

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007817.D
 Acq On : 24 Sep 2018 15:32
 Operator : SY/MD
 Sample : J5045-04MS
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FE3MS

Quant Time: Sep 25 03:08:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 02:11:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	154600	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	152933	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80477	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44250	52.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.32%
7) Chloroethane-d5	1.59	69	47759	62.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.10%
11) 1,1-Dichloroethene-d2	2.14	63	115281	58.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	116.38%
21) 2-Butanone-d5	3.95	46	72109	129.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.94%
24) Chloroform-d	4.41	84	108463	60.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.58%
26) 1,2-Dichloroethane-d4	5.09	65	74091	64.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.14%#
32) Benzene-d6	5.11	84	213177	60.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.28%
36) 1,2-Dichloropropane-d6	6.13	67	65247	62.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	125.70%#
41) Toluene-d8	7.37	98	219484	59.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.50%
43) trans-1,3-Dichloropropene-	7.67	79	30680	58.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.24%
47) 2-Hexanone-d5	8.14	63	55167	120.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	101310	62.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	125.04%#
64) 1,2-Dichlorobenzene-d4	11.68	152	105100	63.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	126.98%#

Target Compounds

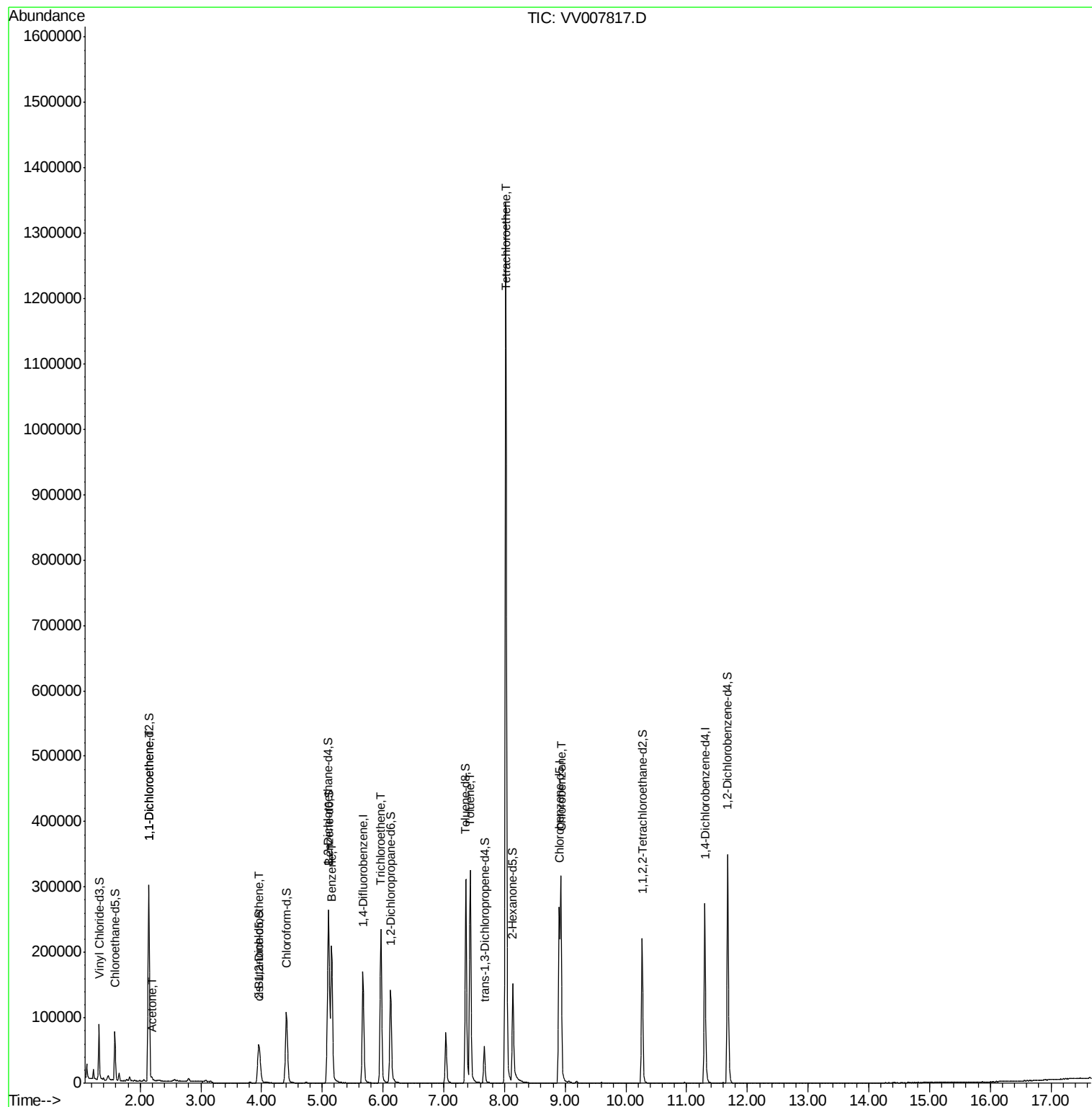
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.15	96	57995	56.558	ug/L	98
13) Acetone	2.19	43	2115	3.611	ug/L	90
20) cis-1,2-Dichloroethene	3.97	96	15859	15.286	ug/L	97
33) Benzene	5.15	78	203806	55.635	ug/L	100
34) Trichloroethene	5.96	95	75786	69.953	ug/L	98
42) Toluene	7.44	91	242583	55.866	ug/L	99
46) Tetrachloroethene	8.02	164	319828	288.440	ug/L	99
51) Chlorobenzene	8.93	112	169514	54.196	ug/L	98

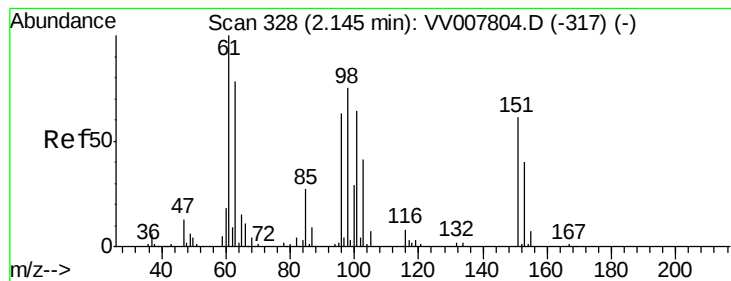
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 25 02:11:24 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 56.558 ug/L

RT: 2.15 min Scan# 329

Delta R.T. 0.00 min

Lab File: VV007817.D

Acq: 24 Sep 2018 15:32

Instrument :

MSVOA_V

ClientSampleId :

E5FE3MS

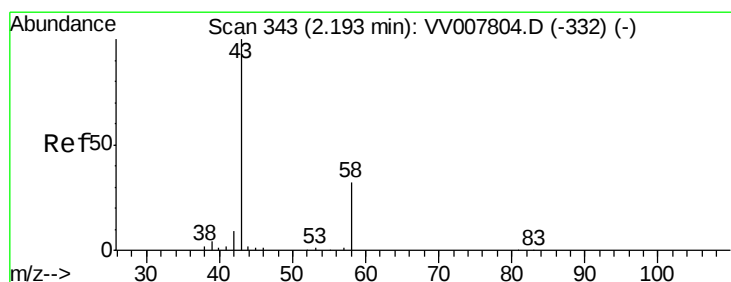
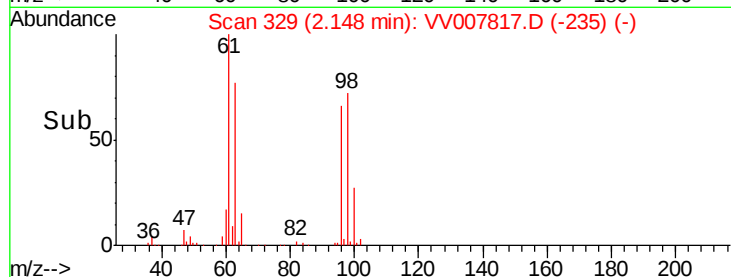
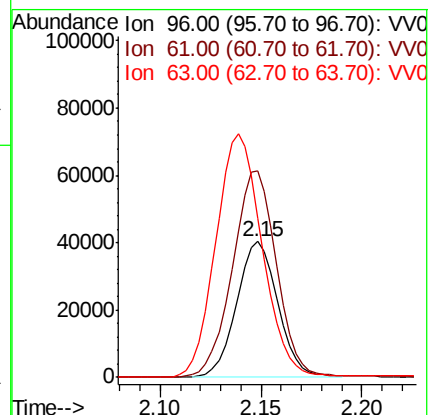
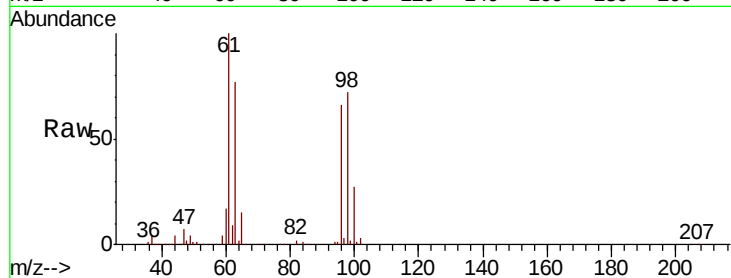
Tot Ion: 96 Resp: 57995

Ion Ratio Lower Upper

96 100

61 152.4 107.3 199.3

63 117.7 78.8 146.4



#13

Acetone

Concen: 3.611 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV007817.D

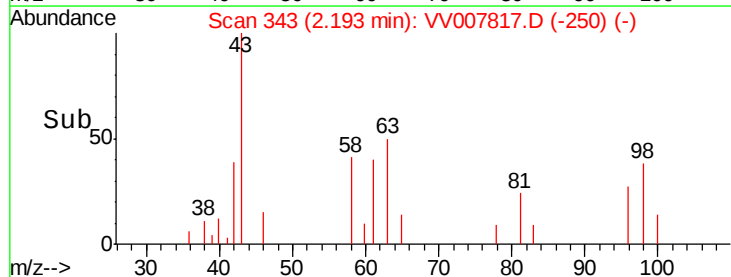
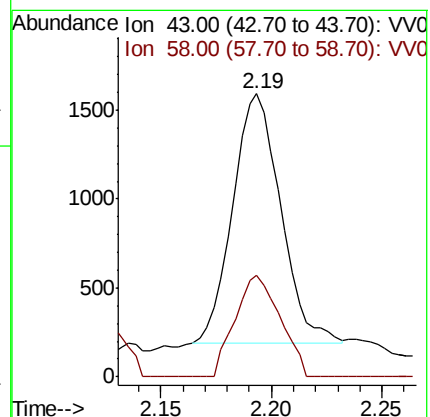
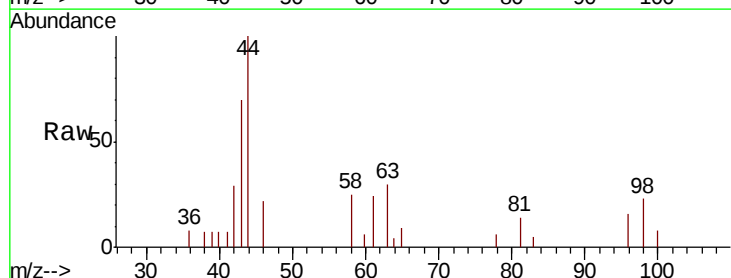
Acq: 24 Sep 2018 15:32

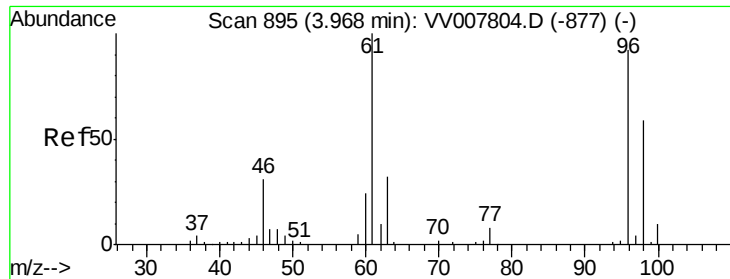
Tgt Ion: 43 Resp: 2115

Ion Ratio Lower Upper

43 100

58 38.1 0.0 65.2

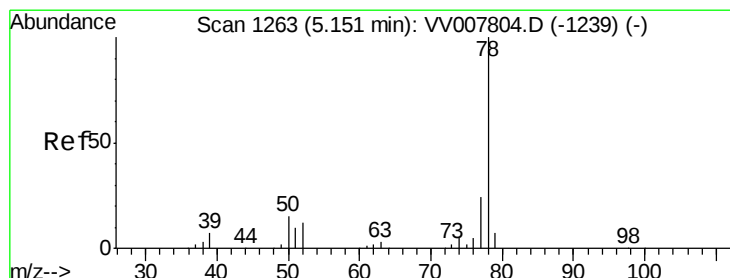
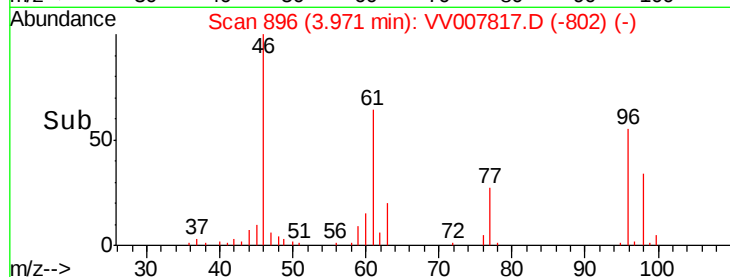
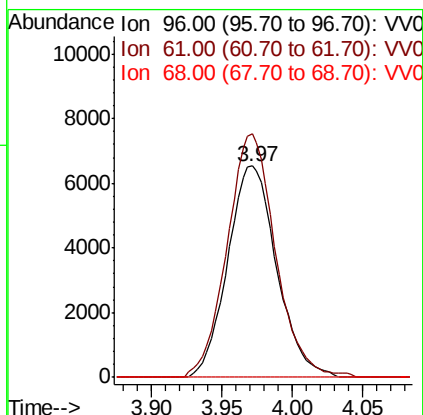
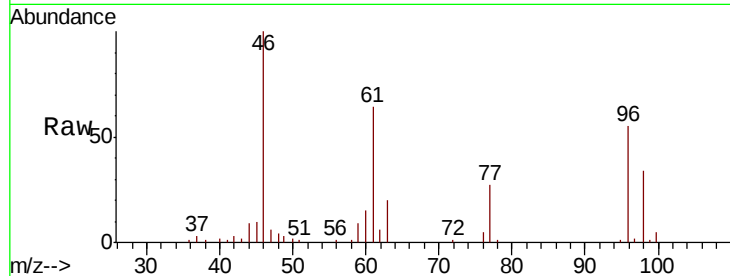




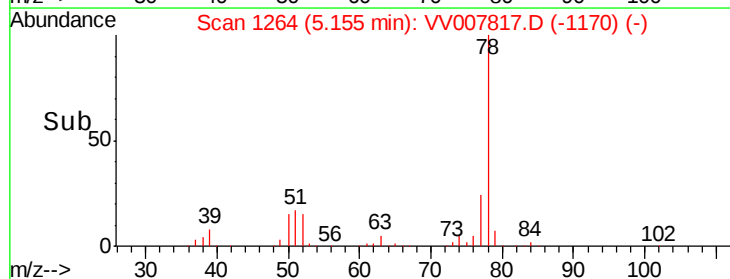
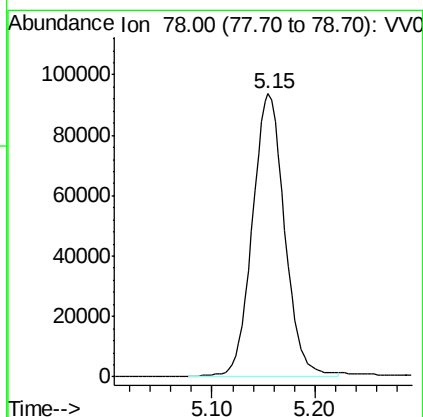
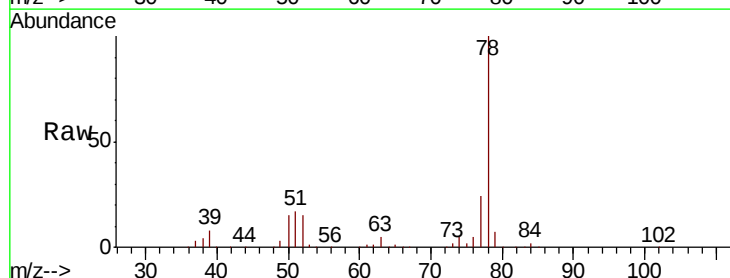
#20
 cis-1,2-Dichloroethene
 Concen: 15.286 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: VV007817.D
 Acq: 24 Sep 2018 15:32

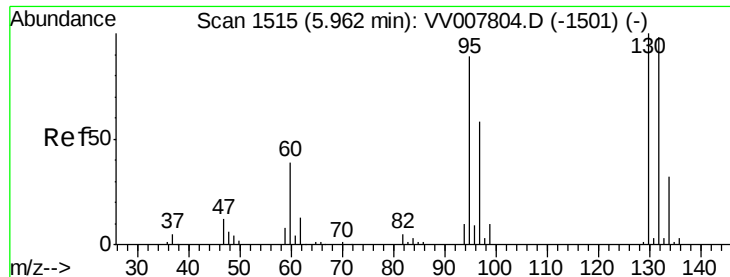
Instrument :
 MSVOA_V
 ClientSampleId :
 E5FE3MS

Tot Ion: 96 Resp: 15859
 Ion Ratio Lower Upper
 96 100
 61 115.4 78.8 146.3
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 55.635 ug/L
 RT: 5.15 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: VV007817.D
 Acq: 24 Sep 2018 15:32
 Tgt Ion: 78 Resp: 203806

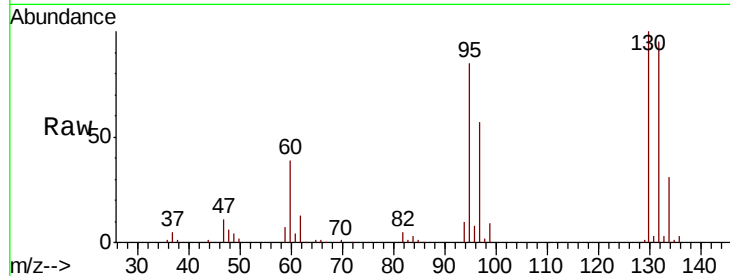




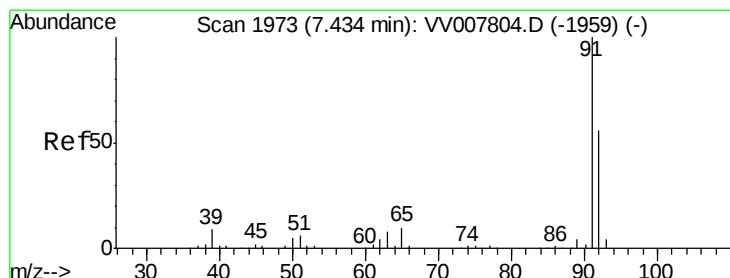
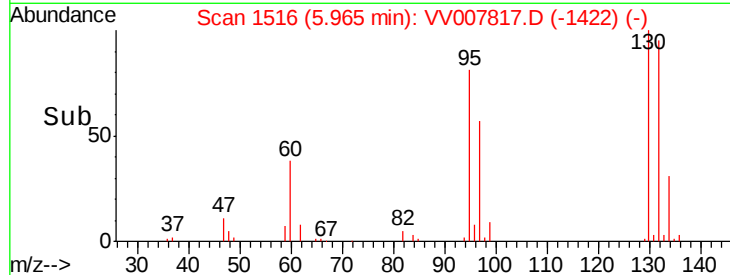
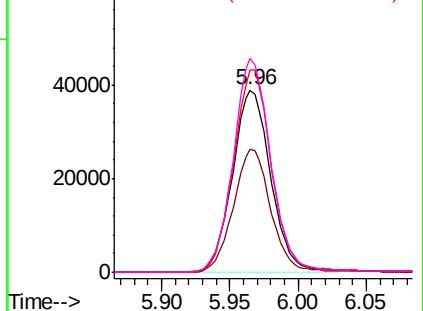
#34
 Trichloroethene
 Concen: 69.953 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007817.D
 Acq: 24 Sep 2018 15:32

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FE3MS

Tot Ion: 95 Resp: 75786
 Ion Ratio Lower Upper
 95 100
 97 67.5 45.2 84.0
 132 111.1 77.7 144.3
 130 117.4 79.7 148.1

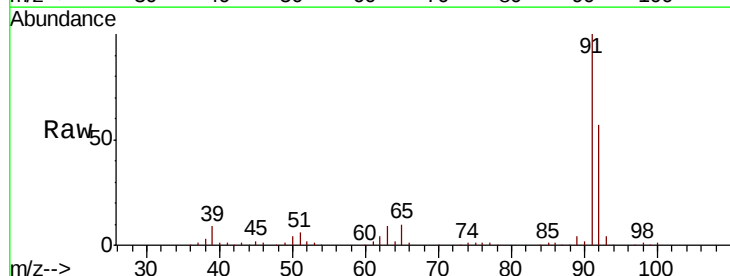


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

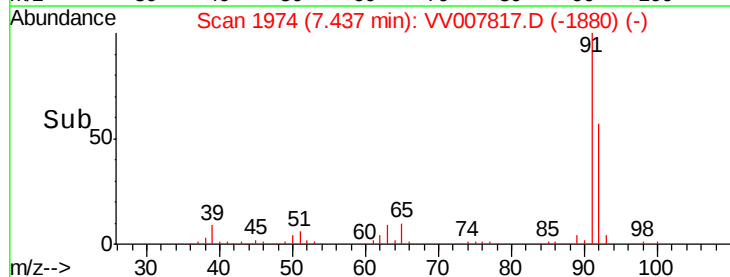
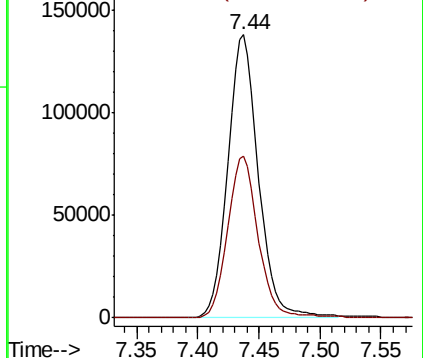


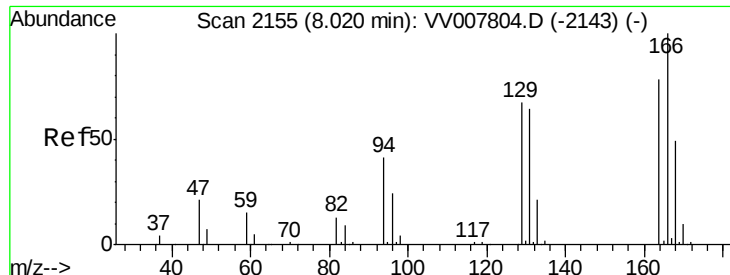
#42
 Toluene
 Concen: 55.866 ug/L
 RT: 7.44 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VV007817.D
 Acq: 24 Sep 2018 15:32

Tgt Ion: 91 Resp: 242583
 Ion Ratio Lower Upper
 91 100
 92 57.4 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VV0
 Ion 92.00 (91.70 to 92.70): VV0





#46

Tetrachloroethene

Concen: 288.440 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007817.D

Acq: 24 Sep 2018 15:32

Instrument :

MSVOA_V

ClientSampleId :

E5FE3MS

Tot Ion:164 Resp: 319828

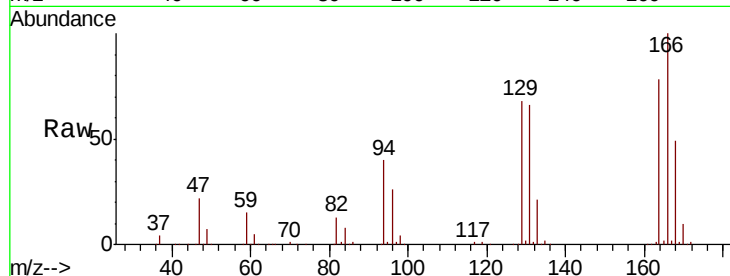
Ion Ratio Lower Upper

164 100

129 87.0 61.0 113.4

131 83.7 57.8 107.4

166 127.6 89.9 167.0

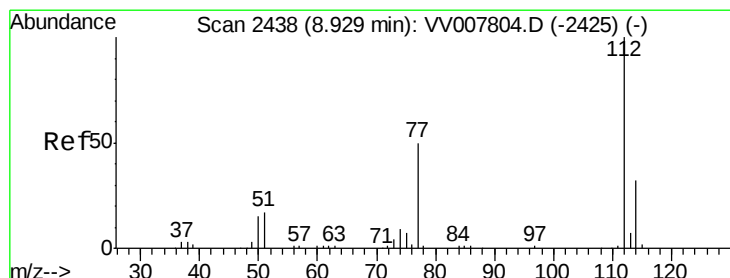
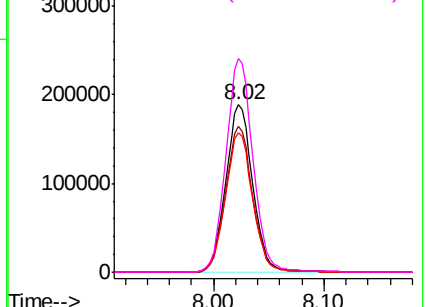
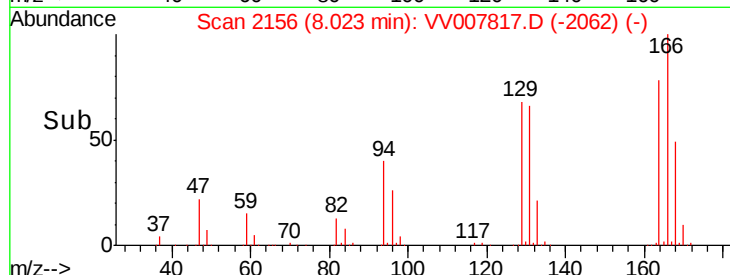


Abundance Ion 164.00 (163.70 to 164.70): V

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



#51

Chlorobenzene

Concen: 54.196 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. -0.00 min

Lab File: VV007817.D

Acq: 24 Sep 2018 15:32

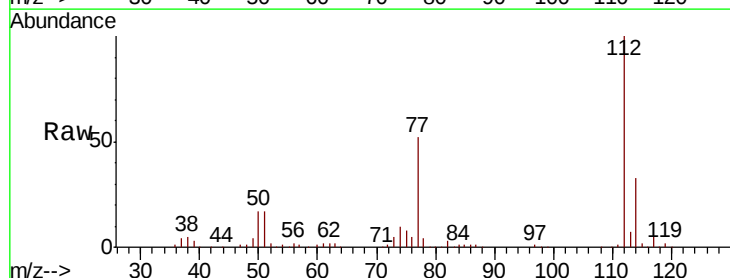
Tgt Ion:112 Resp: 169514

Ion Ratio Lower Upper

112 100

114 32.7 22.3 41.3

77 51.8 40.6 60.8



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): VV0

