

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\
 Data File : VV006927.D
 Acq On : 08 Aug 2018 04:51
 Operator : SY/MD
 Sample : J4357-13MSD
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWT0MSD

Quant Time: Aug 08 08:00:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 07:06:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	208155	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	197600	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76350	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82042	6.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.40%#
7) Chloroethane-d5	1.58	69	65985	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.13	63	132044	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	3.97	46	244394	61.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.74%
24) Chloroform-d	4.40	84	144420	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
26) 1,2-Dichloroethane-d4	5.09	65	81993	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.40%
32) Benzene-d6	5.10	84	277386	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
36) 1,2-Dichloropropane-d6	6.12	67	96760	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.37	98	212858	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.67	79	25366	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.15	63	126472	53.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	76566	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	75125	6.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.60%#

Target Compounds

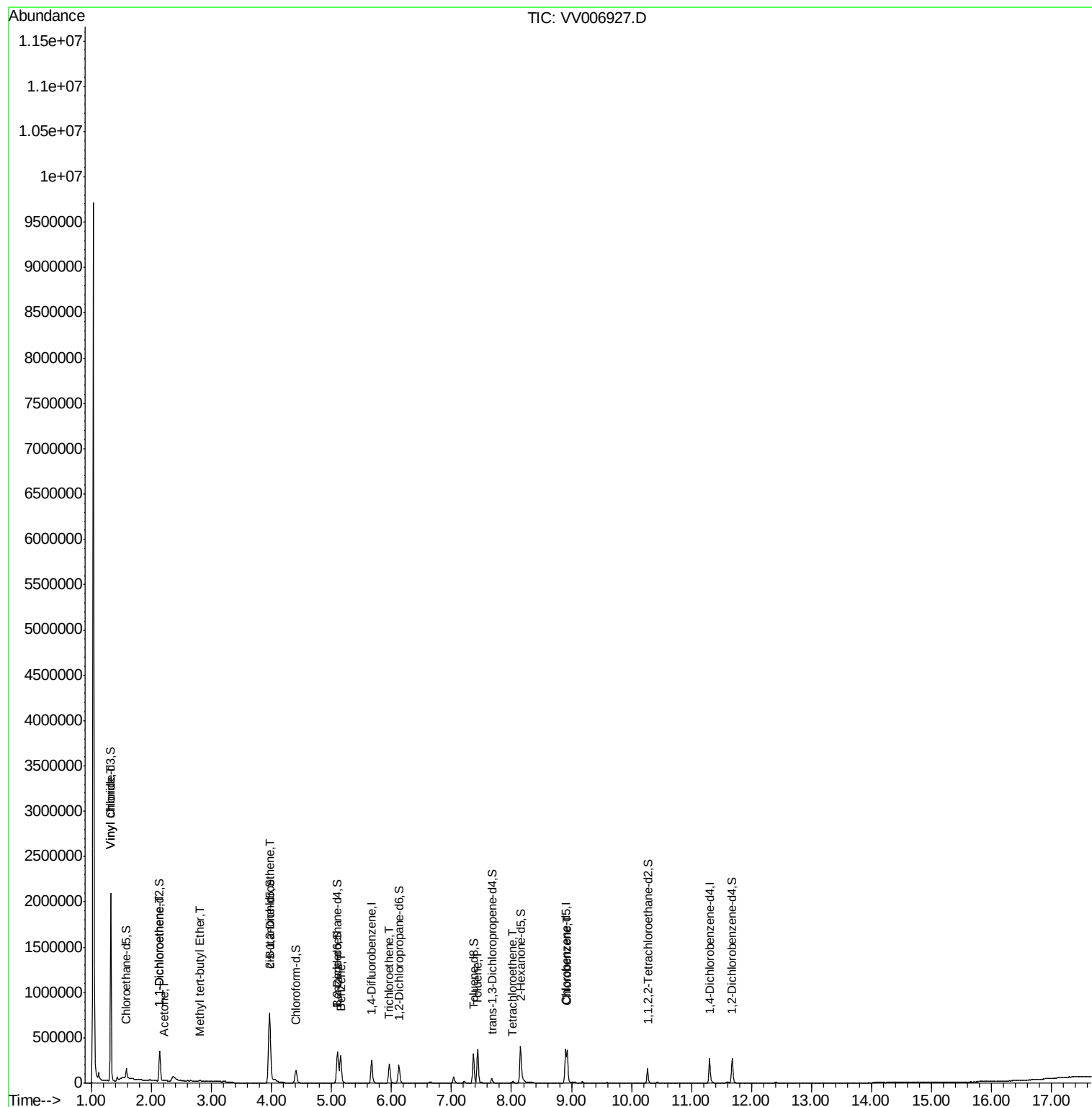
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	1211705	61.93	ug/L	98
12) 1,1-Dichloroethene	2.14	96	61687	4.48	ug/L	95
13) Acetone	2.21	43	7681	2.95	ug/L	97
17) Methyl tert-butyl Ether	2.82	73	8333	0.23	ug/L #	81
22) cis-1,2-Dichloroethene	3.97	96	350306	23.42	ug/L	100
33) Benzene	5.15	78	290483	4.77	ug/L	100
34) Trichloroethene	5.96	95	73910	5.21	ug/L	99
42) Toluene	7.44	91	261652	4.58	ug/L	98
47) Tetrachloroethene	8.02	164	4404	0.41	ug/L	94
51) Chlorobenzene	8.93	112	180910	5.20	ug/L	96

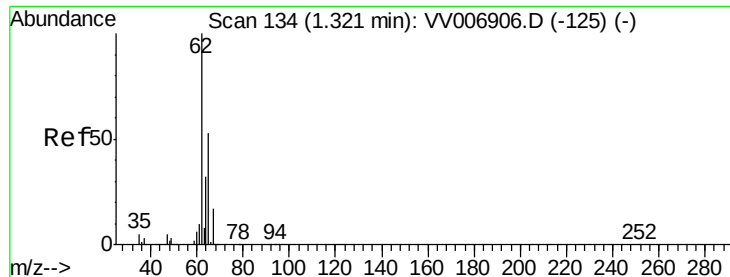
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 08 07:06:57 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 61.93 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006927.D

Acq: 08 Aug 2018 04:51

Instrument :

MSVOA_V

ClientSampleId :

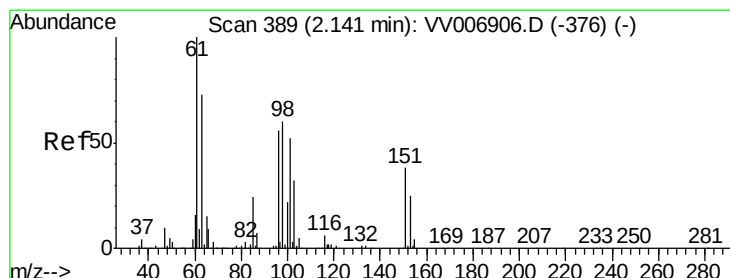
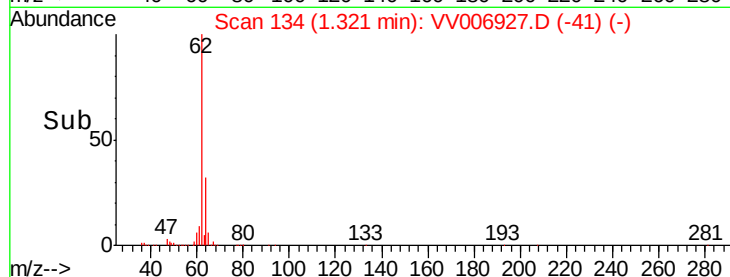
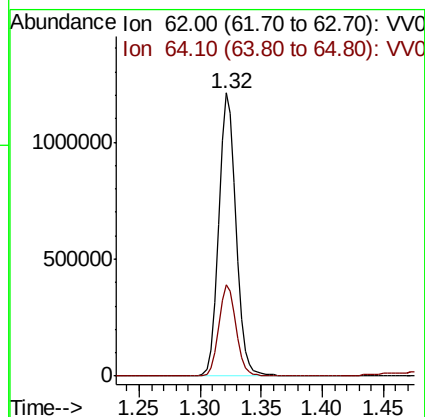
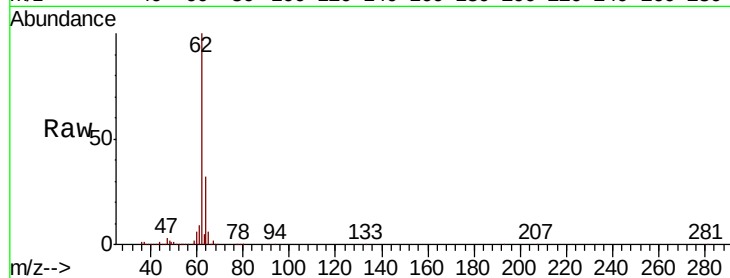
ESWT0MSD

Tot Ion: 62 Resp: 1211705

Ion Ratio Lower Upper

62 100

64 32.5 22.1 41.1



#12

1,1-Dichloroethene

Concen: 4.48 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006927.D

Acq: 08 Aug 2018 04:51

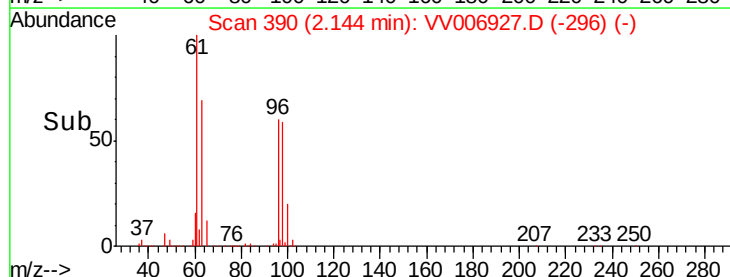
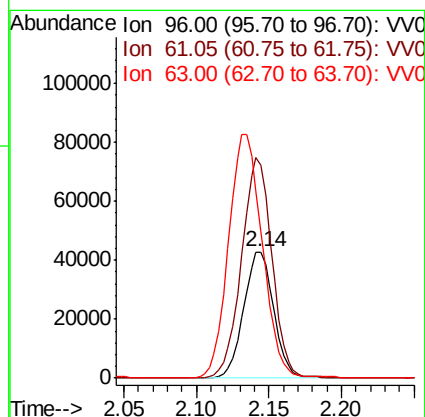
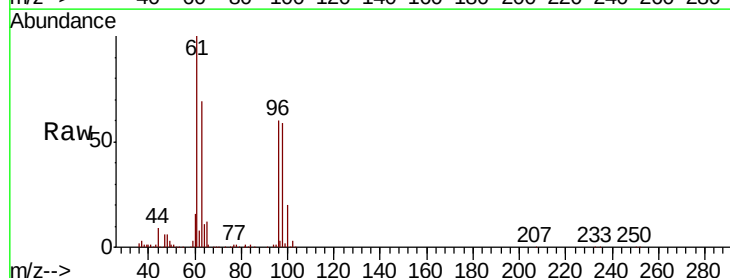
Tgt Ion: 96 Resp: 61687

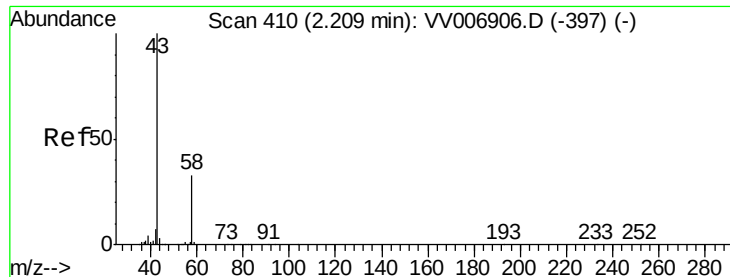
Ion Ratio Lower Upper

96 100

61 168.0 119.0 221.0

63 115.6 73.6 136.6





#13

Acetone

Concen: 2.95 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV006927.D

Acq: 08 Aug 2018 04:51

Instrument :

MSVOA_V

ClientSampleId :

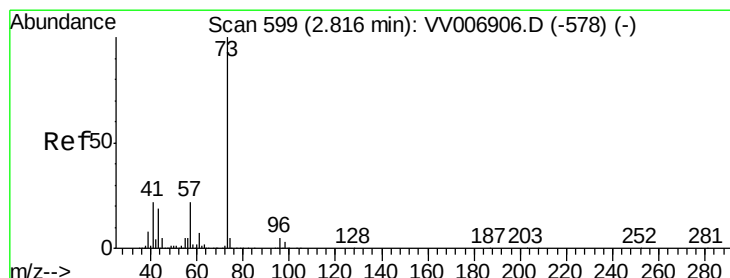
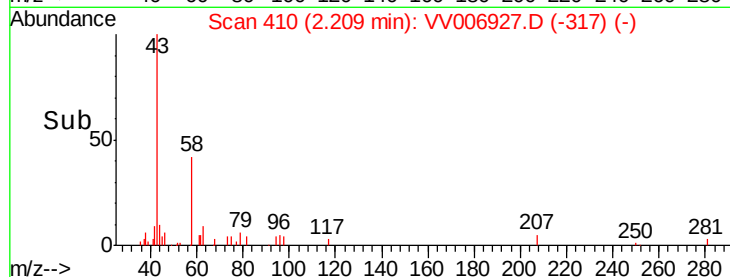
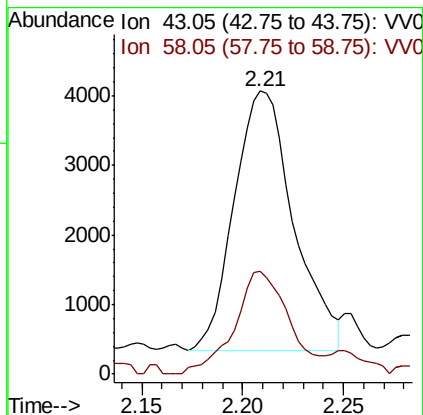
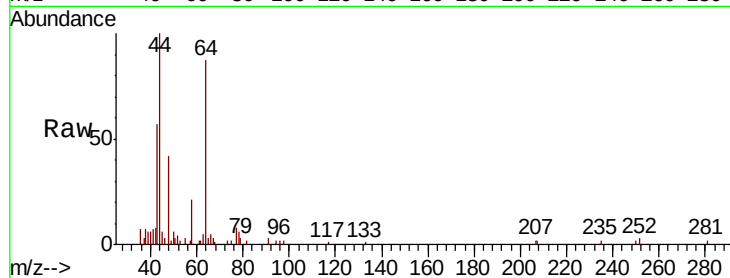
ESWT0MSD

Tot Ion: 43 Resp: 7681

Ion Ratio Lower Upper

43 100

58 35.8 0.0 68.0



#17

Methyl tert-butyl Ether

Concen: 0.23 ug/L

RT: 2.82 min Scan# 599

Delta R.T. -0.00 min

Lab File: VV006927.D

Acq: 08 Aug 2018 04:51

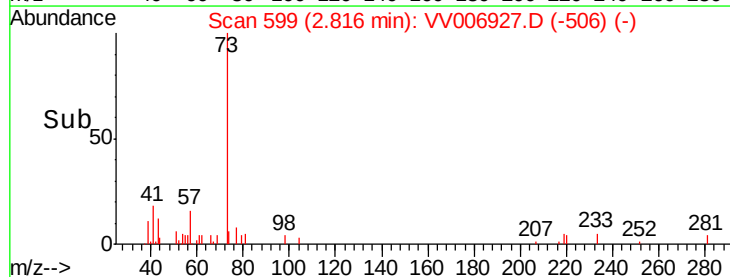
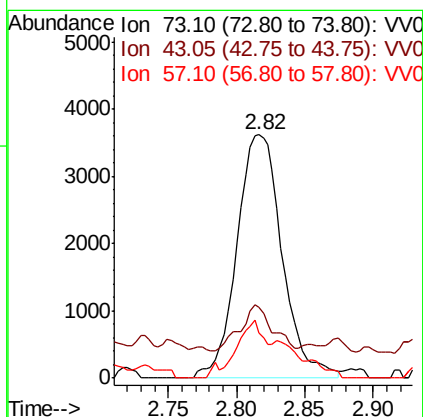
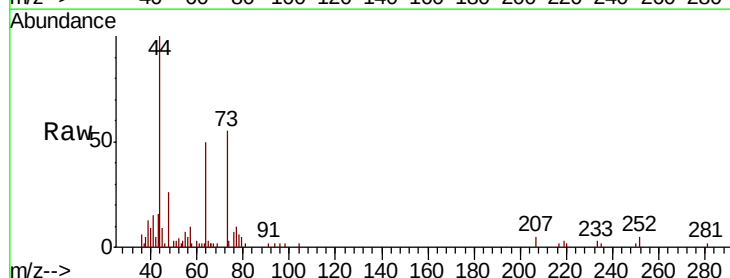
Tgt Ion: 73 Resp: 8333

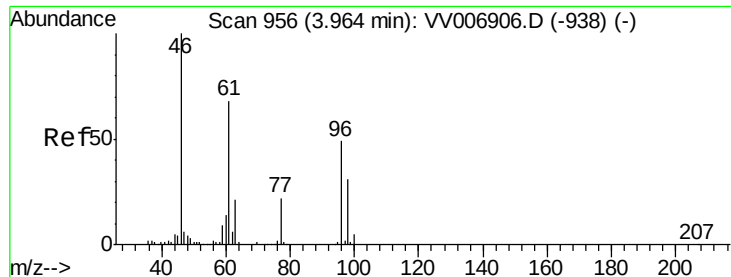
Ion Ratio Lower Upper

73 100

43 13.7 15.3 22.9#

57 11.4 18.8 28.2#





#22

cis-1,2-Dichloroethene

Concen: 23.42 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006927.D

Acq: 08 Aug 2018 04:51

Instrument :

MSVOA_V

ClientSampled :

ESWT0MSD

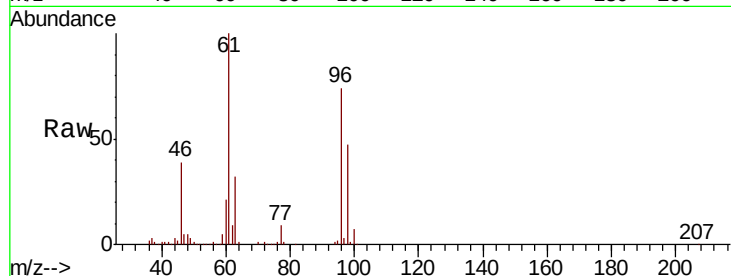
Tot Ion: 96 Resp: 350306

Ion Ratio Lower Upper

96 100

61 136.0 95.5 177.4

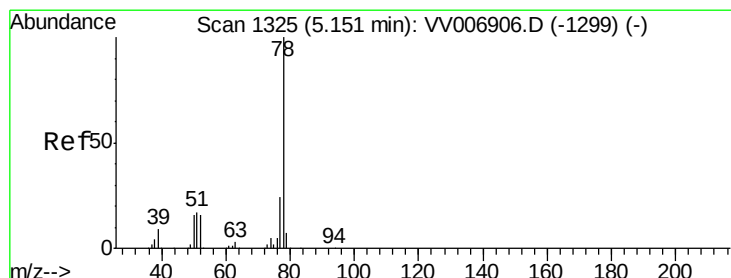
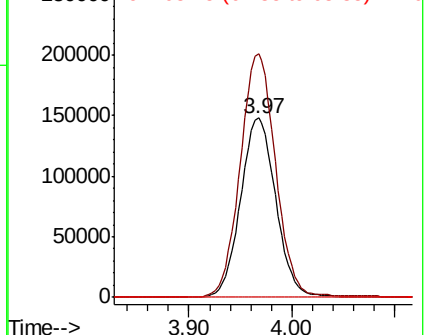
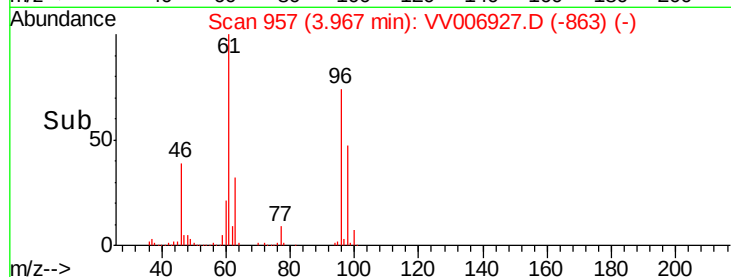
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006927.D (-1232) (-)

Ion 61.05 (60.75 to 61.75): VV006927.D (-1232) (-)

Ion 68.15 (67.85 to 68.85): VV006927.D (-1232) (-)



#33

Benzene

Concen: 4.77 ug/L

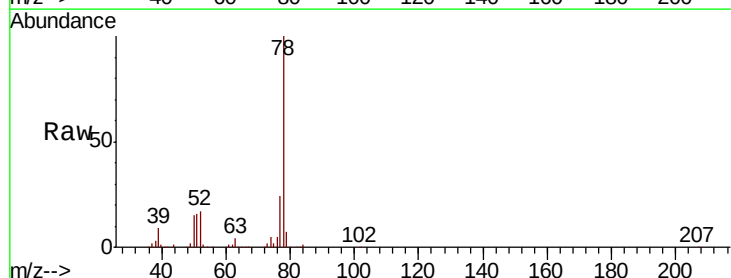
RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VV006927.D

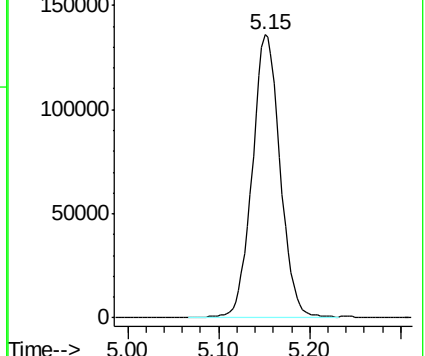
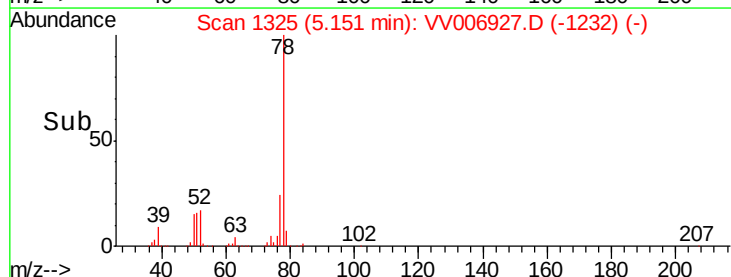
Acq: 08 Aug 2018 04:51

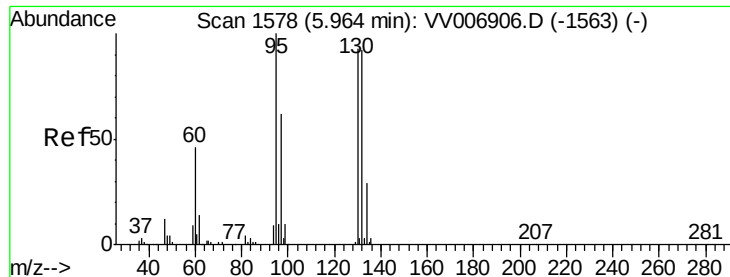
Tgt Ion: 78 Resp: 290483



Abundance Ion 78.10 (77.80 to 78.80): VV006927.D (-1232) (-)

Ion 78.10 (77.80 to 78.80): VV006927.D (-1232) (-)





#34

Trichloroethene

Concen: 5.21 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV006927.D

Acq: 08 Aug 2018 04:51

Instrument :

MSVOA_V

ClientSampleId :

ESWT0MSD

Tot Ion: 95 Resp: 73910

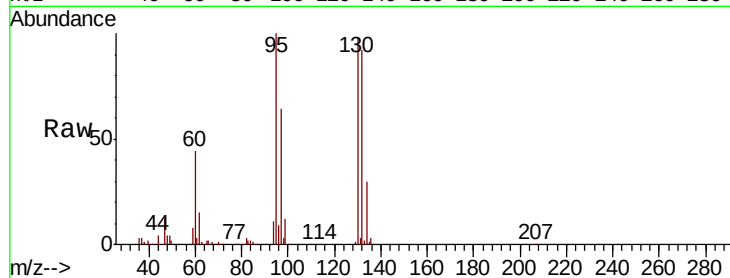
Ion Ratio Lower Upper

95 100

97 63.7 44.4 82.4

132 91.7 65.6 121.8

130 97.8 68.8 127.8

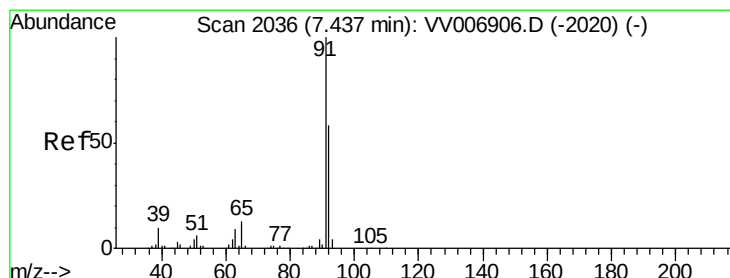
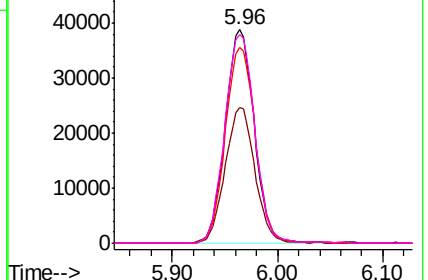
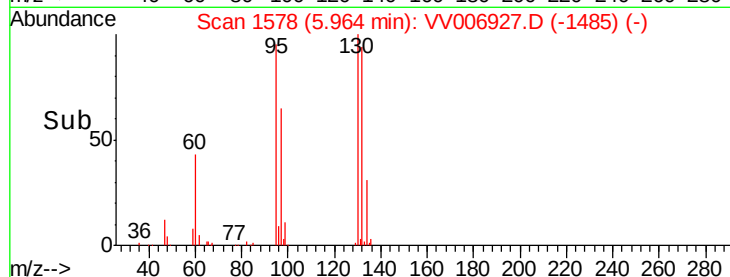


Abundance Ion 95.00 (94.70 to 95.70): VV006927.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VV006927.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VV006927.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VV006927.D (-1485) (-)



#42

Toluene

Concen: 4.58 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV006927.D

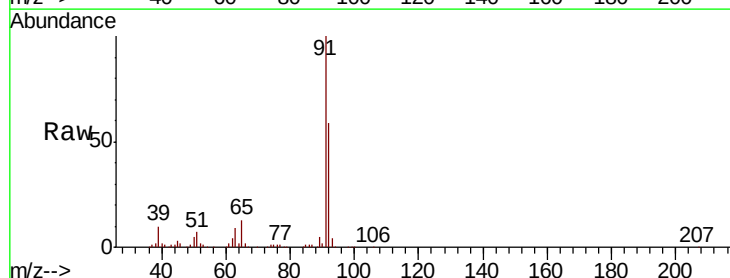
Acq: 08 Aug 2018 04:51

Tgt Ion: 91 Resp: 261652

Ion Ratio Lower Upper

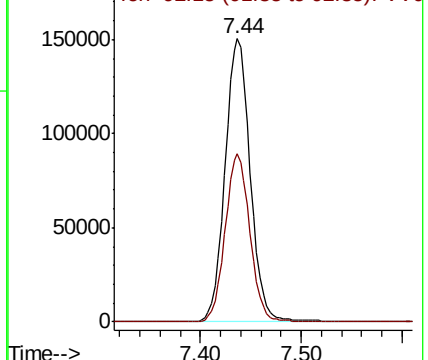
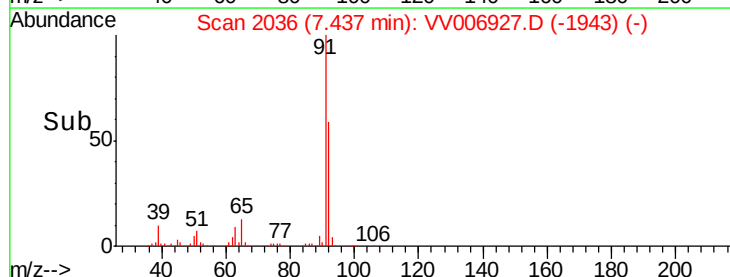
91 100

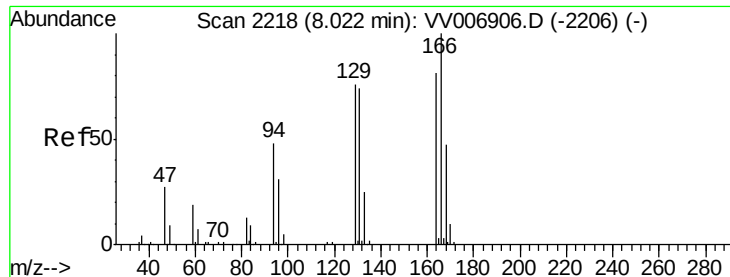
92 59.3 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VV006927.D (-1943) (-)

Ion 92.15 (91.85 to 92.85): VV006927.D (-1943) (-)





#47

Tetrachloroethene

Concen: 0.41 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006927.D

Acq: 08 Aug 2018 04:51

Instrument :

MSVOA_V

ClientSampleId :

ESWT0MSD

Tot Ion:164 Resp: 4404

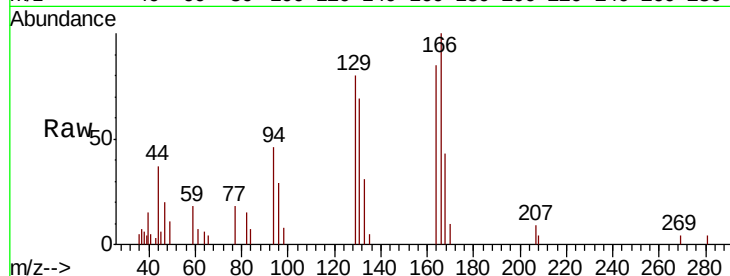
Ion Ratio Lower Upper

164 100

129 94.2 63.1 117.3

131 81.6 62.3 115.7

166 117.7 87.4 162.4

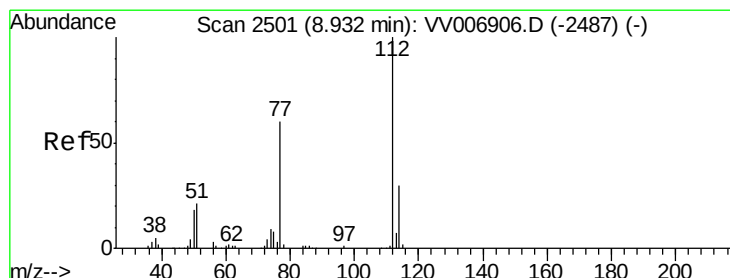
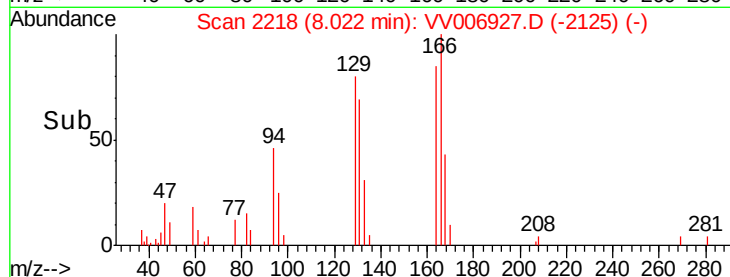
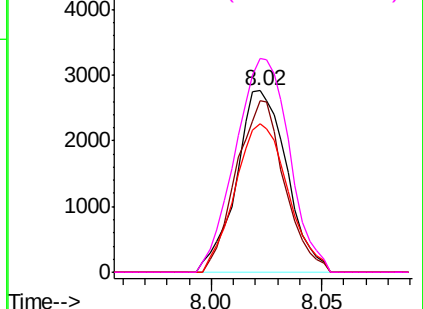


Abundance Ion 163.90 (163.60 to 164.60): V

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



#51

Chlorobenzene

Concen: 5.20 ug/L

RT: 8.93 min Scan# 2500

Delta R.T. -0.00 min

Lab File: VV006927.D

Acq: 08 Aug 2018 04:51

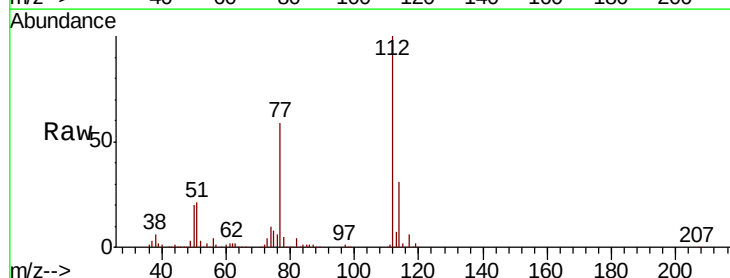
Tgt Ion:112 Resp: 180910

Ion Ratio Lower Upper

112 100

114 31.2 22.6 42.0

77 59.3 50.4 75.6



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

