

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111519\
 Data File : VV013646.D
 Acq On : 15 Nov 2019 18:47
 Operator : SY/MD
 Sample : K5856-03MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQG0MSD

Quant Time: Nov 16 00:30:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 23:49:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	355244	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	352085	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	158844	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106178	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	93146	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.13	63	197006	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.20%
20) 2-Butanone-d5	3.95	46	260476	51.33	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.66%
24) Chloroform-d	4.40	84	229472	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.08	65	113447	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	448361	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.11	67	142716	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	380808	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.66	79	49454	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.14	63	200624	47.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96753	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	157919	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

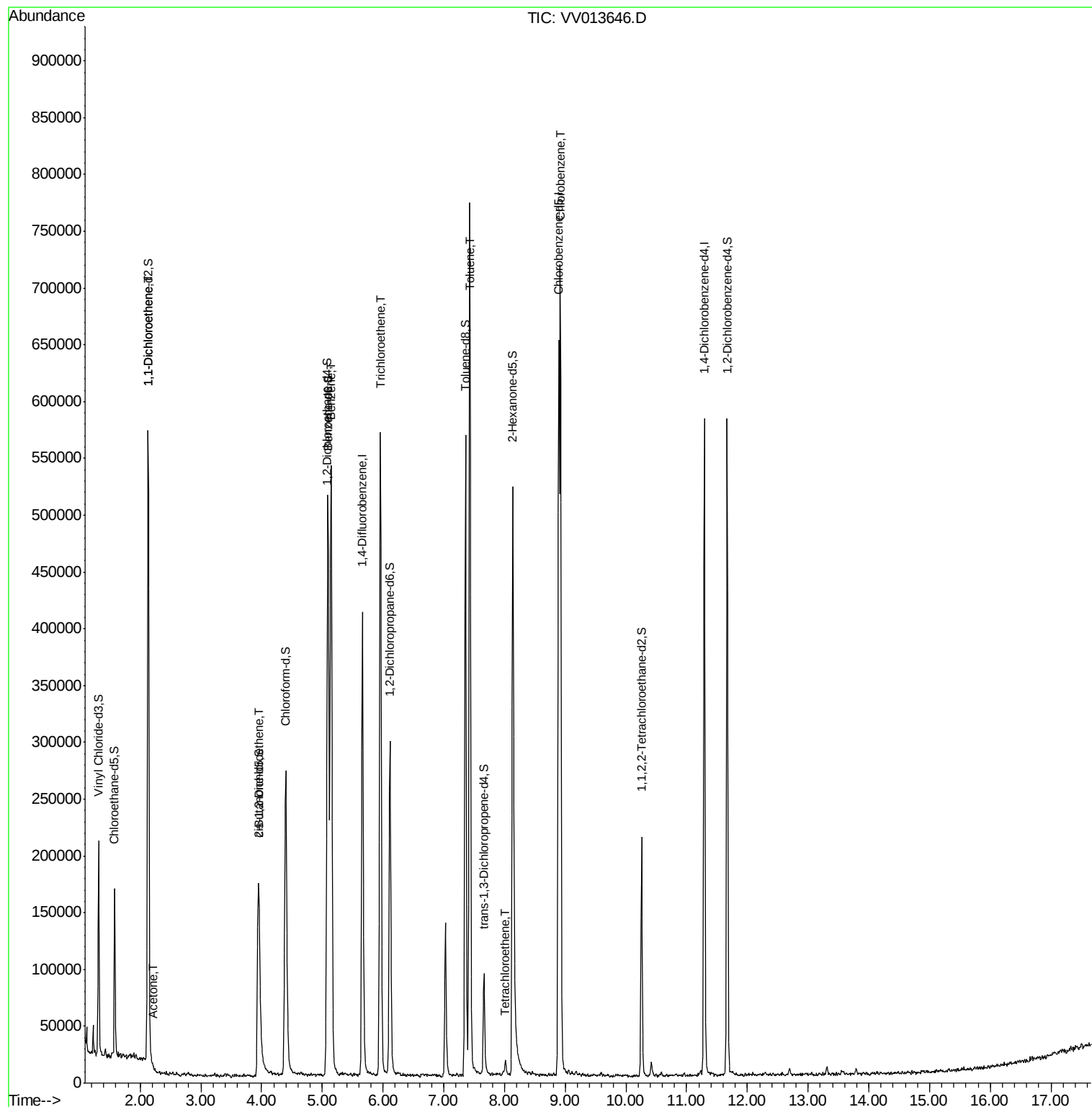
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	112364	5.294	ug/L	98
13) Acetone	2.21	43	4613	1.441	ug/L #	1
22) cis-1,2-Dichloroethene	3.96	96	29529	1.087	ug/L #	99
33) Benzene	5.14	78	541604	5.082	ug/L	100
34) Trichloroethene	5.96	95	194065	6.804	ug/L	99
42) Toluene	7.43	91	543924	4.777	ug/L	100
47) Tetrachloroethene	8.02	164	3017	0.114	ug/L #	88
51) Chlorobenzene	8.92	112	372316	4.932	ug/L	100

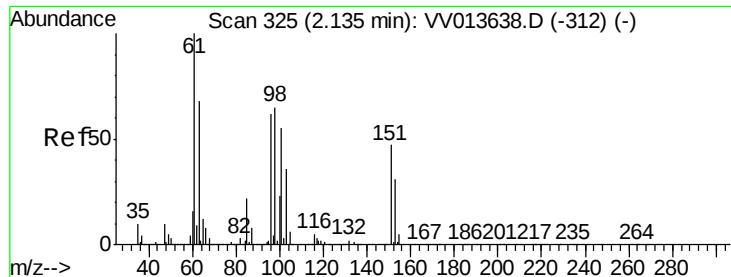
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 23:49:05 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.294 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013646.D

Acq: 15 Nov 2019 18:47

Instrument :

MSVOA_V

ClientSampleId :

GAQG0MSD

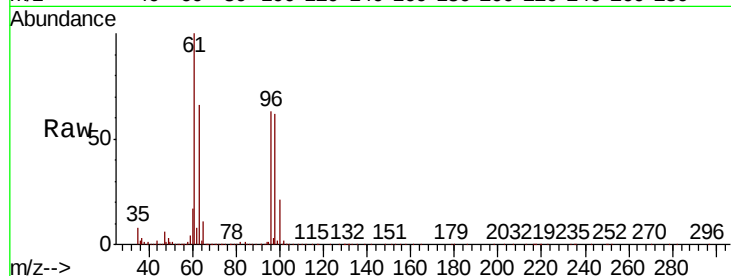
Tot Ion: 96 Resp: 112364

Ion Ratio Lower Upper

96 100

61 159.5 112.5 208.9

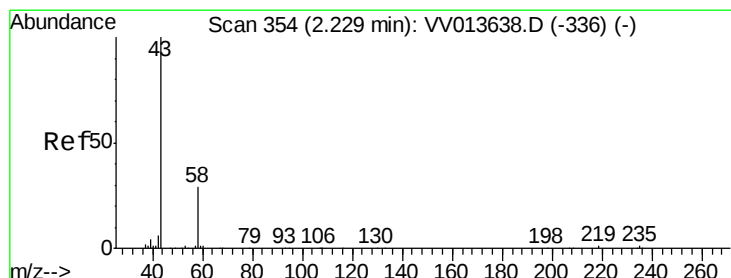
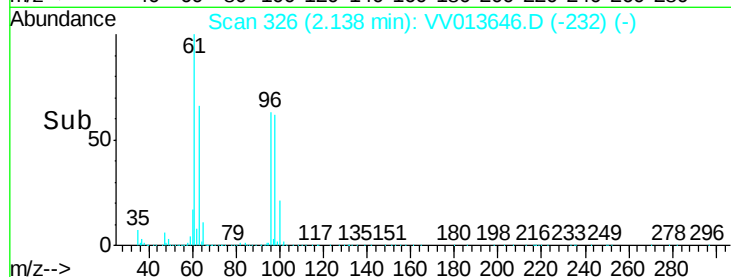
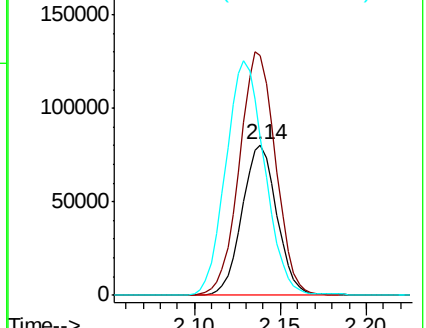
63 105.3 76.9 142.7



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 1.441 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.02 min

Lab File: VV013646.D

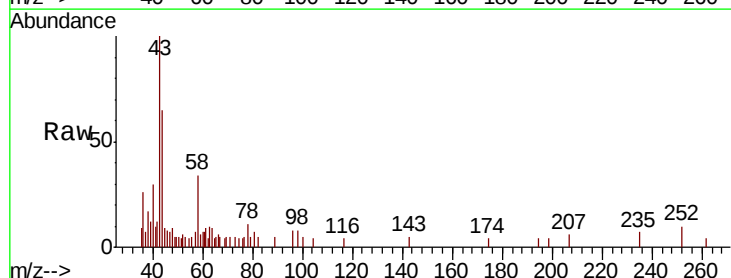
Acq: 15 Nov 2019 18:47

Tgt Ion: 43 Resp: 4613

Ion Ratio Lower Upper

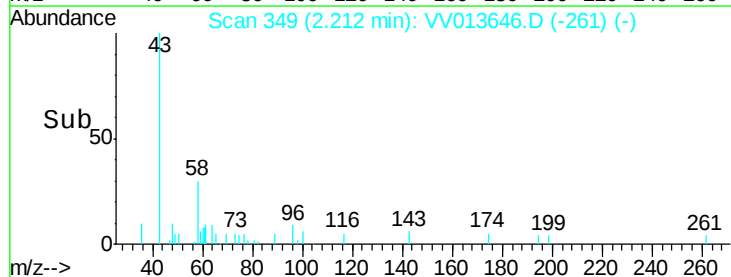
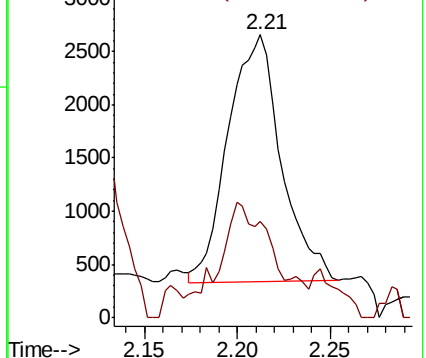
43 100

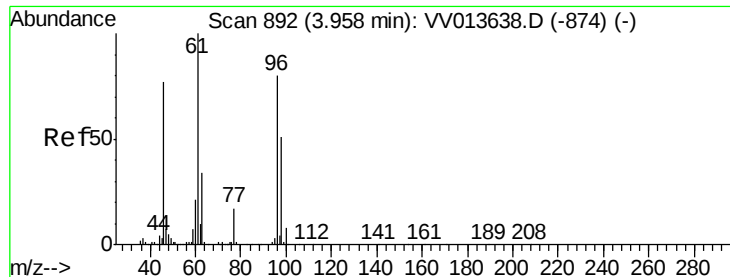
58 48.6 0.0 17.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#22

cis-1,2-Dichloroethene

Concen: 1.087 ug/L

RT: 3.96 min Scan# 891

Delta R.T. -0.00 min

Lab File: VV013646.D

Acq: 15 Nov 2019 18:47

Instrument :

MSVOA_V

ClientSampleId :

GAQG0MSD

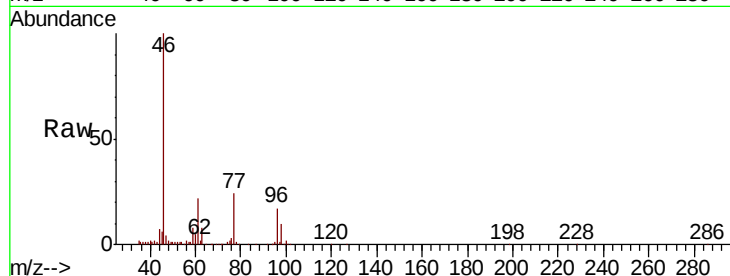
Tot Ion: 96 Resp: 29529

Ion Ratio Lower Upper

96 100

61 126.4 87.7 162.9

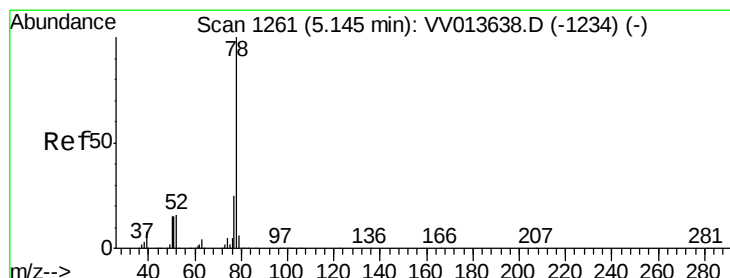
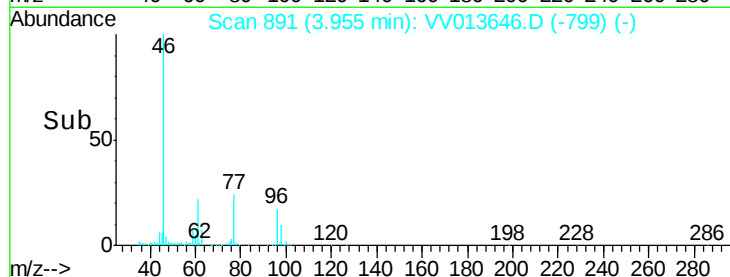
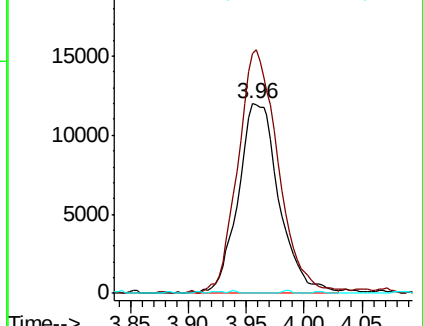
68 0.0 0.1 0.3#



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



#33

Benzene

Concen: 5.082 ug/L

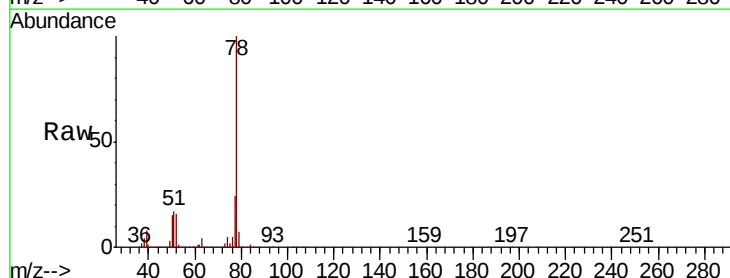
RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

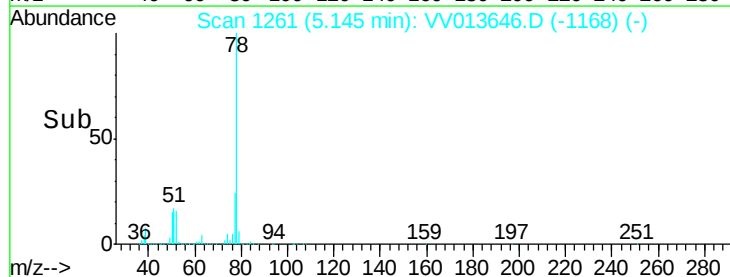
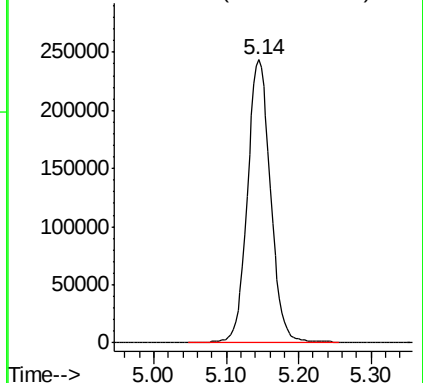
Lab File: VV013646.D

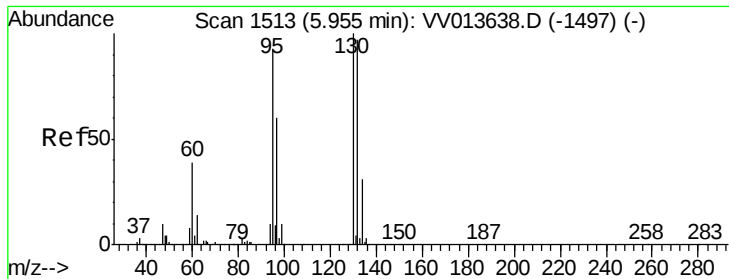
Acq: 15 Nov 2019 18:47

Tgt Ion: 78 Resp: 541604



Abundance Ion 78.10 (77.80 to 78.80): VV0

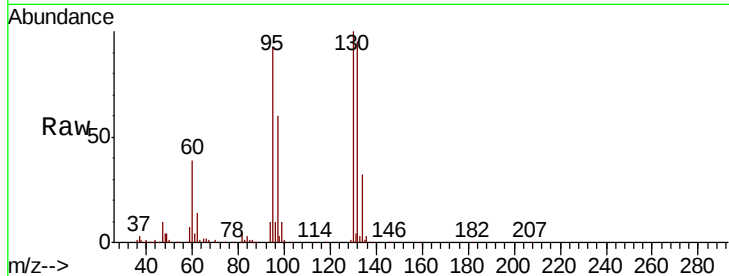




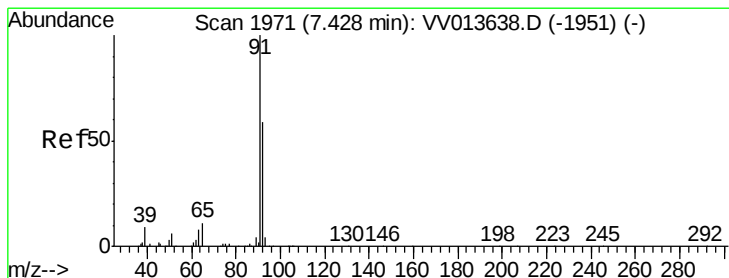
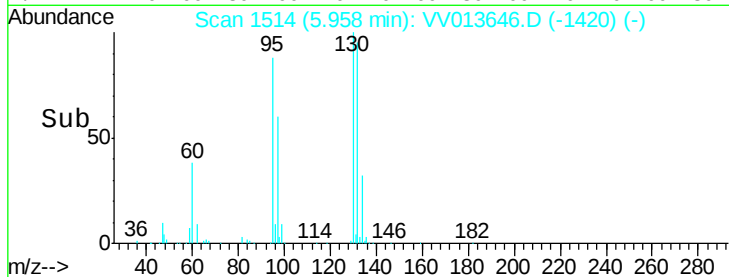
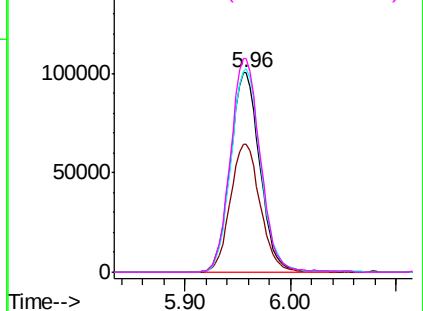
#34
 Trichloroethene
 Concen: 6.804 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV013646.D
 Acq: 15 Nov 2019 18:47

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQG0MSD

Tot Ion:	95	Resp:	194065
Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.8	83.2
132	101.8	72.9	135.3
130	107.1	75.1	139.5

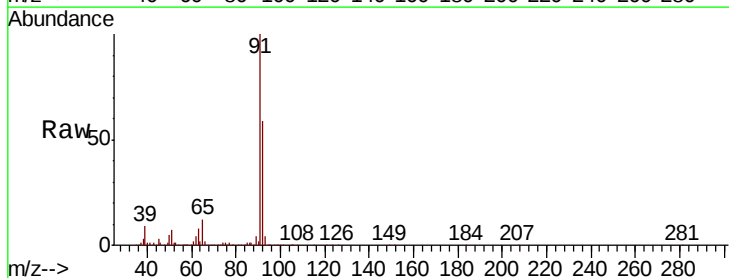


Abundance Ion 95.00 (94.70 to 95.70): VV013646.D (-1420) (-)
 Ion 96.95 (96.65 to 97.65): VV013646.D (-1420) (-)
 Ion 131.95 (131.65 to 132.65): VV013646.D (-1420) (-)
 Ion 129.95 (129.65 to 130.65): VV013646.D (-1420) (-)

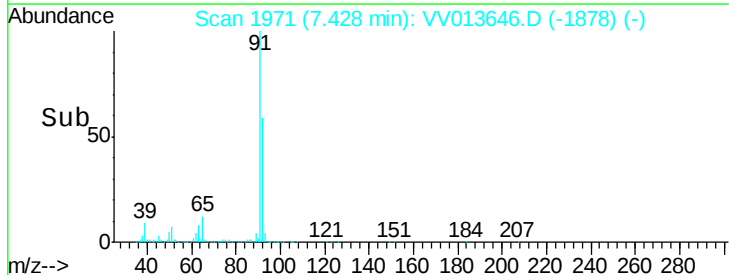
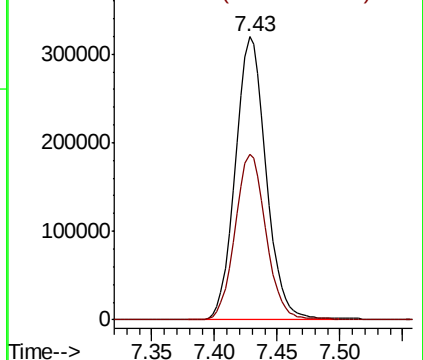


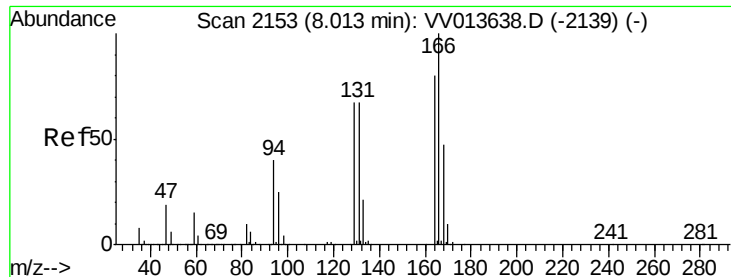
#42
 Toluene
 Concen: 4.777 ug/L
 RT: 7.43 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: VV013646.D
 Acq: 15 Nov 2019 18:47

Tgt Ion:	91	Resp:	543924
Ion	Ratio	Lower	Upper
91	100		
92	58.7	41.2	76.6



Abundance Ion 91.15 (90.85 to 91.85): VV013646.D (-1878) (-)
 Ion 92.15 (91.85 to 92.85): VV013646.D (-1878) (-)





#47

Tetrachloroethene

Concen: 0.114 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013646.D

Acq: 15 Nov 2019 18:47

Instrument :

MSVOA_V

ClientSampleId :

GAQG0MSD

Tot Ion:164 Resp: 3017

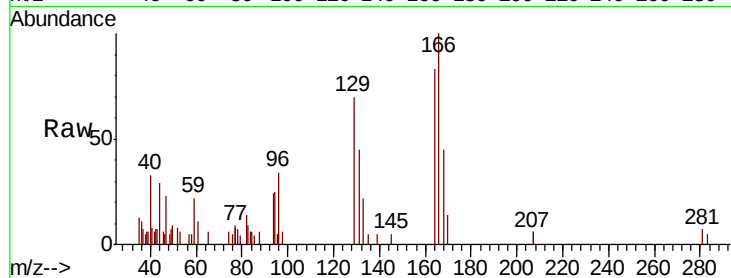
Ion Ratio Lower Upper

164 100

129 83.6 59.1 109.9

131 54.2 58.9 109.5#

166 119.9 87.8 163.2

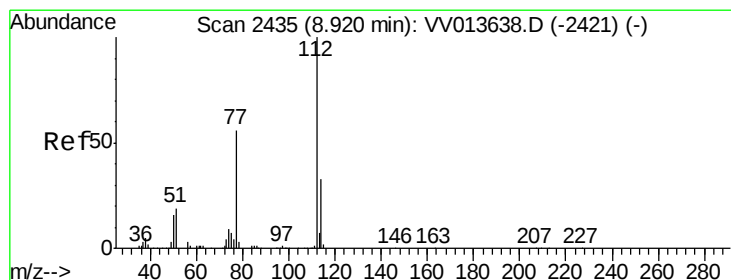
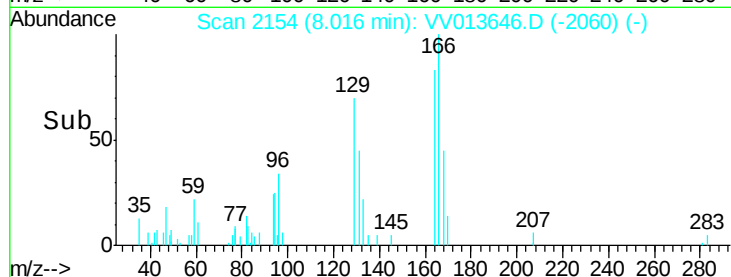
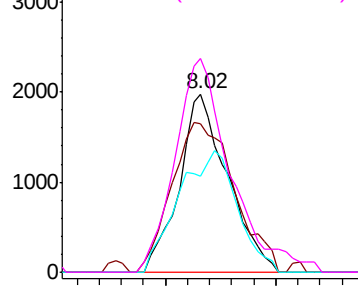


Abundance Ion 163.90 (163.60 to 164.60): V

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: 4.932 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. -0.00 min

Lab File: VV013646.D

Acq: 15 Nov 2019 18:47

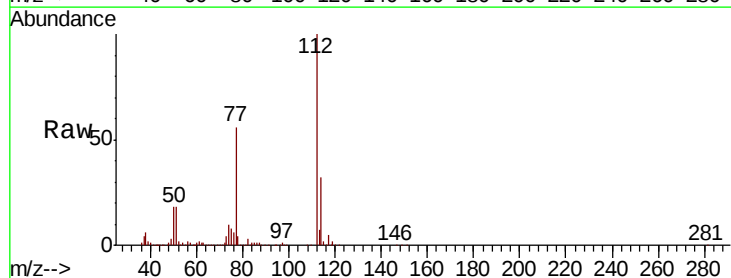
Tgt Ion:112 Resp: 372316

Ion Ratio Lower Upper

112 100

114 32.1 22.8 42.4

77 56.1 45.0 67.4



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

