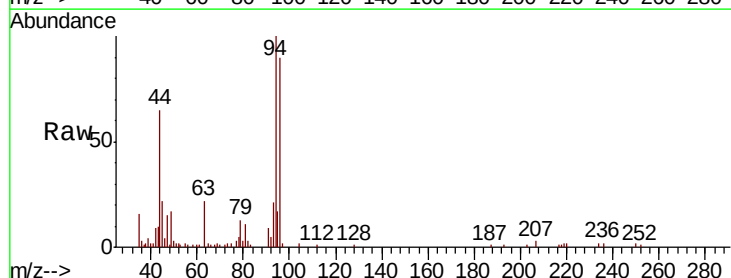
Acq: 05 Sep 2018 00:06

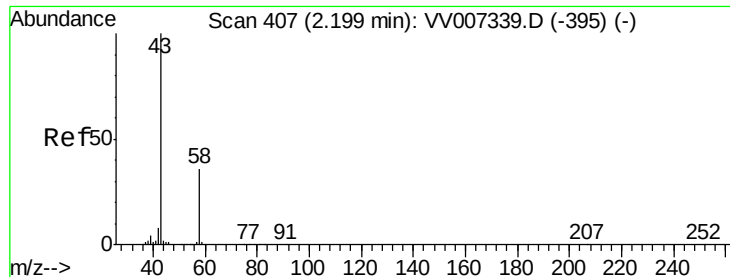
Tgt Ion: 94 Resp: 12084

Ion Ratio Lower Upper

94 100

96 89.8 65.9 122.5





#13

Acetone

Concen: 21.217 ug/L

RT: 2.20 min Scan# 408

Delta R.T. 0.00 min

Lab File: VV007348.D

Acq: 05 Sep 2018 00:06

Instrument :

MSVOA_V

ClientSampleId :

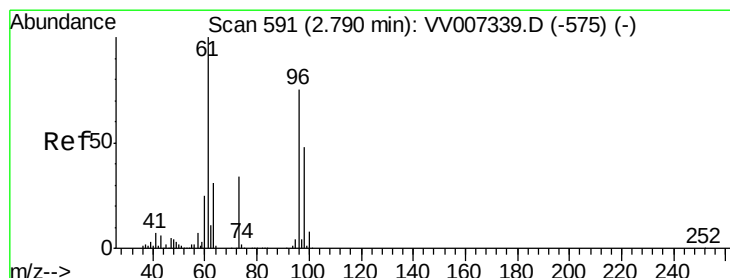
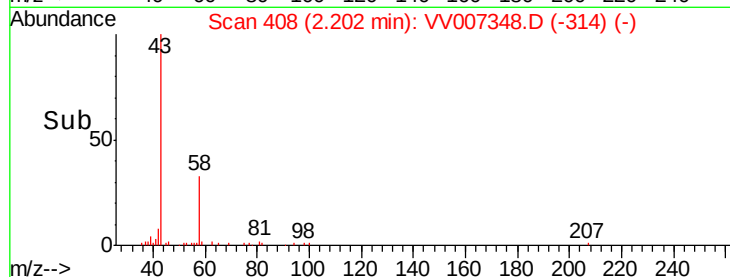
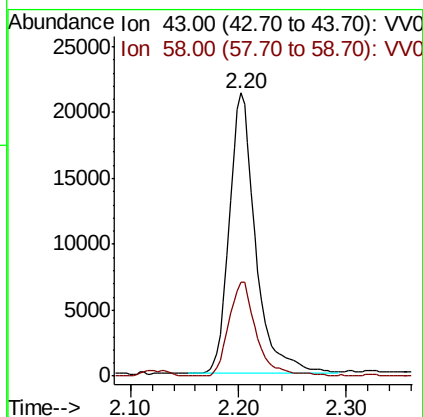
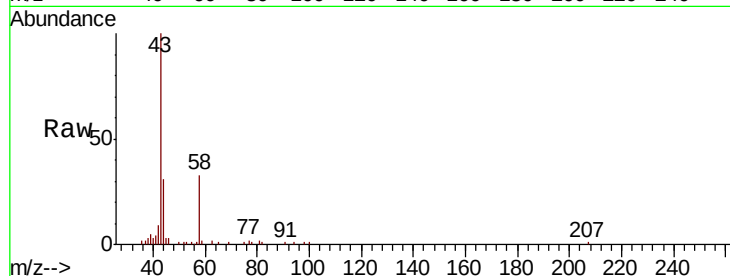
BEE44

Tgt Ion: 43 Resp: 36412

Ion Ratio Lower Upper

43 100

58 34.1 0.0 71.2



#17

trans-1,2-Dichloroethene

Concen: 2.296 ug/L

RT: 2.79 min Scan# 591

Delta R.T. 0.00 min

Lab File: VV007348.D

Acq: 05 Sep 2018 00:06

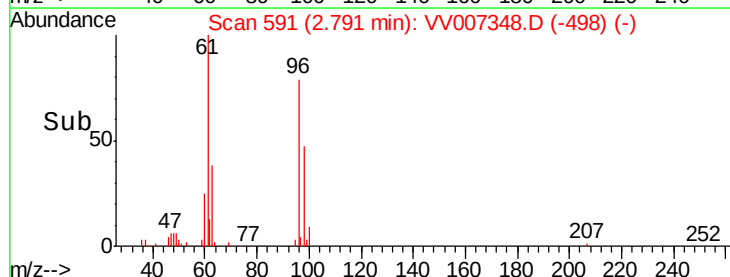
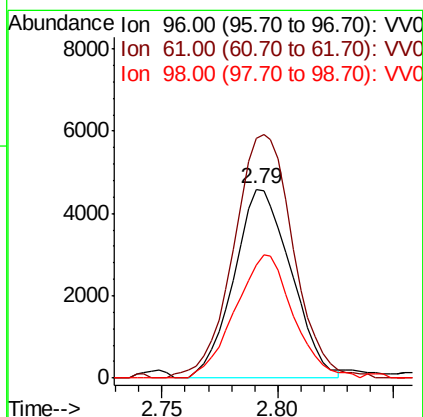
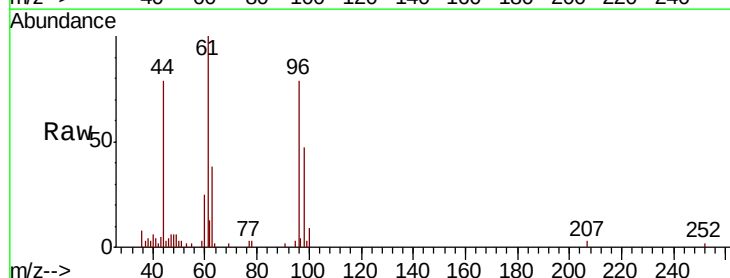
Tgt Ion: 96 Resp: 7857

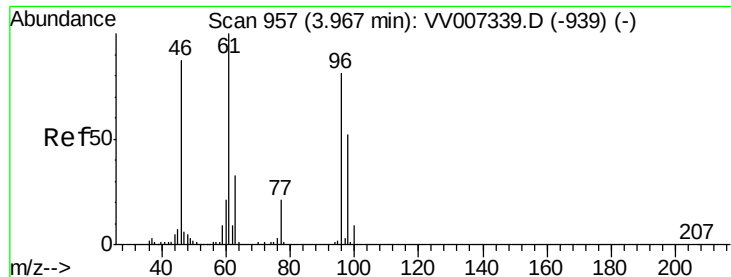
Ion Ratio Lower Upper

96 100

61 127.2 93.1 172.9

98 60.0 44.9 83.5

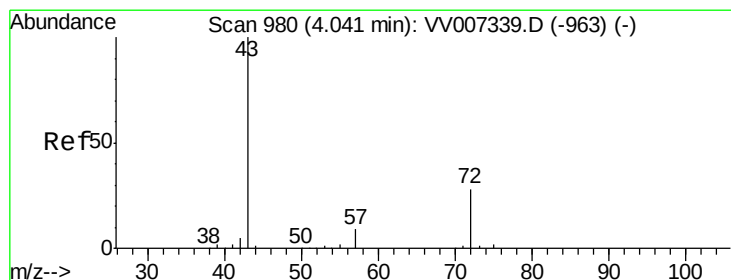
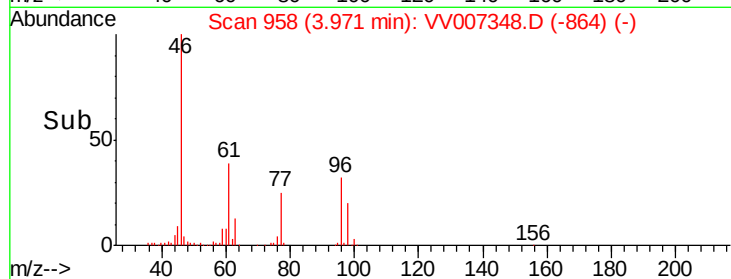
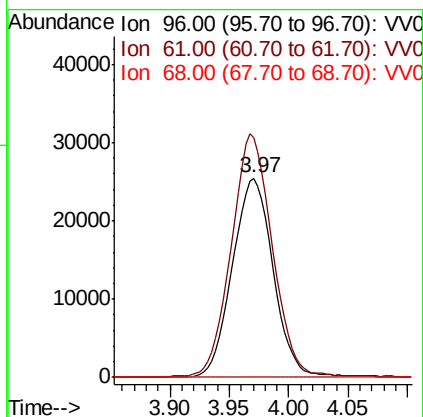
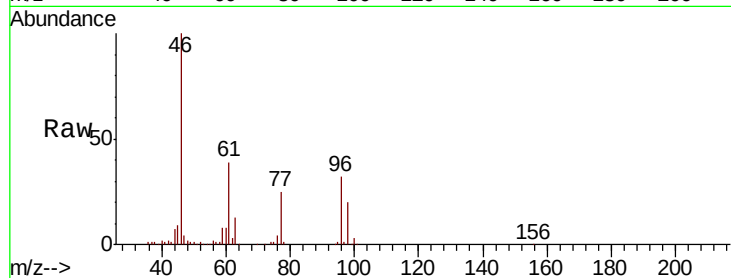




#20
 cis-1,2-Dichloroethene
 Concen: 15.319 ug/L
 RT: 3.97 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: VV007348.D
 Acq: 05 Sep 2018 00:06

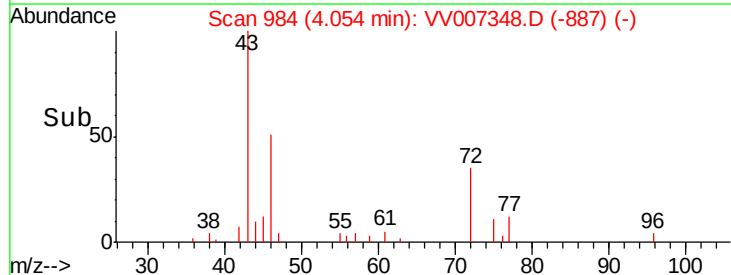
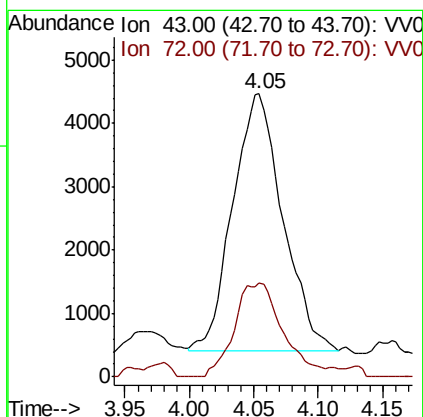
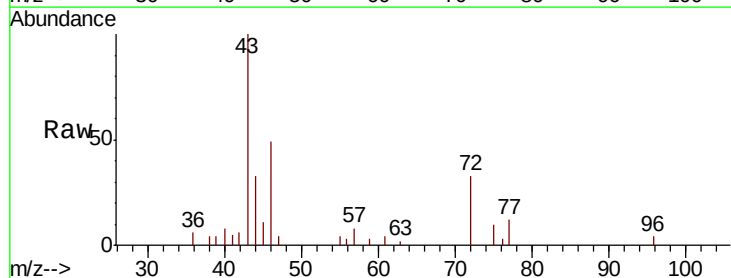
Instrument :
 MSVOA_V
 ClientSampleId :
 BEE44

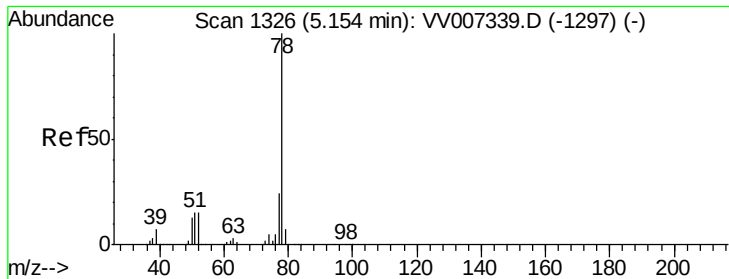
Tgt Ion: 96 Resp: 60329
 Ion Ratio Lower Upper
 96 100
 61 120.5 86.8 161.2
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 3.809 ug/L
 RT: 4.05 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VV007348.D
 Acq: 05 Sep 2018 00:06

Tgt Ion: 43 Resp: 10947
 Ion Ratio Lower Upper
 43 100
 72 16.3 13.8 41.3





#33

Benzene

Concen: 2.010 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV007348.D

Acq: 05 Sep 2018 00:06

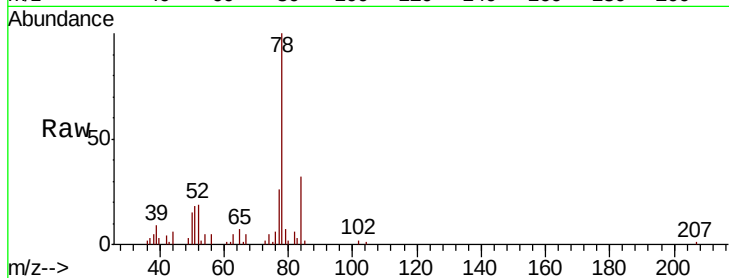
Instrument :

MSVOA_V

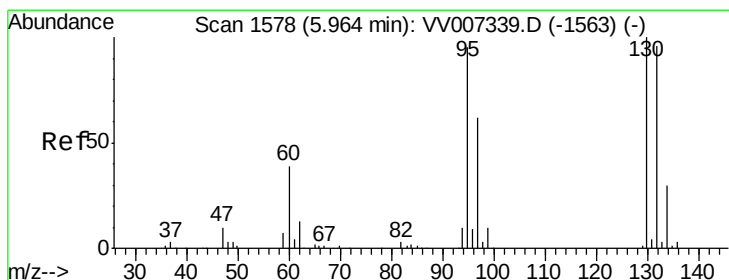
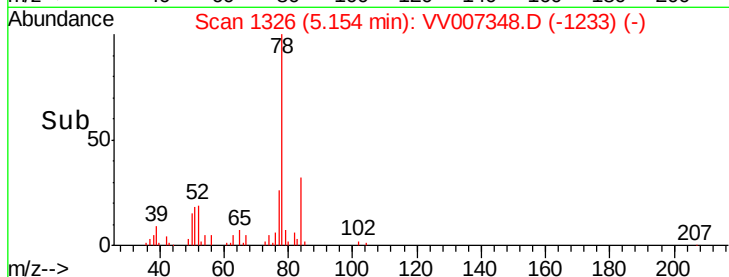
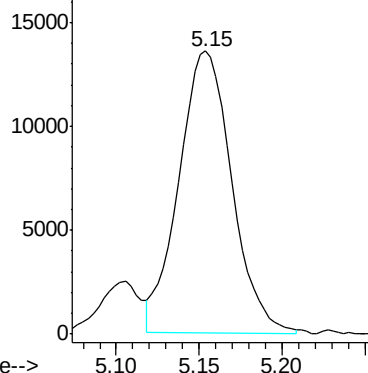
ClientSampleId :

BEE44

Tgt Ion: 78 Resp: 30018



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 3.758 ug/L

RT: 5.97 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VV007348.D

Acq: 05 Sep 2018 00:06

Tgt Ion: 95 Resp: 13699

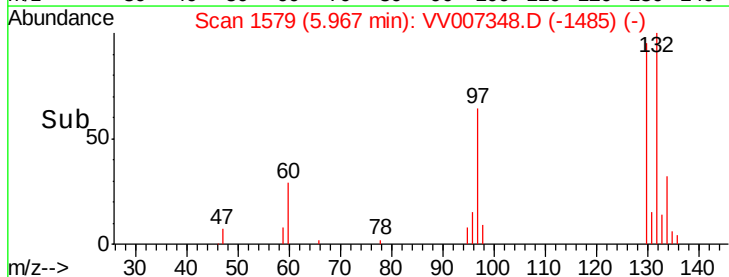
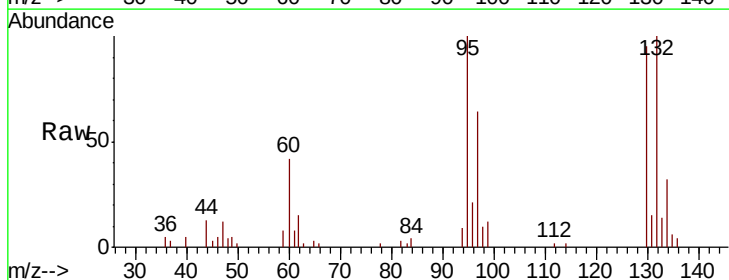
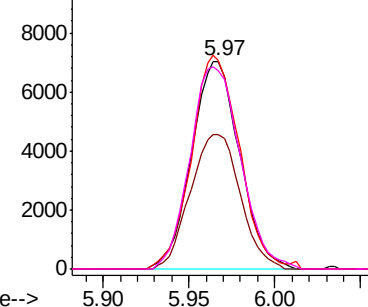
Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.1	85.7
132	100.2	70.8	131.6
130	95.5	73.9	137.3

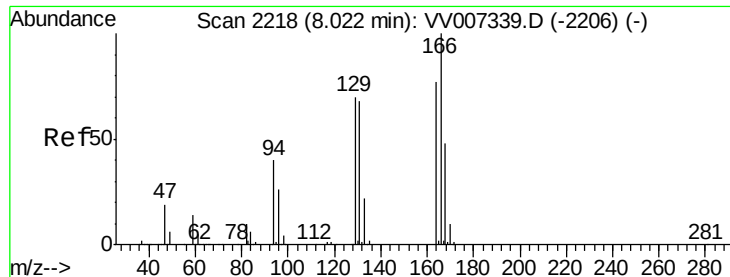
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 47.488 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV007348.D

Acq: 05 Sep 2018 00:06

Instrument :

MSVOA_V

ClientSampled :

BEE44

Tgt Ion:164 Resp: 139202

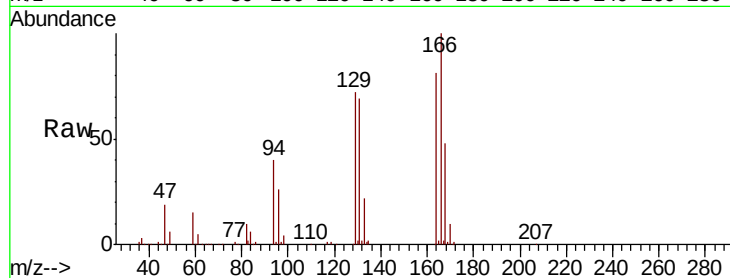
Ion Ratio Lower Upper

164 100

129 88.9 63.9 118.7

131 85.8 62.6 116.2

166 124.0 91.6 170.2

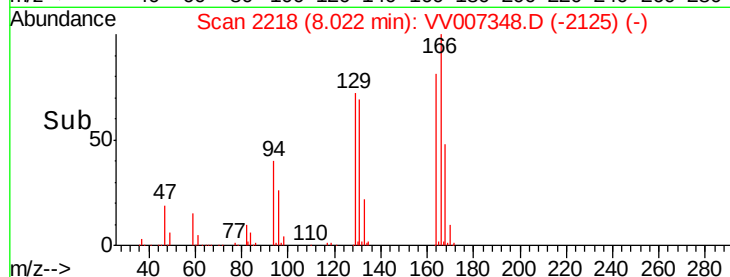


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

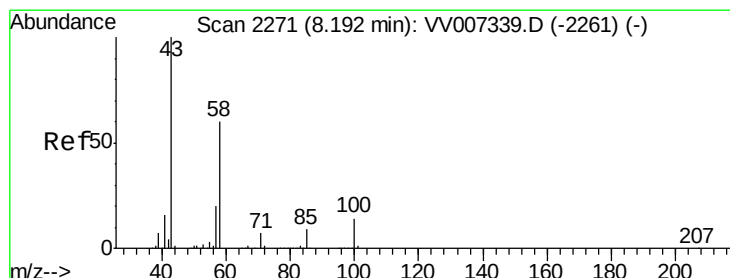
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Time-->

8.02



#48

2-Hexanone

Concen: 1.737 ug/L

RT: 8.20 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV007348.D

Acq: 05 Sep 2018 00:06

Tgt Ion: 43 Resp: 6422

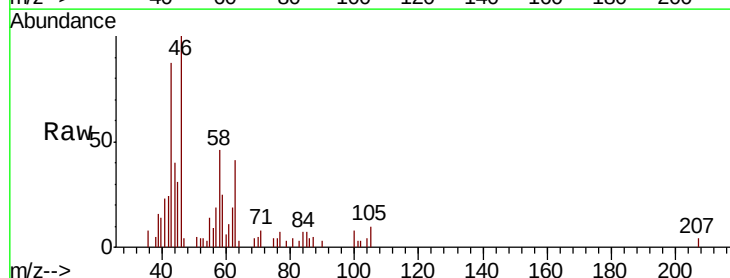
Ion Ratio Lower Upper

43 100

58 44.6 48.6 72.8#

57 0.0 16.2 24.2#

100 6.1 11.1 16.7#

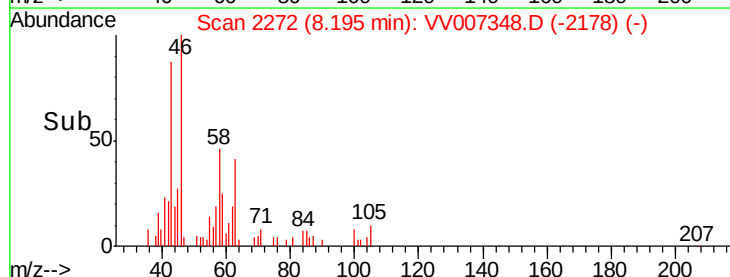


Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0



Time-->

8.20