

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062119\
 Data File : VV011642.D
 Acq On : 20 Jun 2019 15:09
 Operator : SY/MD
 Sample : K3386-17
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMAO

Quant Time: Jun 21 02:18:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 21 01:58:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	169800	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	151933	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60305	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59777	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.58	69	40075	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.12	63	103486	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	3.95	46	160052	53.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.82%
24) Chloroform-d	4.40	84	111806	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.08	65	65823	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.09	84	228366	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.12	67	74078	5.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.60%
41) Toluene-d8	7.36	98	193258	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.66	79	21674	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.14	63	120452	56.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47806	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	62352	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

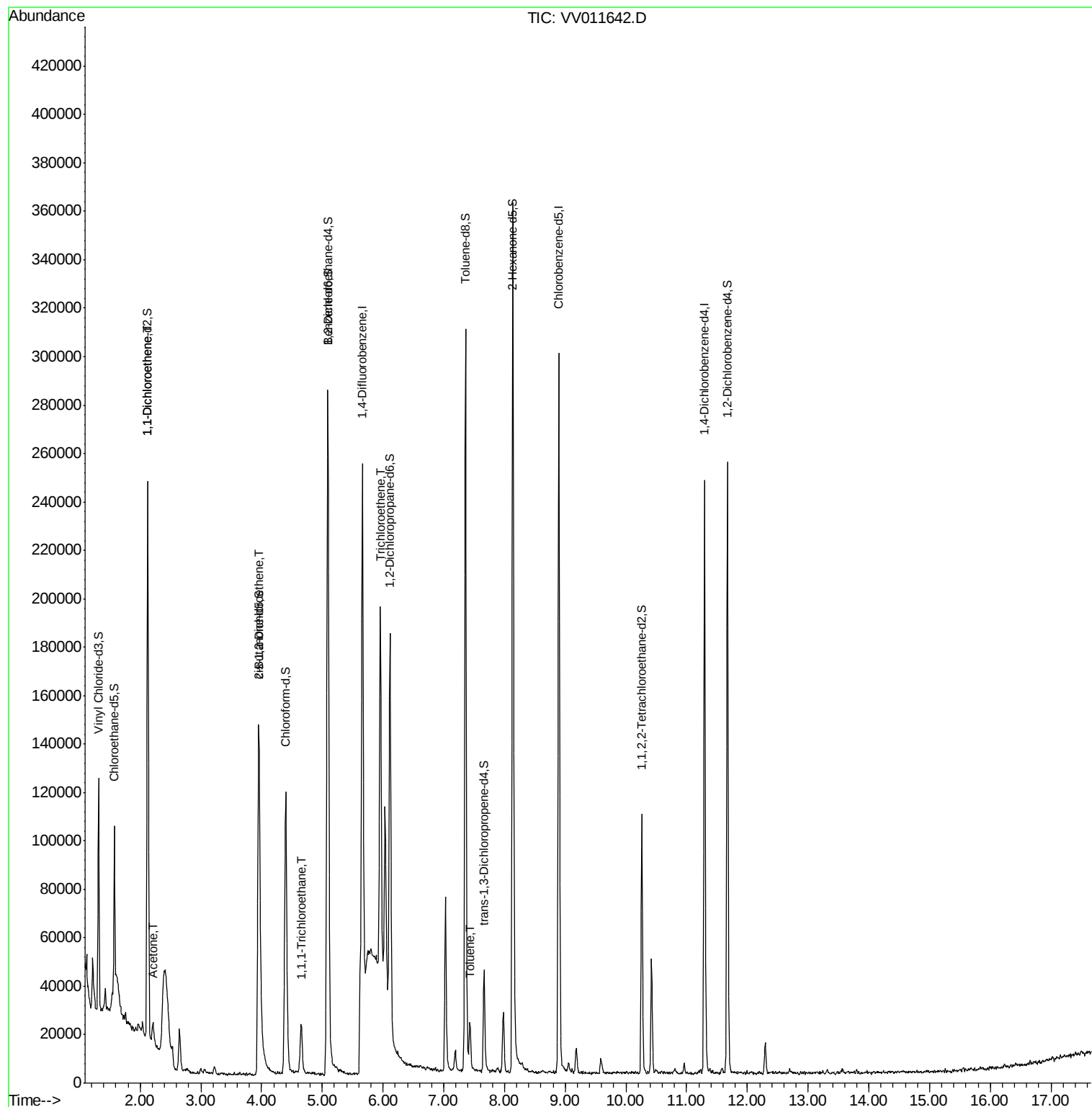
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	31940	3.039	ug/L #	83
13) Acetone	2.21	43	12725	5.934	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	32236	2.374	ug/L #	94
29) 1,1,1-Trichloroethane	4.65	97	15028	0.768	ug/L	99
34) Trichloroethene	5.96	95	49154	3.680	ug/L	97
42) Toluene	7.43	91	12589	0.239	ug/L	97

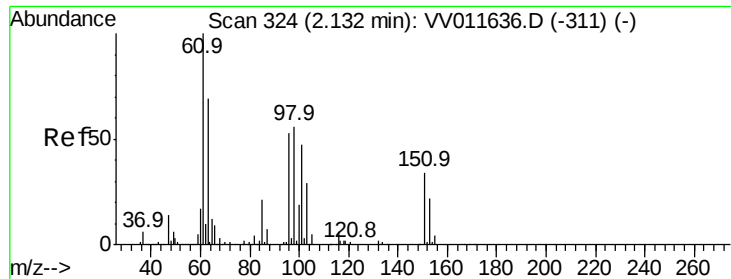
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.039 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

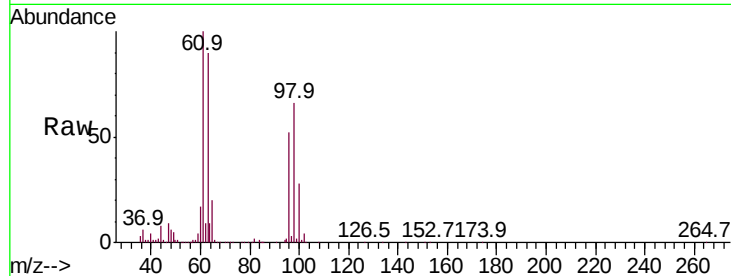
Lab File: VV011642.D

Acq: 20 Jun 2019 15:09

Instrument :
MSVOA_V
ClientSampleId :
COMAO

Tot Ion: 96 Resp: 31940

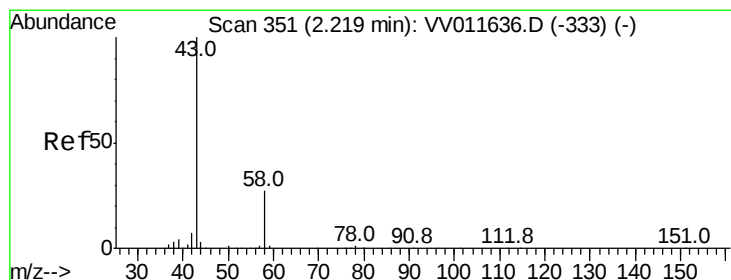
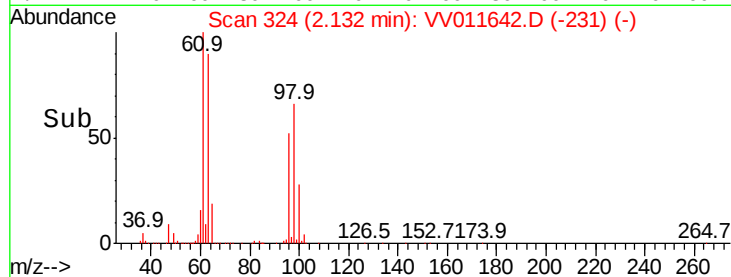
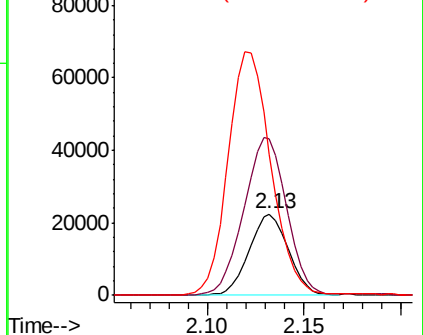
Ion	Ratio	Lower	Upper
96	100		
61	192.1	131.5	244.1
63	173.6	91.8	170.4



Abundance Ion 96.00 (95.70 to 96.70): VV011636.D (-311) (-)

Ion 61.05 (60.75 to 61.75): VV011636.D (-311) (-)

Ion 63.00 (62.70 to 63.70): VV011636.D (-311) (-)



#13

Acetone

Concen: 5.934 ug/L

RT: 2.21 min Scan# 348

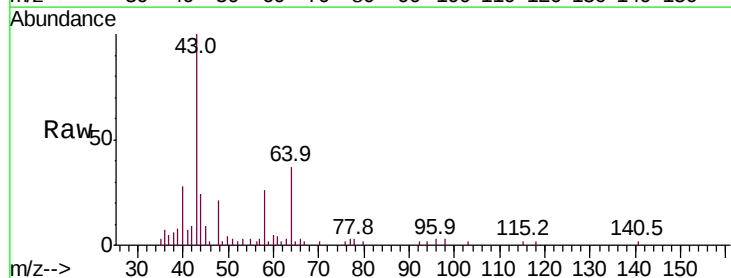
Delta R.T. -0.01 min

Lab File: VV011642.D

Acq: 20 Jun 2019 15:09

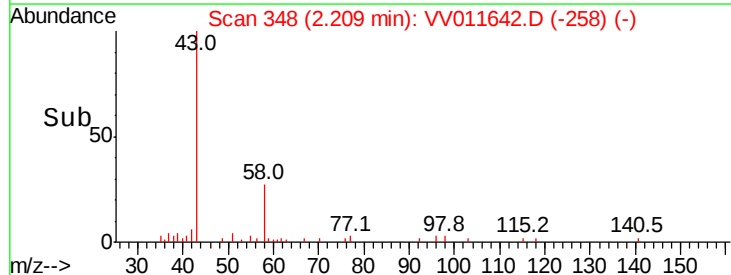
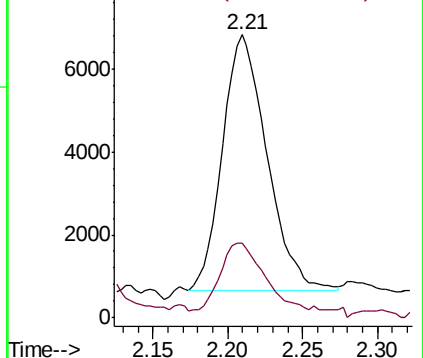
Tgt Ion: 43 Resp: 12725

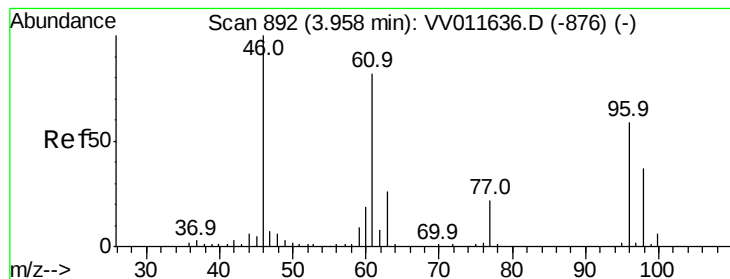
Ion	Ratio	Lower	Upper
43	100		
58	26.1	0.0	56.6



Abundance Ion 43.05 (42.75 to 43.75): VV011636.D (-333) (-)

Ion 58.05 (57.75 to 58.75): VV011636.D (-333) (-)





#22

cis-1,2-Dichloroethene

Concen: 2.374 ug/L

RT: 3.96 min Scan# 891

Delta R.T. -0.00 min

Lab File: VV011642.D

Acq: 20 Jun 2019 15:09

Instrument :
MSVOA_V
ClientSampled :
COMAO

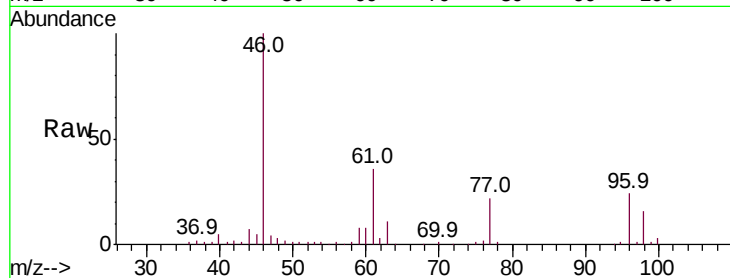
Tot Ion: 96 Resp: 32236

Ion Ratio Lower Upper

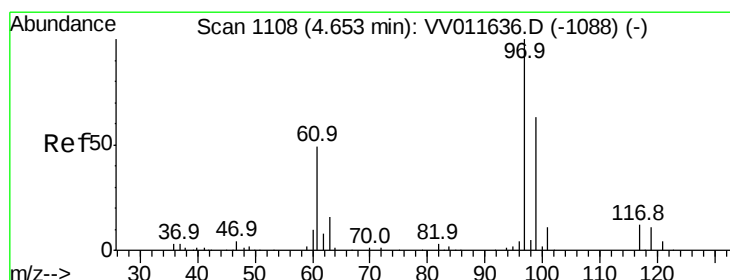
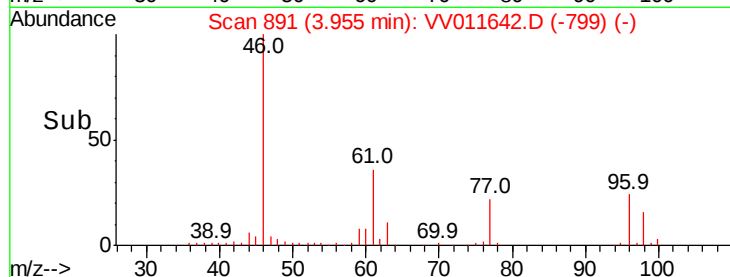
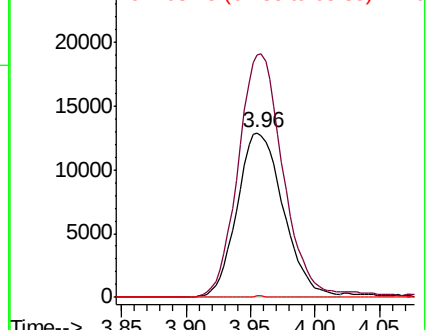
96 100

61 147.6 97.9 181.7

68 0.8 0.0 0.0#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



#29

1,1,1-Trichloroethane

Concen: 0.768 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VV011642.D

Acq: 20 Jun 2019 15:09

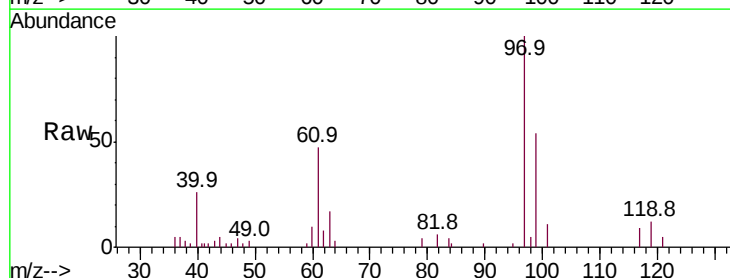
Tgt Ion: 97 Resp: 15028

Ion Ratio Lower Upper

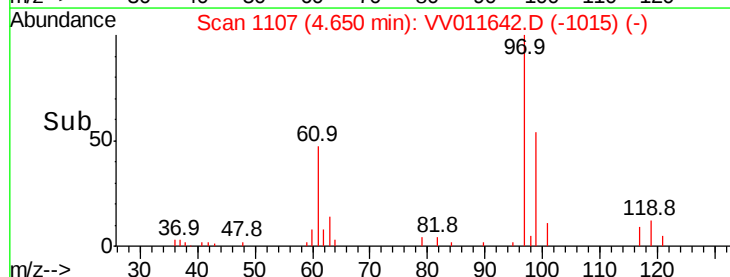
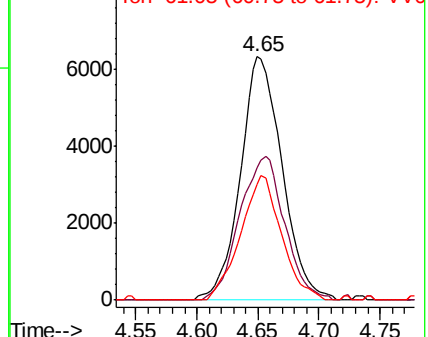
97 100

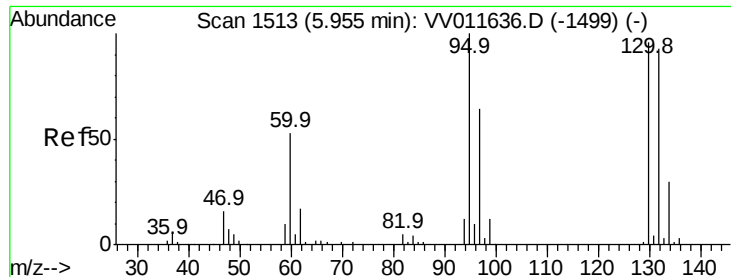
99 63.5 51.6 77.4

61 49.9 39.8 59.6



Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0

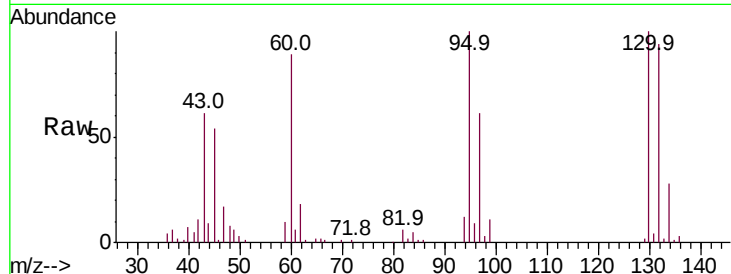




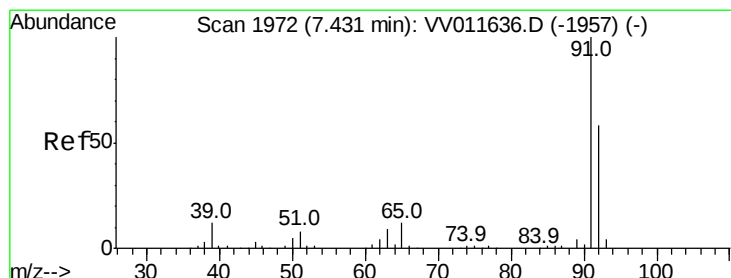
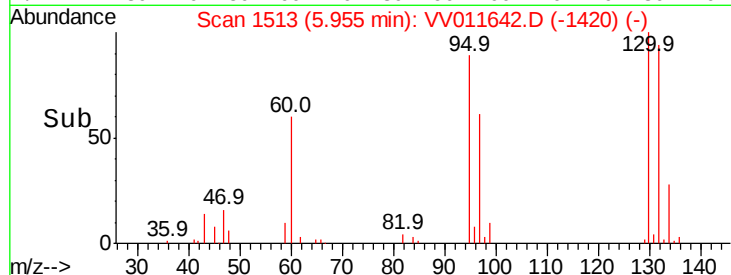
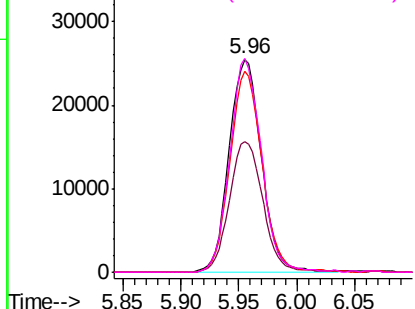
#34
 Trichloroethene
 Concen: 3.680 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VV011642.D
 Acq: 20 Jun 2019 15:09

Instrument :
 MSVOA_V
 ClientSampleId :
 COMA0

Tot Ion: 95 Resp: 49154
 Ion Ratio Lower Upper
 95 100
 97 61.6 44.4 82.5
 132 94.5 65.0 120.6
 130 100.3 67.1 124.7

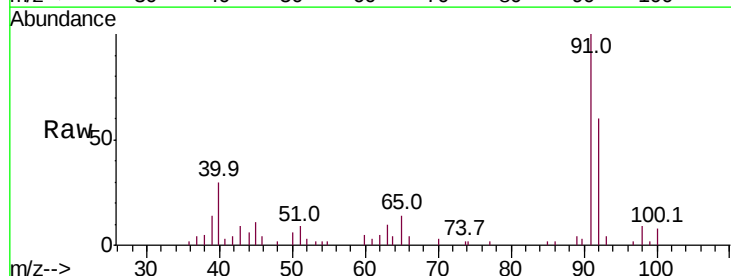


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#42
 Toluene
 Concen: 0.239 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV011642.D
 Acq: 20 Jun 2019 15:09

Tgt Ion: 91 Resp: 12589
 Ion Ratio Lower Upper
 91 100
 92 60.1 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0

