

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103018\
 Data File : VV008481.D
 Acq On : 30 Oct 2018 20:30
 Operator : SY/MD
 Sample : J5716-20MSD
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBQ9MSD

Quant Time: Oct 31 08:34:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 31 07:14:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	180833	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	164340	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69931	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39722	39.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.34%
7) Chloroethane-d5	1.56	69	26698	36.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.86%
11) 1,1-Dichloroethene-d2	2.13	63	79496	43.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.92%
21) 2-Butanone-d5	3.94	46	102992	94.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.65%
24) Chloroform-d	4.41	84	109117	44.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.38%
26) 1,2-Dichloroethane-d4	5.09	65	77115	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
32) Benzene-d6	5.10	84	217835	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
36) 1,2-Dichloropropane-d6	6.12	67	76708	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.38%
41) Toluene-d8	7.36	98	193009	45.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.78%
43) trans-1,3-Dichloropropene-	7.67	79	35027	44.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.70%
47) 2-Hexanone-d5	8.14	63	80108	94.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	106516	48.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.76%
64) 1,2-Dichlorobenzene-d4	11.68	152	68683	48.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.02%

Target Compounds

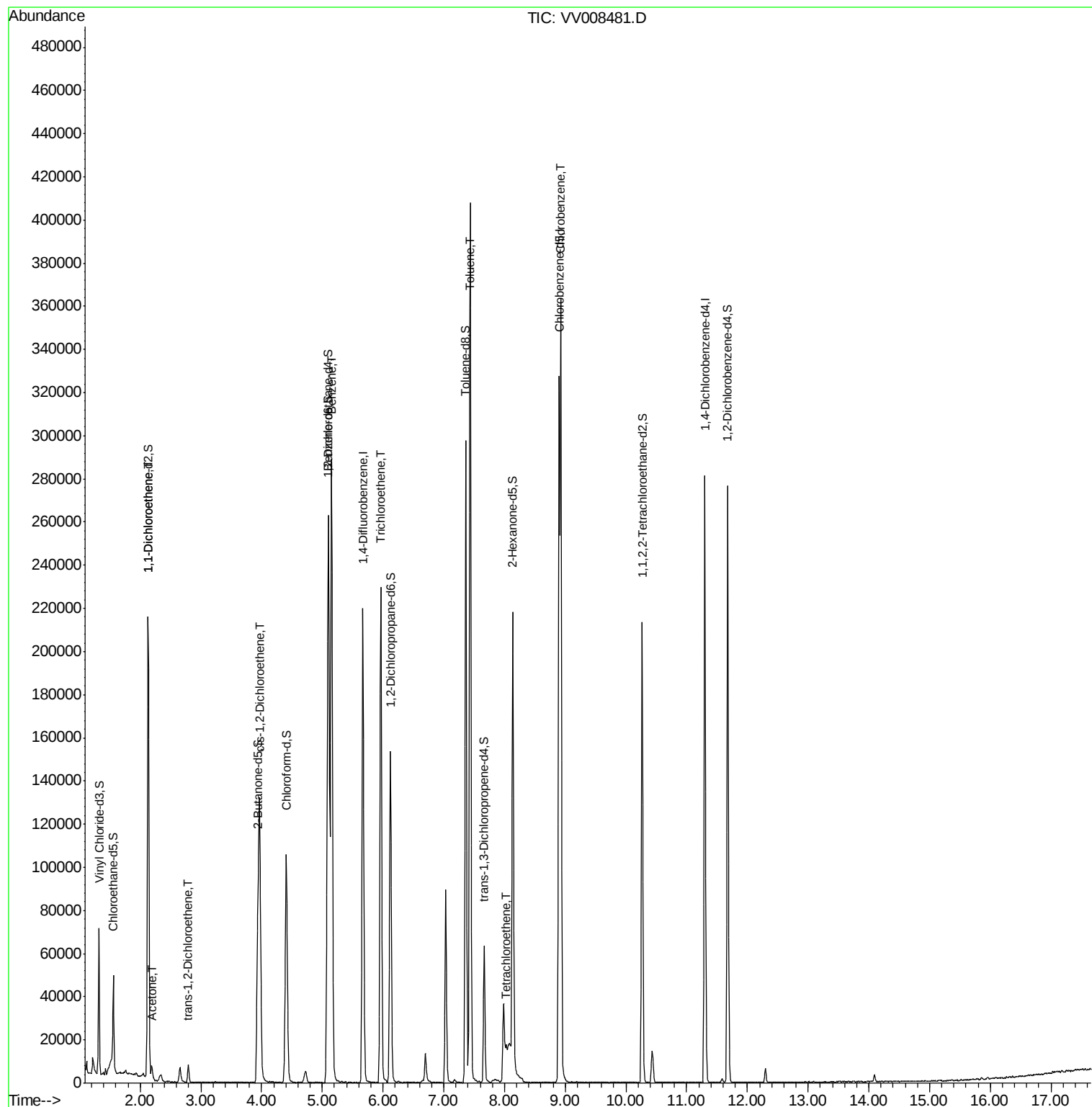
					Ovalue
12) 1,1-Dichloroethene	2.14	96	41990	51.752	ug/L 93
13) Acetone	2.19	43	4032	4.774	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	2831	2.289	ug/L 92
20) cis-1,2-Dichloroethene	3.97	96	62147	44.106	ug/L 94
33) Benzene	5.15	78	283581	52.789	ug/L 100
34) Trichloroethene	5.96	95	83220	60.509	ug/L 99
42) Toluene	7.43	91	291097	52.168	ug/L 98
46) Tetrachloroethene	8.02	164	1444	1.611	ug/L 94
51) Chlorobenzene	8.93	112	175691	51.135	ug/L 99

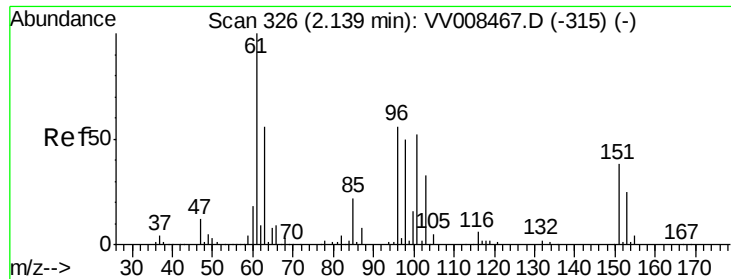
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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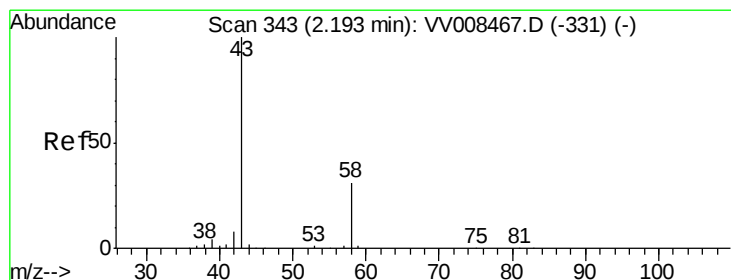
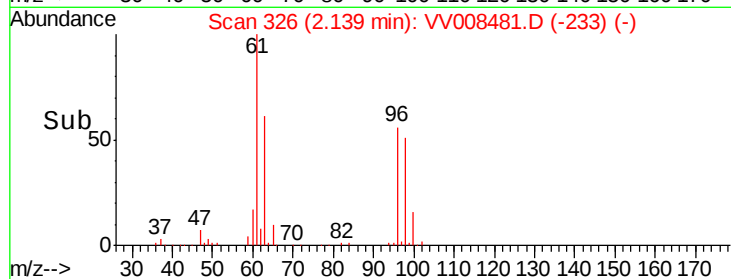
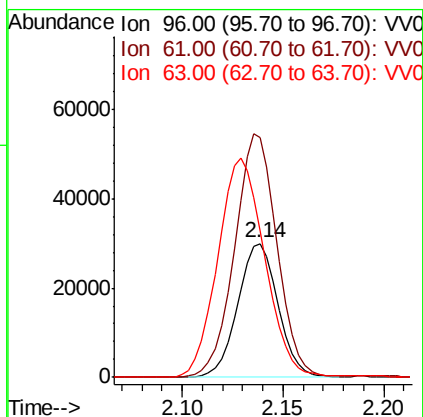
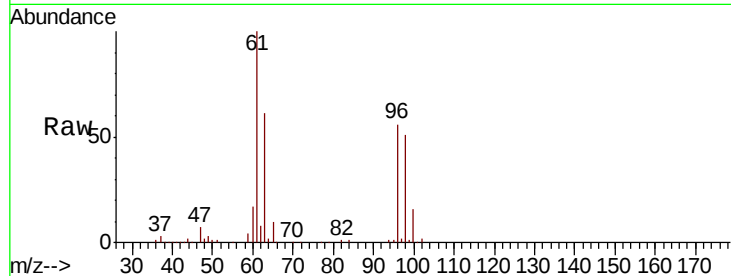




#12
 1,1-Dichloroethene
 Concen: 51.752 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VV008481.D
 Acq: 30 Oct 2018 20:30

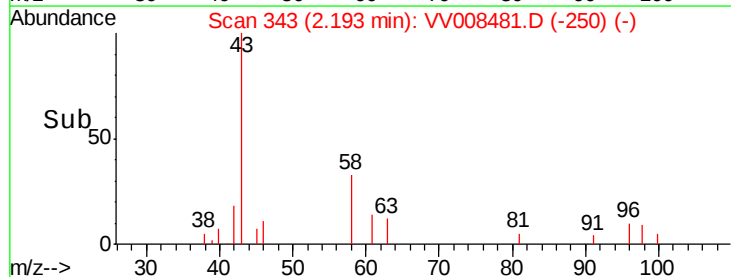
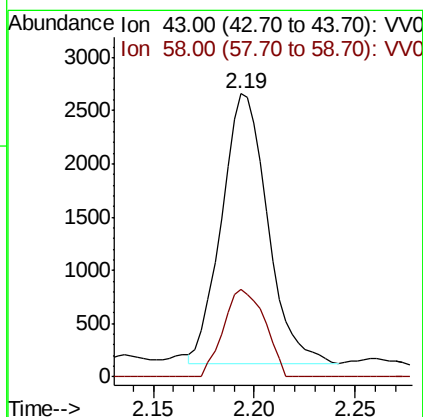
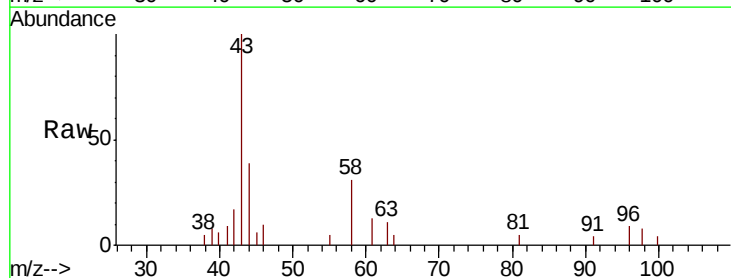
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBQ9MSD

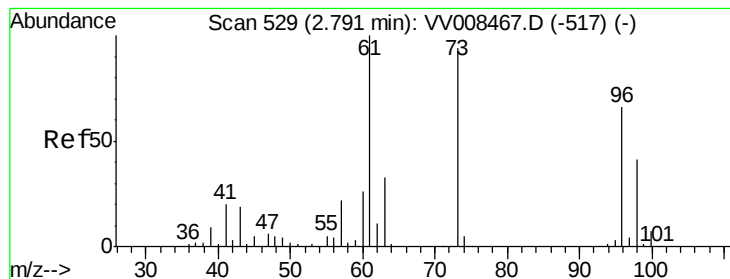
Tot Ion: 96 Resp: 41990
 Ion Ratio Lower Upper
 96 100
 61 179.1 130.3 242.1
 63 109.4 84.4 156.8



#13
 Acetone
 Concen: 4.774 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV008481.D
 Acq: 30 Oct 2018 20:30

Tgt Ion: 43 Resp: 4032
 Ion Ratio Lower Upper
 43 100
 58 29.2 0.0 61.4





#17

trans-1,2-Dichloroethene

Concen: 2.289 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV008481.D

Acq: 30 Oct 2018 20:30

Instrument :

MSVOA_V

ClientSampleId :

ETBQ9MSD

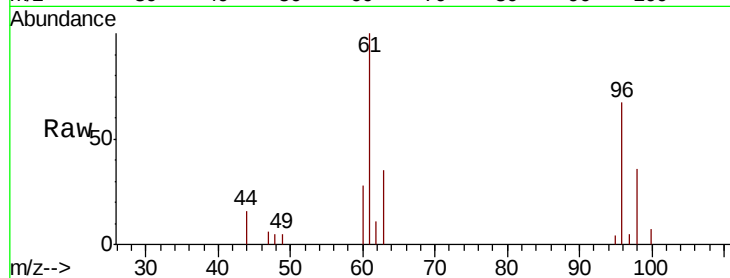
Tot Ion: 96 Resp: 2831

Ion Ratio Lower Upper

96 100

61 148.5 108.6 201.6

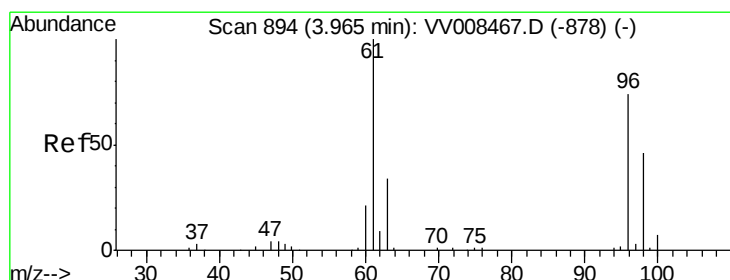
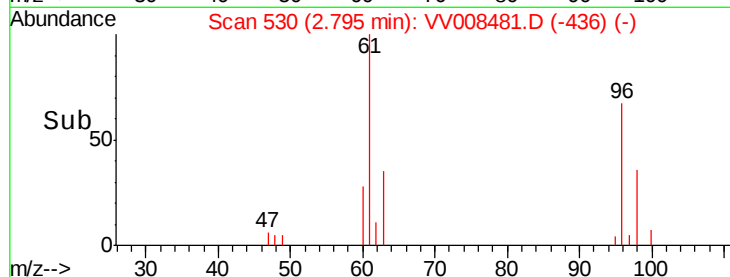
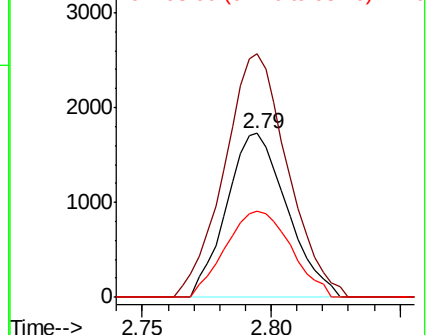
98 52.8 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VV008481.D (-436) (-)

Ion 61.00 (60.70 to 61.70): VV008481.D (-436) (-)

Ion 98.00 (97.70 to 98.70): VV008481.D (-436) (-)



#20

cis-1,2-Dichloroethene

Concen: 44.106 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008481.D

Acq: 30 Oct 2018 20:30

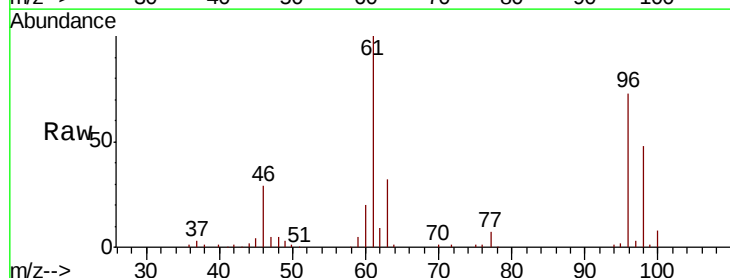
Tgt Ion: 96 Resp: 62147

Ion Ratio Lower Upper

96 100

61 136.9 100.9 187.5

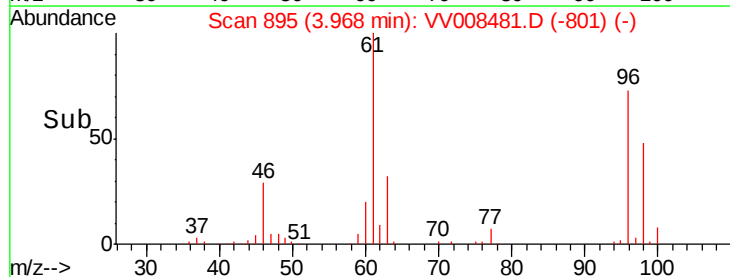
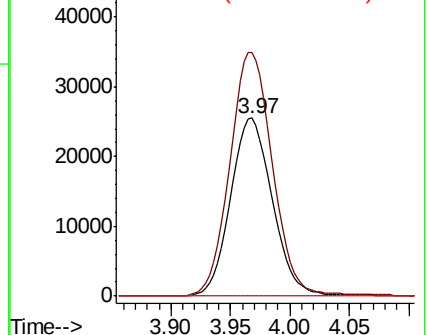
68 0.0 0.0 0.0

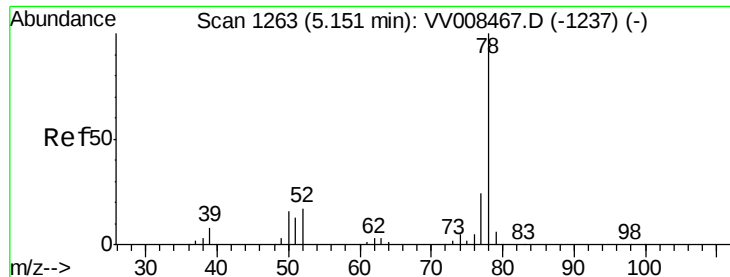


Abundance Ion 96.00 (95.70 to 96.70): VV008481.D (-801) (-)

Ion 61.00 (60.70 to 61.70): VV008481.D (-801) (-)

Ion 68.00 (67.70 to 68.70): VV008481.D (-801) (-)





#33

Benzene

Concen: 52.789 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VV008481.D

Acq: 30 Oct 2018 20:30

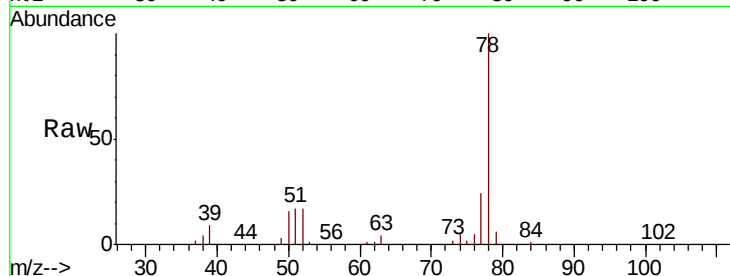
Instrument :

MSVOA_V

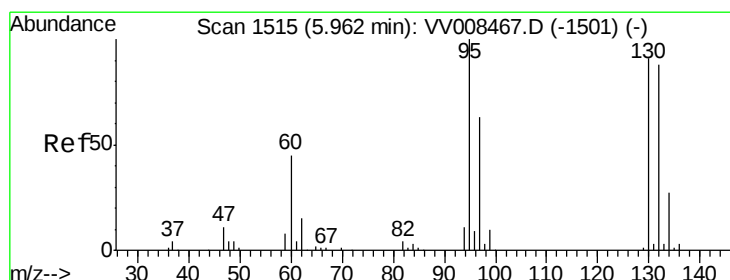
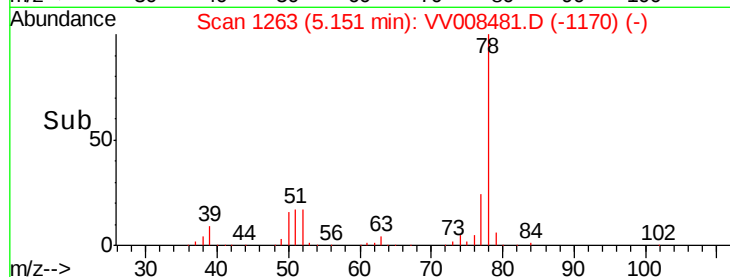
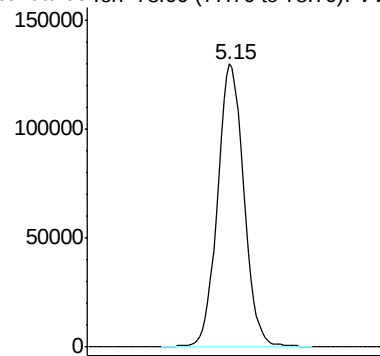
ClientSampleId :

ETBQ9MSD

Tgt Ion: 78 Resp: 283581



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 60.509 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008481.D

Acq: 30 Oct 2018 20:30

Tgt Ion: 95 Resp: 83220

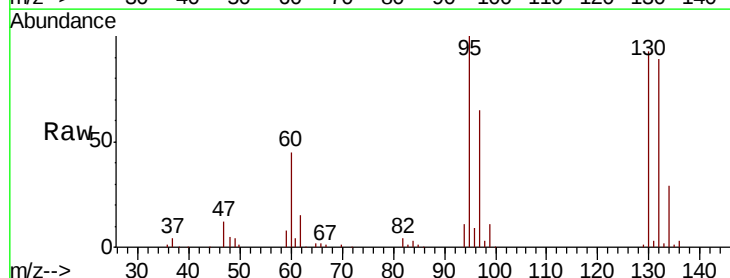
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.2	84.0
132	89.3	63.8	118.6
130	92.6	64.7	120.1

95 100

97 65.1 45.2 84.0

132 89.3 63.8 118.6

130 92.6 64.7 120.1

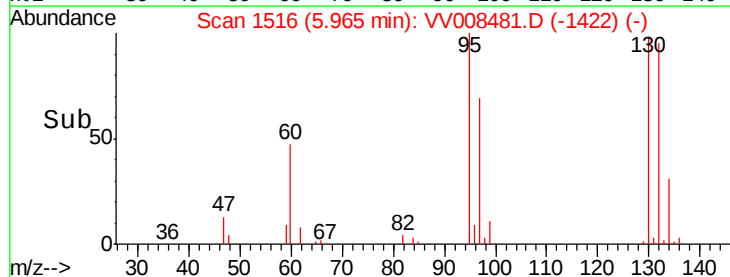
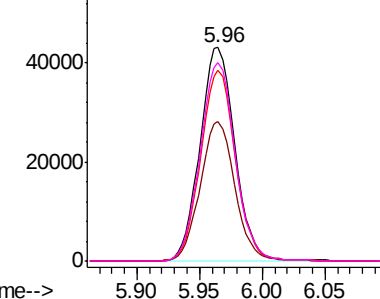


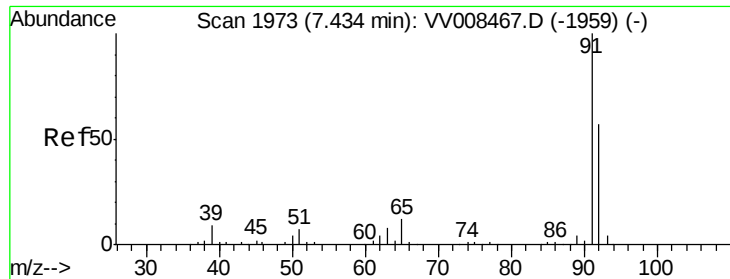
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





#42

Toluene

Concen: 52.168 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008481.D

Acq: 30 Oct 2018 20:30

Instrument :

MSVOA_V

ClientSampleId :

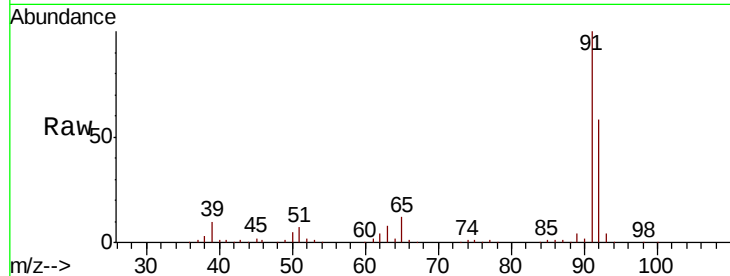
ETBQ9MSD

Tot Ion: 91 Resp: 291097

Ion Ratio Lower Upper

91 100

92 57.6 39.5 73.4



Abundance Ion 91.00 (90.70 to 91.70): VV008481.D (-2062) (-)

Ion 92.00 (91.70 to 92.70): VV008481.D (-2062) (-)

7.43

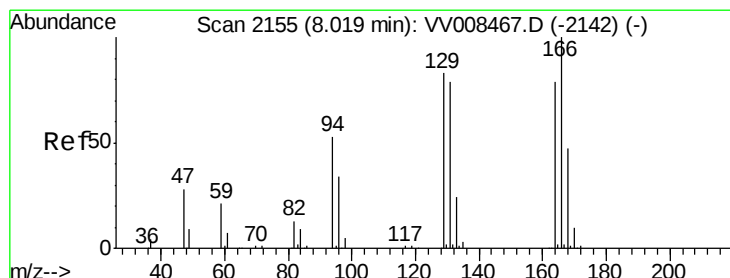
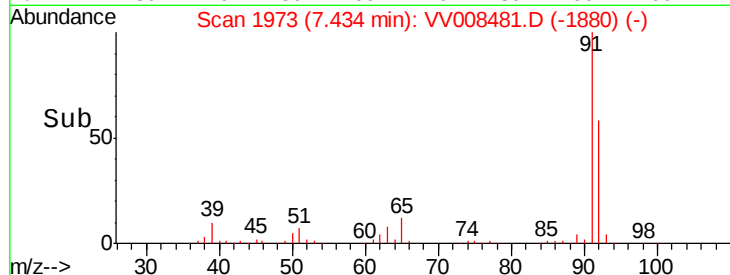
150000

100000

50000

0

Time-->



#46

Tetrachloroethene

Concen: 1.611 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008481.D

Acq: 30 Oct 2018 20:30

Tgt Ion:164 Resp: 1444

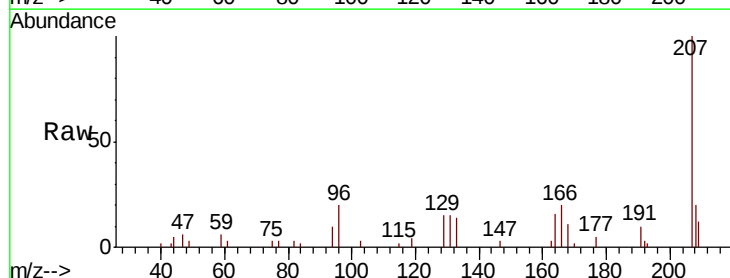
Ion Ratio Lower Upper

164 100

129 94.6 75.0 139.2

131 96.3 71.3 132.3

166 129.2 89.2 165.6



Abundance Ion 164.00 (163.70 to 164.70): VV008481.D (-2062) (-)

Ion 129.00 (128.70 to 129.70): VV008481.D (-2062) (-)

Ion 131.00 (130.70 to 131.70): VV008481.D (-2062) (-)

Ion 166.00 (165.70 to 166.70): VV008481.D (-2062) (-)

8.02

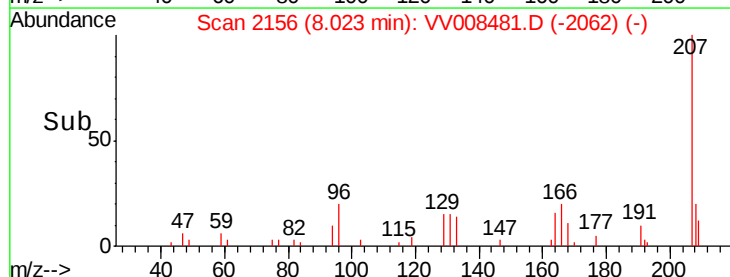
1500

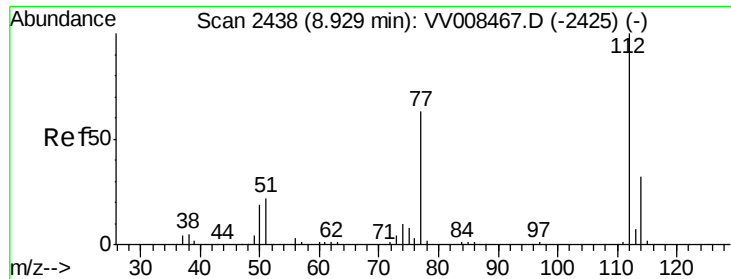
1000

500

0

Time-->

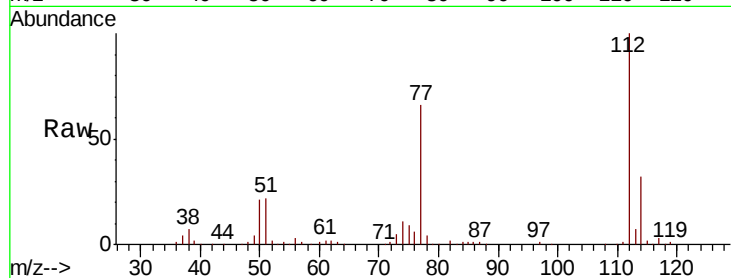




#51
 Chlorobenzene
 Concen: 51.135 ug/L
 RT: 8.93 min Scan# 2438
 Delta R.T. 0.00 min
 Lab File: VV008481.D
 Acq: 30 Oct 2018 20:30

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBQ9MSD

Tot Ion:	112	Resp:	175691
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.5	41.7
77	65.6	52.0	78.0



Abundance Ion 112.00 (111.70 to 112.70): V
 Ion 114.00 (113.70 to 114.70): V
 Ion 77.00 (76.70 to 77.70): V

