

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090418\
 Data File : VV007346.D
 Acq On : 04 Sep 2018 23:17
 Operator : SY/MD
 Sample : J4695-01
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEE41

Quant Time: Sep 05 01:28:44 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	533870	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	501243	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	191971	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	167497	43.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.86%
7) Chloroethane-d5	1.57	69	117152	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.13	63	225241	33.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.06%
21) 2-Butanone-d5	3.96	46	284487	91.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.72%
24) Chloroform-d	4.41	84	351738	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.18%
26) 1,2-Dichloroethane-d4	5.09	65	224781	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
32) Benzene-d6	5.11	84	704257	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
36) 1,2-Dichloropropane-d6	6.12	67	242527	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.80%
41) Toluene-d8	7.37	98	563989	43.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.74%
43) trans-1,3-Dichloropropene-	7.67	79	97189	45.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.14%
47) 2-Hexanone-d5	8.14	63	190466	95.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.97%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	316547	45.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.56%
64) 1,2-Dichlorobenzene-d4	11.68	152	206819	50.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.26%

Target Compounds

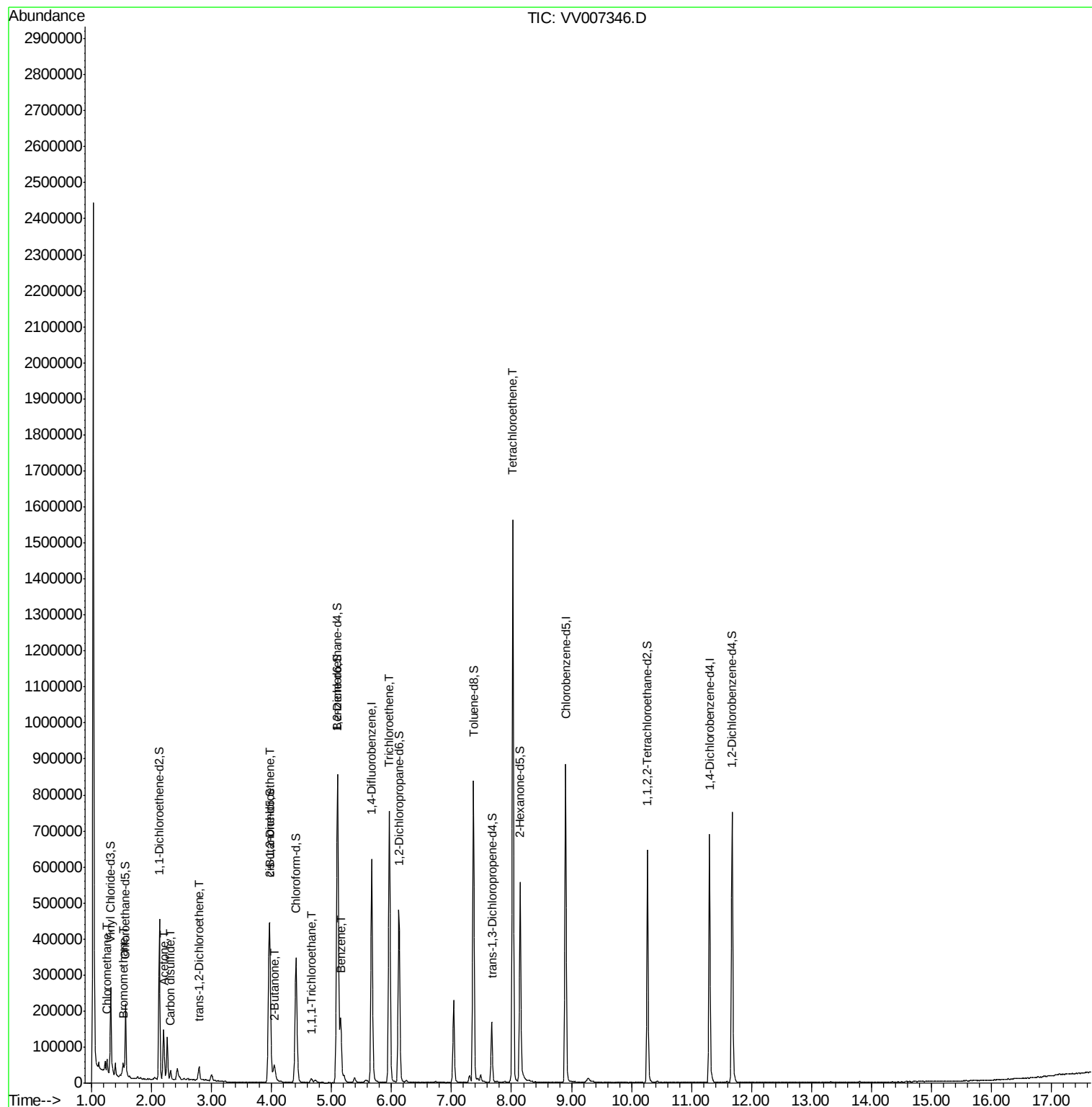
					Qvalue
3) Chloromethane	1.26	50	31397	6.985 ug/L	94
6) Bromomethane	1.53	94	8423	3.836 ug/L	100
13) Acetone	2.20	43	144065	77.996 ug/L	99
14) Carbon disulfide	2.32	76	27102	2.833 ug/L #	94
17) trans-1,2-Dichloroethene	2.79	96	14853	4.033 ug/L	94
20) cis-1,2-Dichloroethene	3.97	96	164990	38.926 ug/L	100
22) 2-Butanone	4.05	43	66967	21.648 ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	9262	1.513 ug/L	97
33) Benzene	5.15	78	172917	10.785 ug/L	100
34) Trichloroethene	5.96	95	263520	67.328 ug/L	99
46) Tetrachloroethene	8.02	164	370022	117.570 ug/L	97

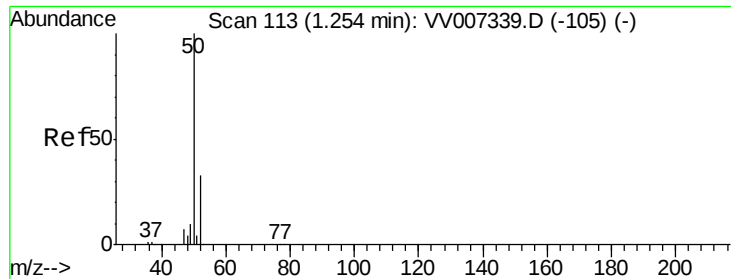
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 6.985 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.00 min

Lab File: VV007346.D

Acq: 04 Sep 2018 23:17

Instrument :

MSVOA_V

ClientSampled :

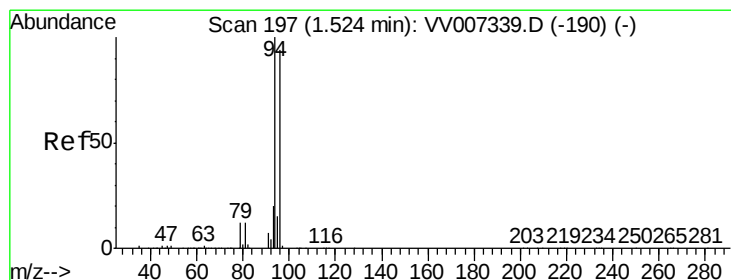
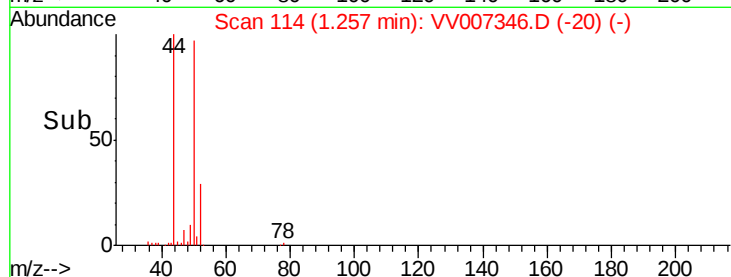
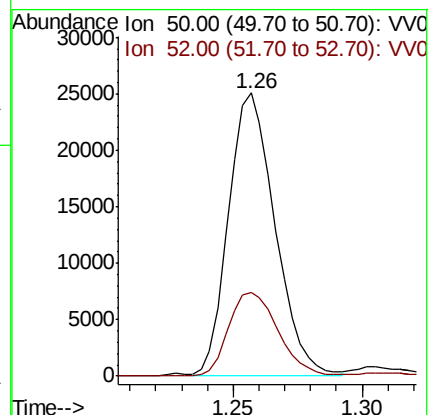
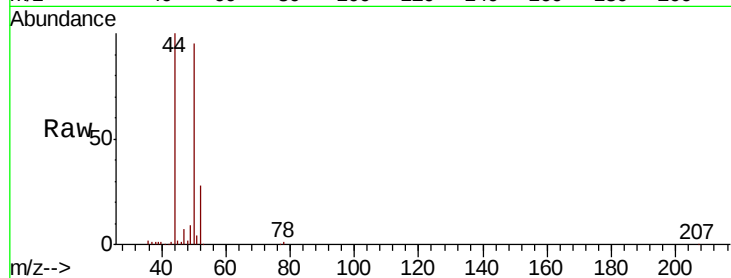
BEE41

Tgt Ion: 50 Resp: 31397

Ion Ratio Lower Upper

50 100

52 29.7 23.2 43.2



#6

Bromomethane

Concen: 3.836 ug/L

RT: 1.53 min Scan# 198

Delta R.T. 0.00 min

Lab File: VV007346.D

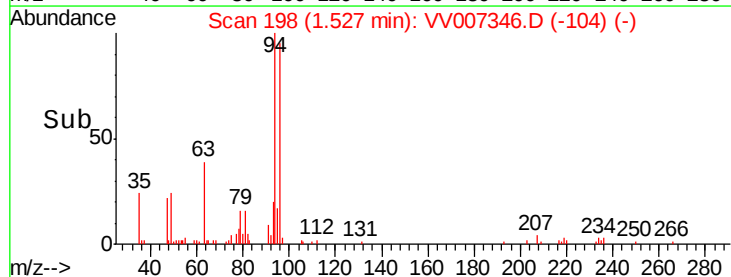
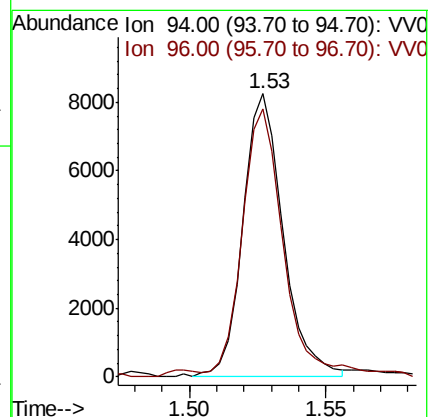
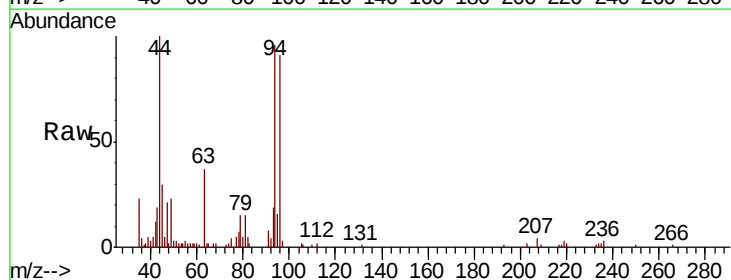
Acq: 04 Sep 2018 23:17

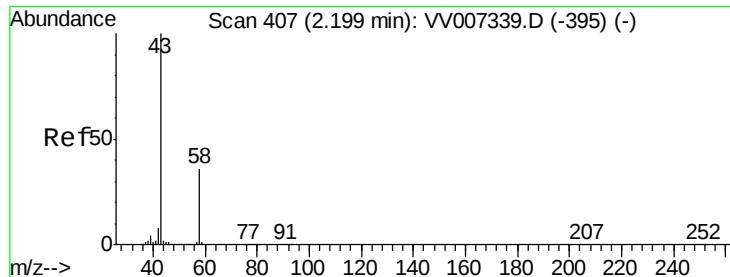
Tgt Ion: 94 Resp: 8423

Ion Ratio Lower Upper

94 100

96 94.6 65.9 122.5





#13

Acetone

Concen: 77.996 ug/L

RT: 2.20 min Scan# 408

Delta R.T. 0.00 min

Lab File: VV007346.D

Acq: 04 Sep 2018 23:17

Instrument :

MSVOA_V

ClientSampleId :

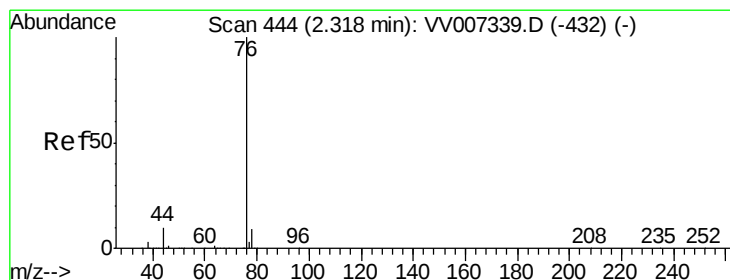
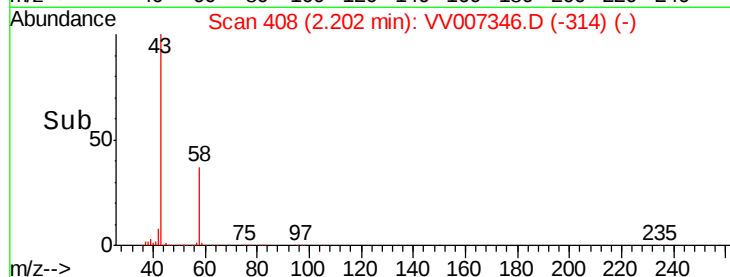
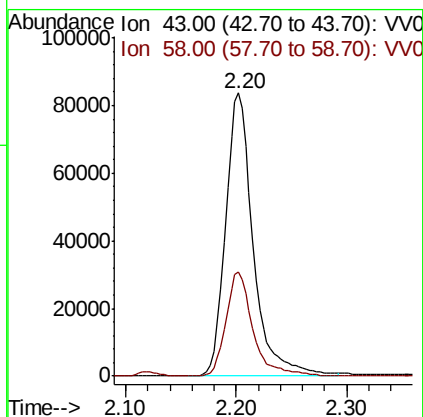
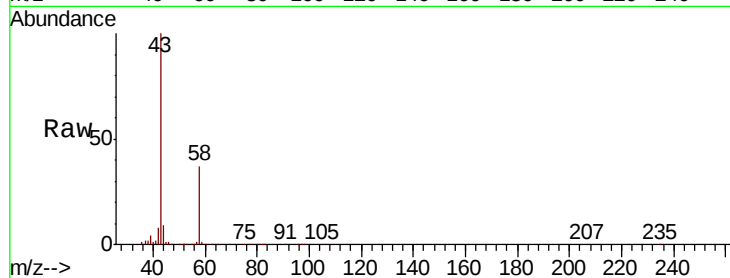
BEE41

Tgt Ion: 43 Resp: 144065

Ion Ratio Lower Upper

43 100

58 36.4 0.0 71.2



#14

Carbon disulfide

Concen: 2.833 ug/L

RT: 2.32 min Scan# 444

Delta R.T. 0.00 min

Lab File: VV007346.D

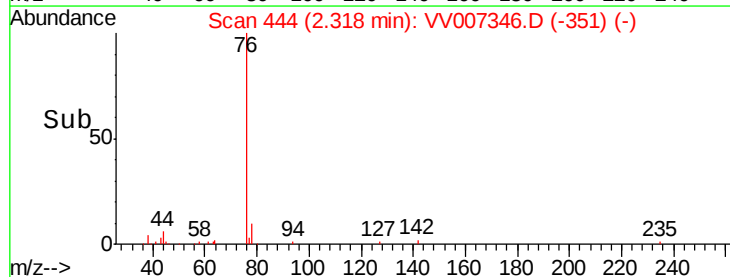
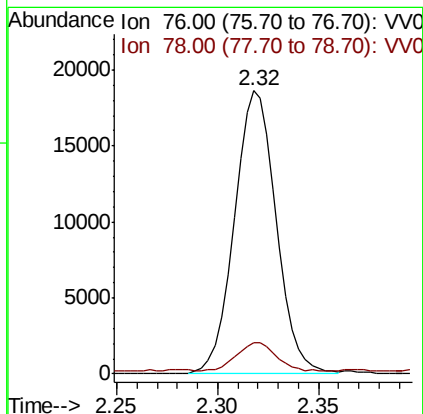
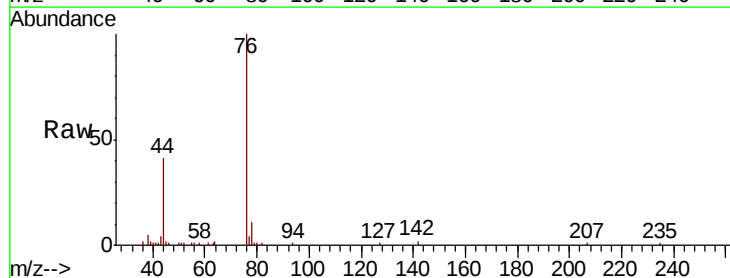
Acq: 04 Sep 2018 23:17

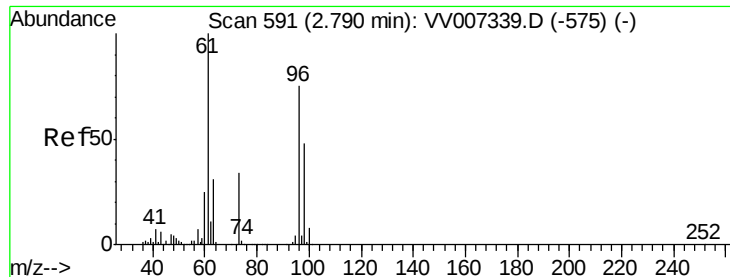
Tgt Ion: 76 Resp: 27102

Ion Ratio Lower Upper

76 100

78 11.2 7.1 10.7#





#17

trans-1,2-Dichloroethene

Concen: 4.033 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV007346.D

Acq: 04 Sep 2018 23:17

Instrument :

MSVOA_V

ClientSampleId :

BEE41

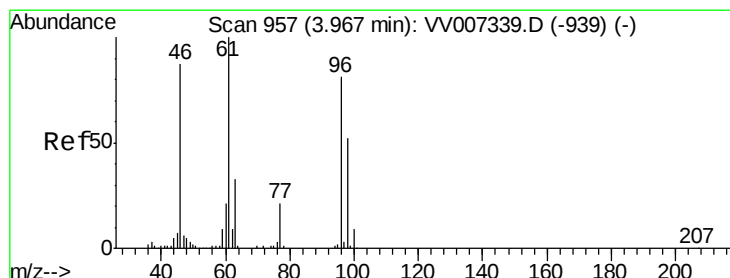
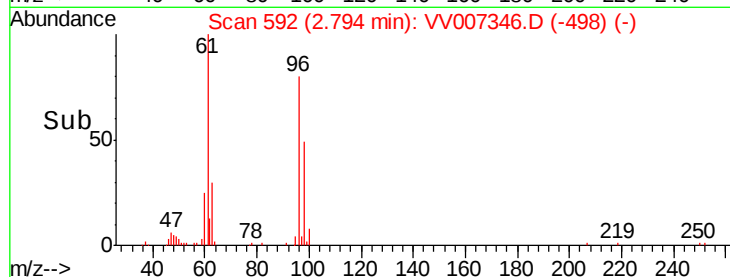
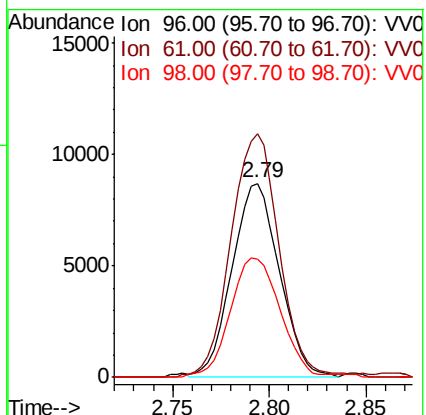
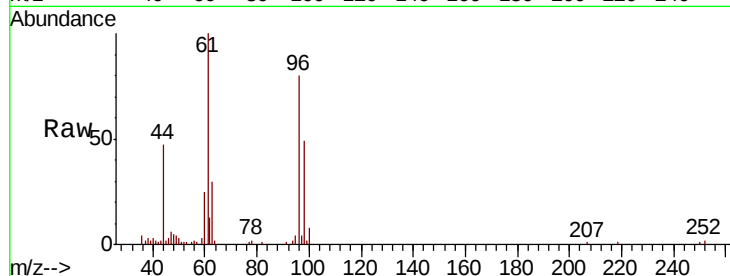
Tgt Ion: 96 Resp: 14853

Ion Ratio Lower Upper

96 100

61 125.3 93.1 172.9

98 61.1 44.9 83.5



#20

cis-1,2-Dichloroethene

Concen: 38.926 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.00 min

Lab File: VV007346.D

Acq: 04 Sep 2018 23:17

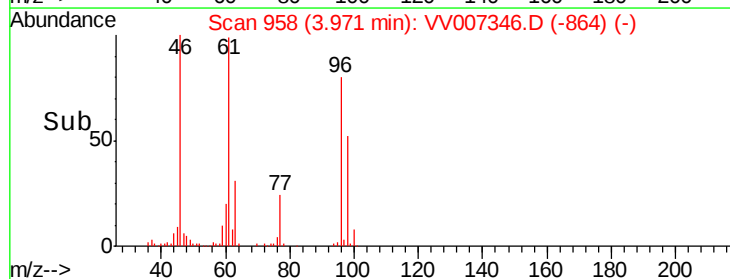
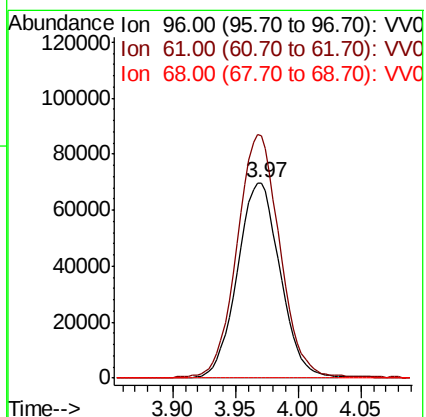
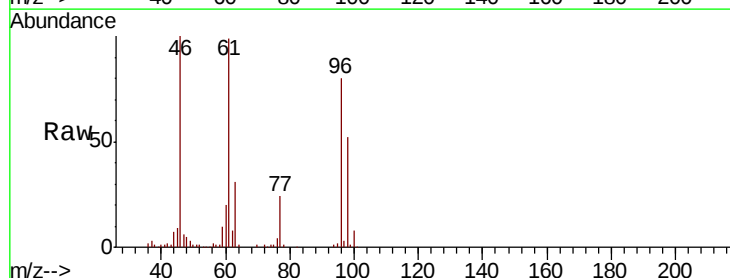
Tgt Ion: 96 Resp: 164990

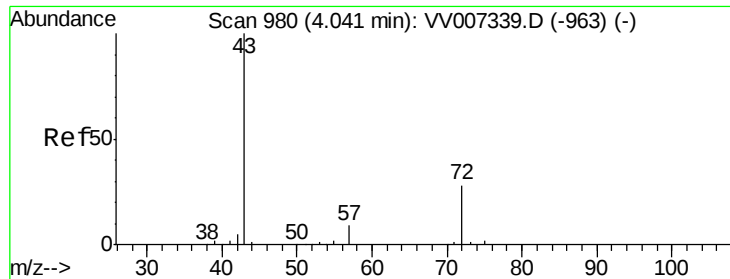
Ion Ratio Lower Upper

96 100

61 123.9 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 21.648 ug/L

RT: 4.05 min Scan# 982

Delta R.T. 0.01 min

Lab File: VV007346.D

Acq: 04 Sep 2018 23:17

Instrument :

MSVOA_V

ClientSampled :

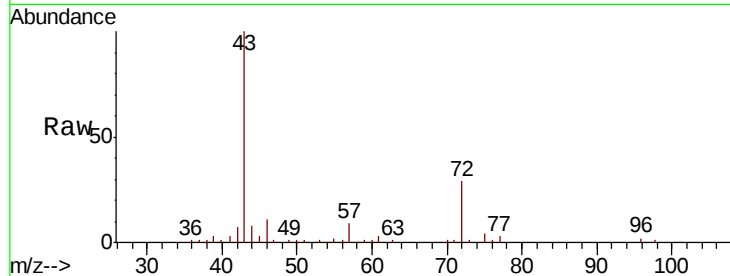
BEE41

Tgt Ion: 43 Resp: 66967

Ion Ratio Lower Upper

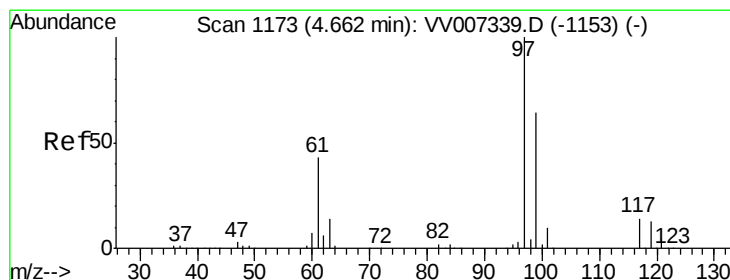
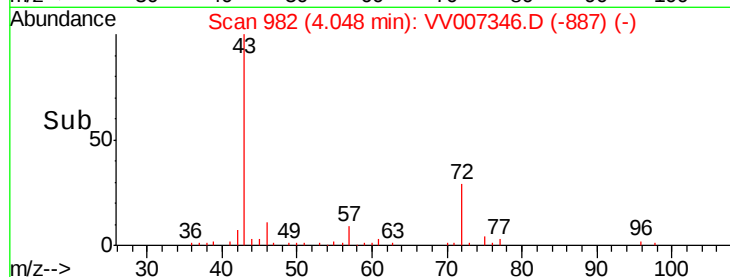
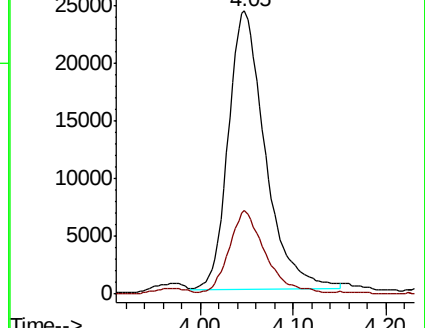
43 100

72 28.9 13.8 41.3



Abundance Ion 43.00 (42.70 to 43.70): VV007339.D (-963) (-)

Ion 72.00 (71.70 to 72.70): VV007339.D (-963) (-)



#30

1,1,1-Trichloroethane

Concen: 1.513 ug/L

RT: 4.66 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VV007346.D

Acq: 04 Sep 2018 23:17

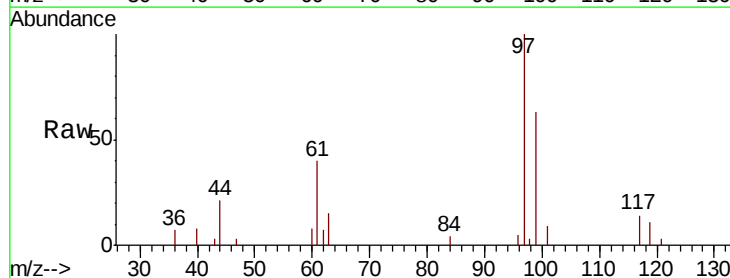
Tgt Ion: 97 Resp: 9262

Ion Ratio Lower Upper

97 100

99 62.1 52.1 78.1

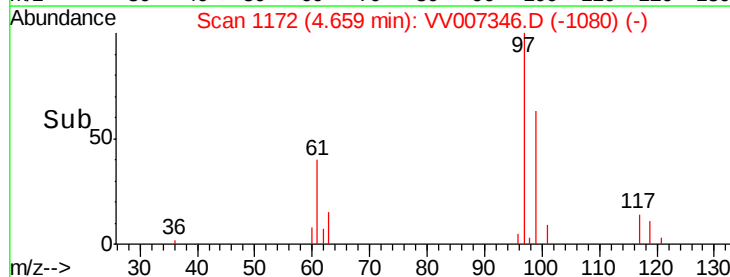
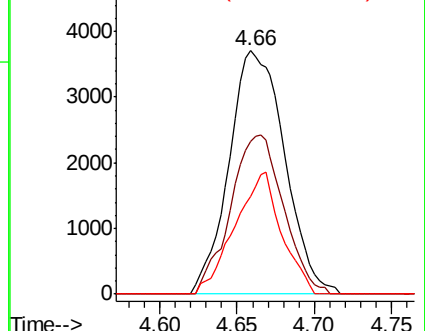
61 42.1 34.6 51.8

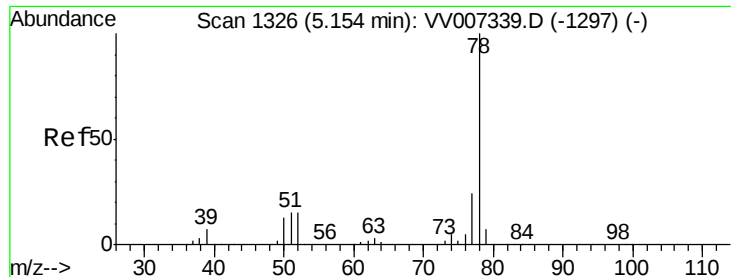


Abundance Ion 97.00 (96.70 to 97.70): VV007339.D (-1153) (-)

Ion 99.00 (98.70 to 99.70): VV007339.D (-1153) (-)

Ion 61.05 (60.75 to 61.75): VV007339.D (-1153) (-)





#33

Benzene

Concen: 10.785 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV007346.D

Acq: 04 Sep 2018 23:17

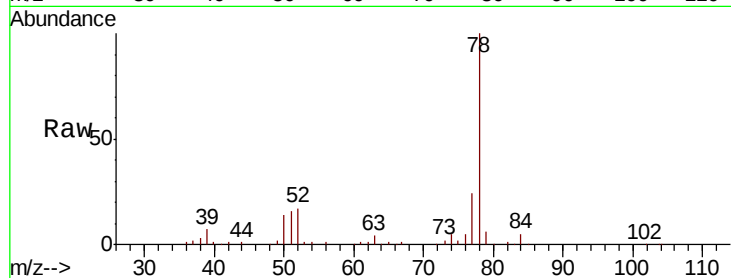
Instrument :

MSVOA_V

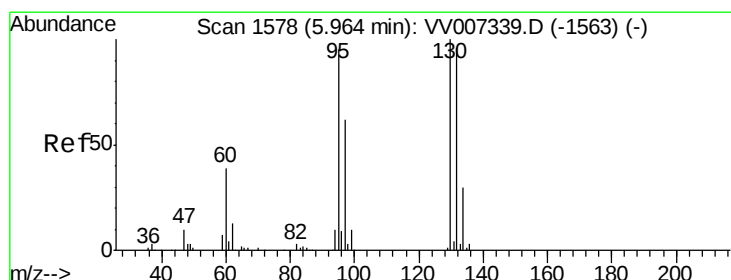
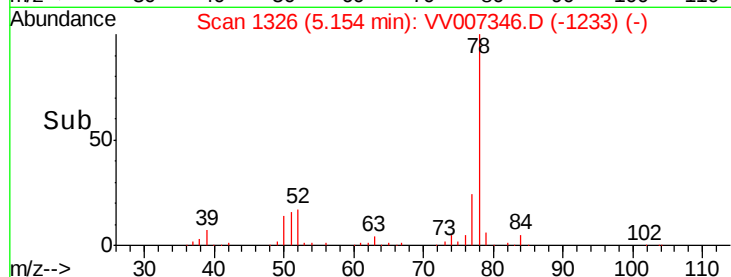
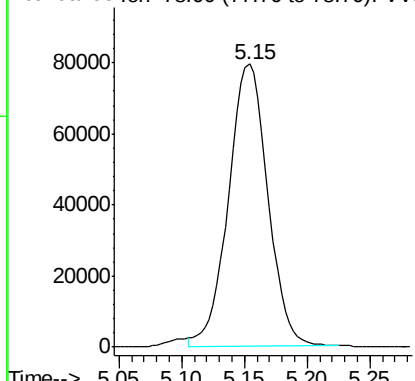
ClientSampleId :

BEE41

Tgt Ion: 78 Resp: 172917



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 67.328 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007346.D

Acq: 04 Sep 2018 23:17

Tgt Ion: 95 Resp: 263520

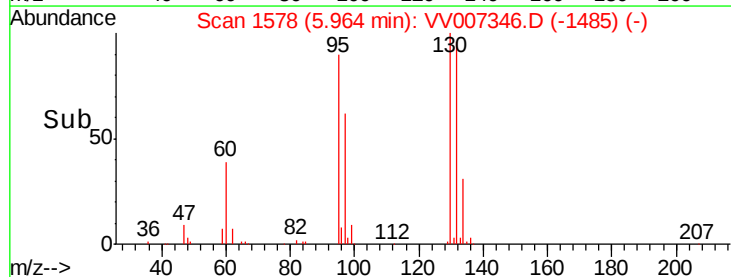
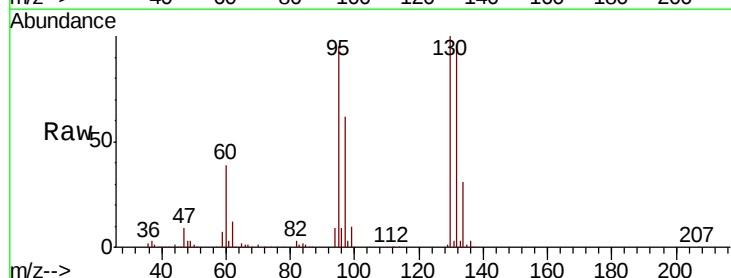
Ion	Ratio	Lower	Upper
95	100		
97	65.2	46.1	85.7
132	100.7	70.8	131.6
130	105.3	73.9	137.3

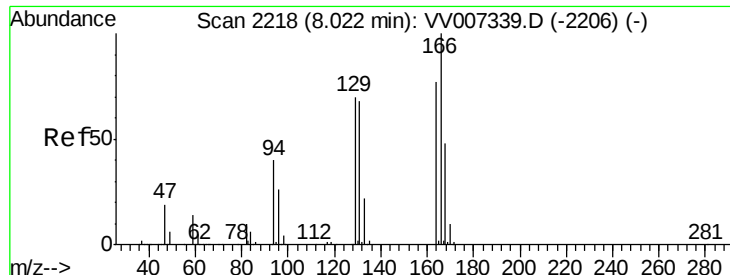
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 117.570 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV007346.D

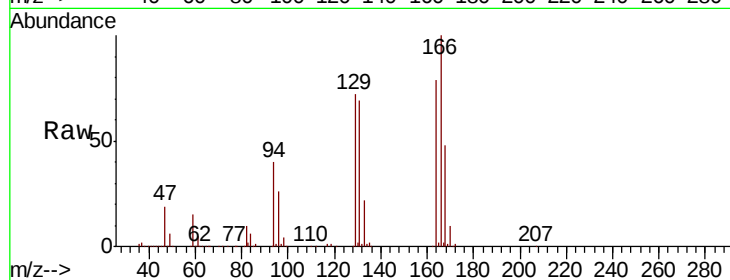
Acq: 04 Sep 2018 23:17

Instrument :

MSVOA_V

ClientSampleId :

BEE41



Tgt Ion:164 Resp: 370022

Ion Ratio Lower Upper

164 100

129 90.8 63.9 118.7

131 86.9 62.6 116.2

166 126.1 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

