

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121919\
 Data File : VV014132.D
 Acq On : 19 Dec 2019 16:12
 Operator : SY/MD
 Sample : K6286-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDY0

Quant Time: Dec 20 07:51:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 07:12:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	458405	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	435911	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	197251	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102558	3.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.20%
7) Chloroethane-d5	1.58	69	102155	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.13	63	131005	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	3.92	46	324178	54.96	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.92%
24) Chloroform-d	4.40	84	231254	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.08	65	116359	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
32) Benzene-d6	5.10	84	399769	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.00%
36) 1,2-Dichloropropane-d6	6.11	67	140241	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	7.36	98	300625	2.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.00%#
43) trans-1,3-Dichloropropene-	7.66	79	43783	3.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.20%
46) 2-Hexanone-d5	8.13	63	216868	45.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.14%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	114533	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	136143	3.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.20%#

Target Compounds

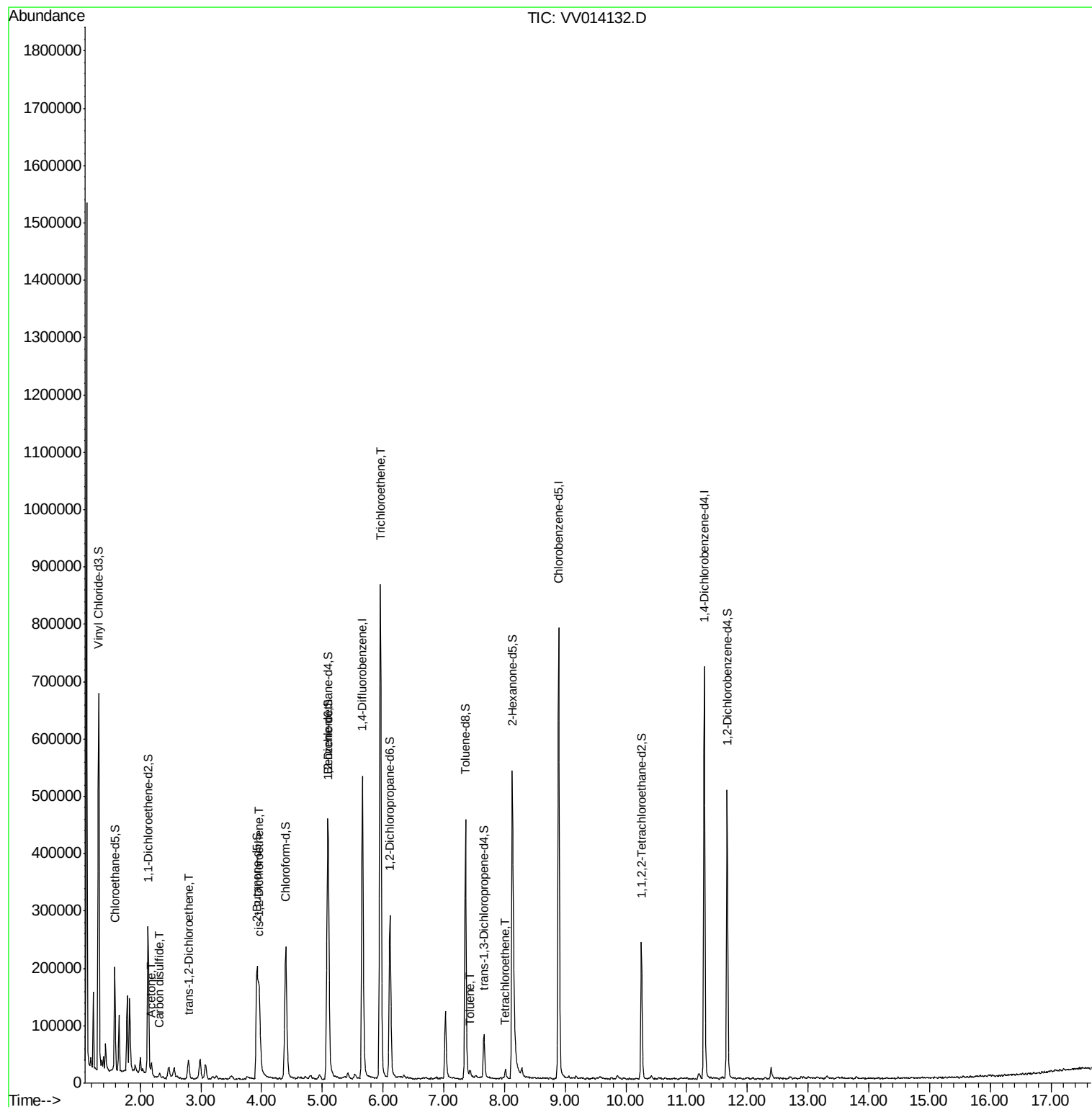
					Ovalue
13) Acetone	2.19	43	19108	4.633 ug/L #	63
14) Carbon disulfide	2.32	76	7499	0.147 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	3413	0.137 ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	70867	2.428 ug/L #	99
34) Trichloroethene	5.96	95	290076	9.834 ug/L	98
42) Toluene	7.43	91	7340	0.064 ug/L	98
47) Tetrachloroethene	8.02	164	4257	0.166 ug/L	90

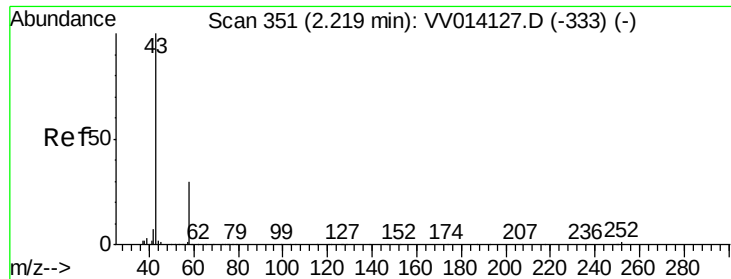
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 20 07:12:45 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.633 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.03 min

Lab File: VV014132.D

Acq: 19 Dec 2019 16:12

Instrument :

MSVOA_V

ClientSampleId :

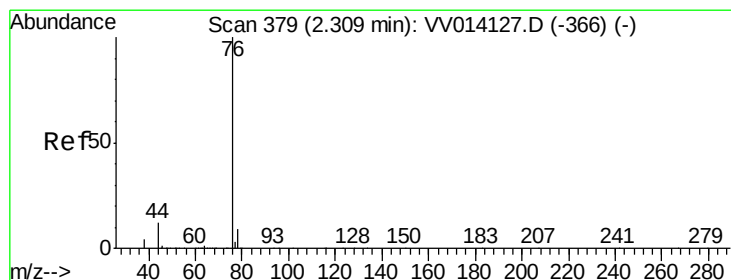
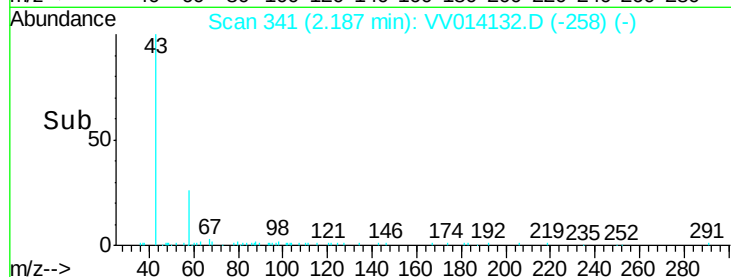
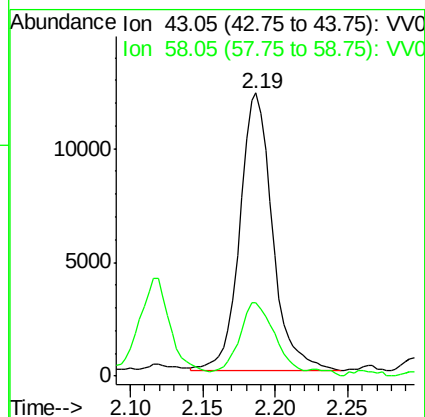
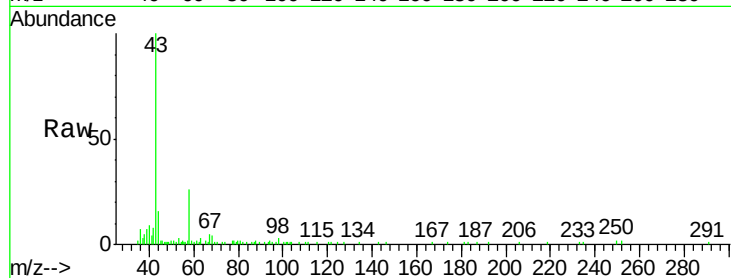
BFDY0

Tot Ion: 43 Resp: 19108

Ion Ratio Lower Upper

43 100

58 28.5 0.0 27.2#



#14

Carbon disulfide

Concen: 0.147 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV014132.D

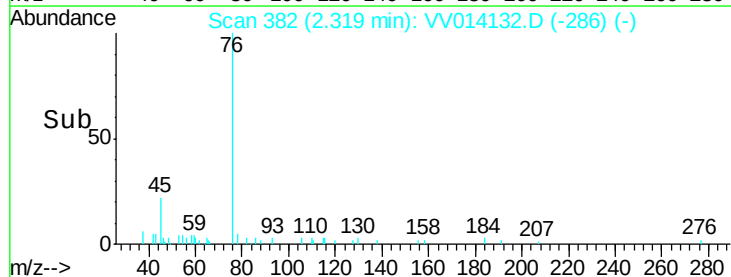
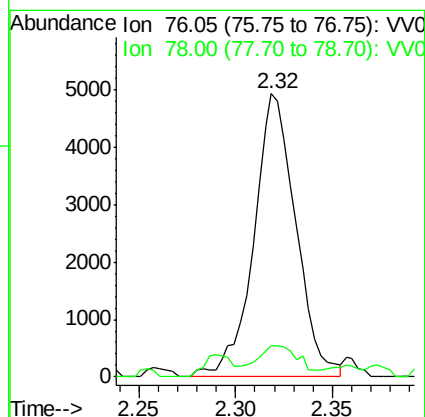
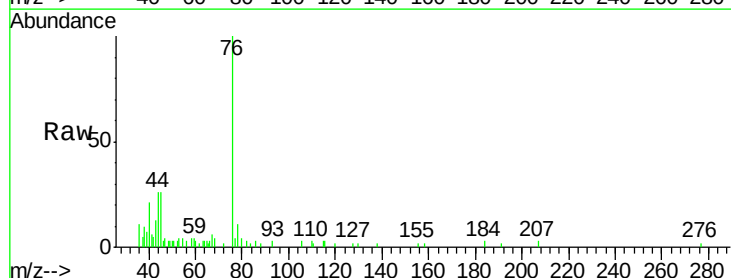
Acq: 19 Dec 2019 16:12

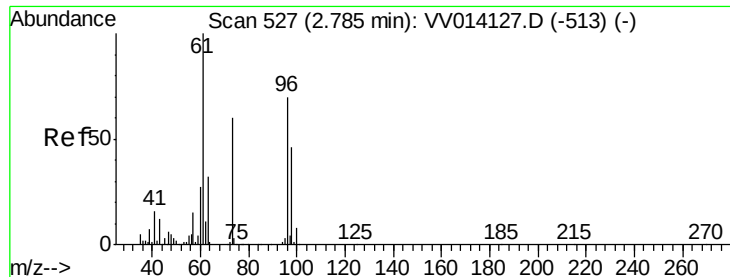
Tgt Ion: 76 Resp: 7499

Ion Ratio Lower Upper

76 100

78 10.8 7.5 11.3





#18

trans-1,2-Dichloroethene

Concen: 0.137 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV014132.D

Acq: 19 Dec 2019 16:12

Instrument :

MSVOA_V

ClientSampleId :

BFDY0

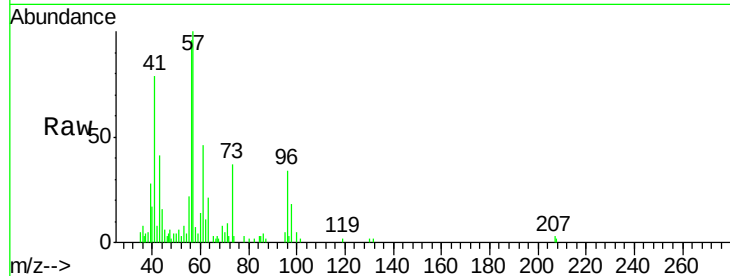
Tot Ion: 96 Resp: 3413

Ion Ratio Lower Upper

96 100

61 132.9 95.1 176.7

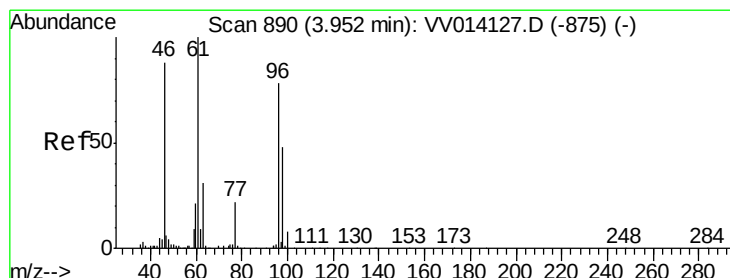
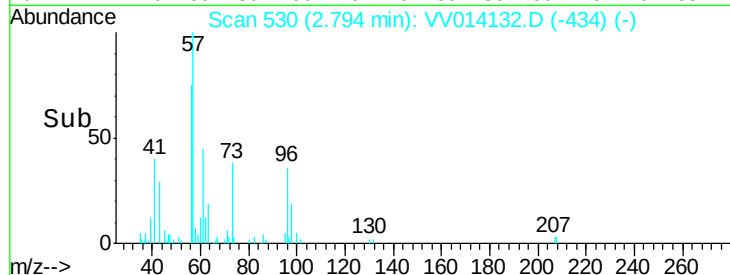
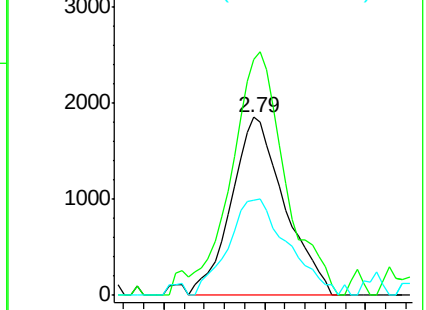
98 53.8 46.5 86.3



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 2.428 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.01 min

Lab File: VV014132.D

Acq: 19 Dec 2019 16:12

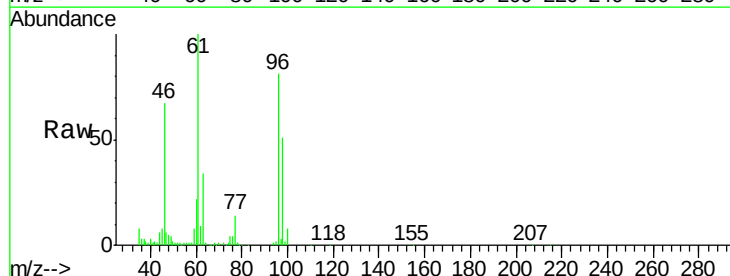
Tgt Ion: 96 Resp: 70867

Ion Ratio Lower Upper

96 100

61 124.2 86.1 159.9

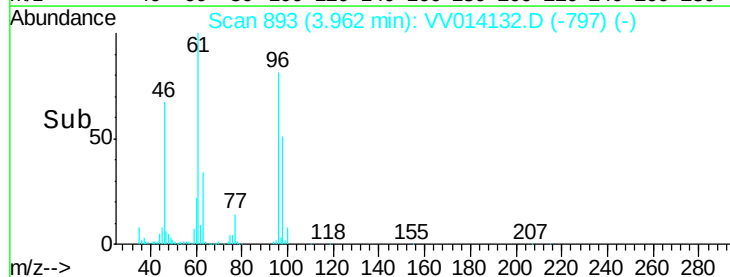
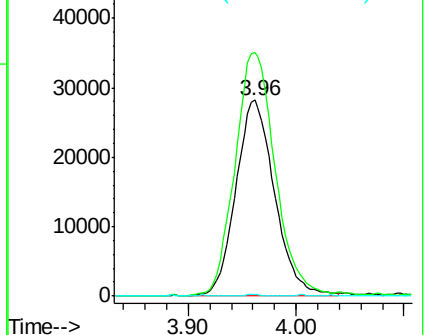
68 0.8 0.0 0.0#

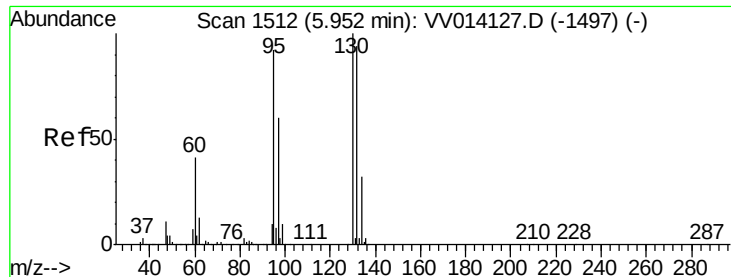


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 9.834 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014132.D

Acq: 19 Dec 2019 16:12

Instrument :

MSVOA_V

ClientSampleId :

BFDY0

Tot Ion: 95 Resp: 290076

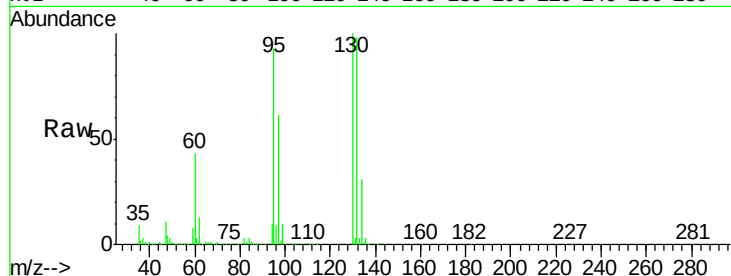
Ion Ratio Lower Upper

95 100

97 65.4 45.6 84.8

132 106.0 70.5 130.9

130 107.8 75.9 140.9

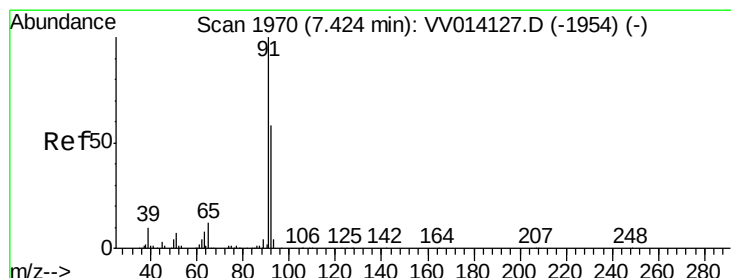
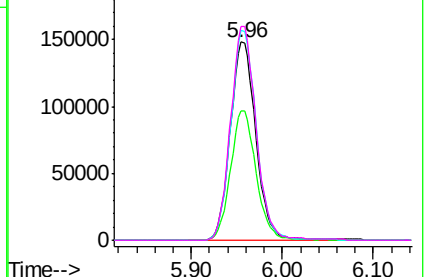
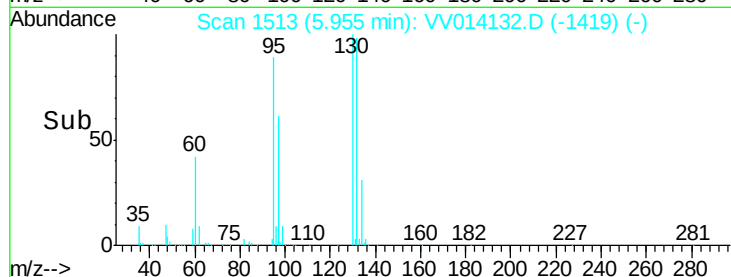


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.064 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV014132.D

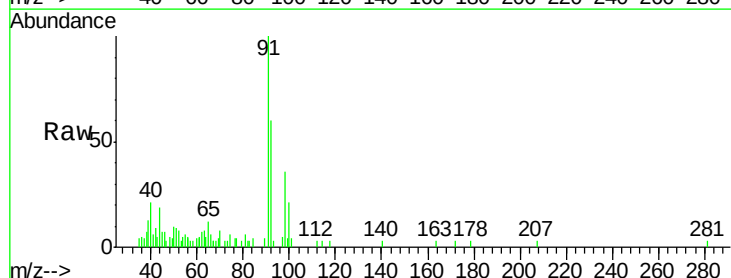
Acq: 19 Dec 2019 16:12

Tgt Ion: 91 Resp: 7340

Ion Ratio Lower Upper

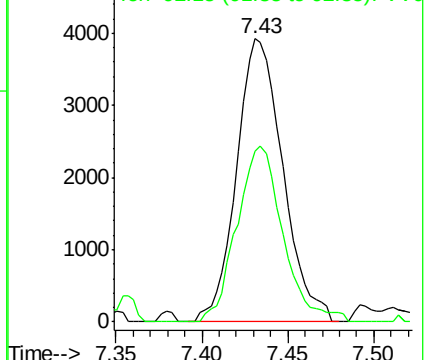
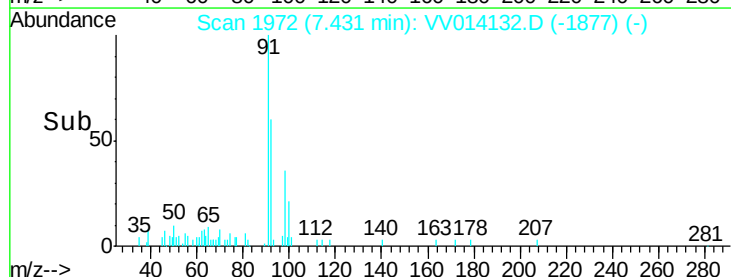
91 100

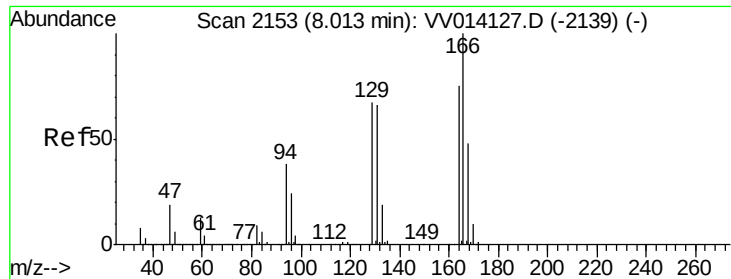
92 60.1 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#47

Tetrachloroethene

Concen: 0.166 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV014132.D

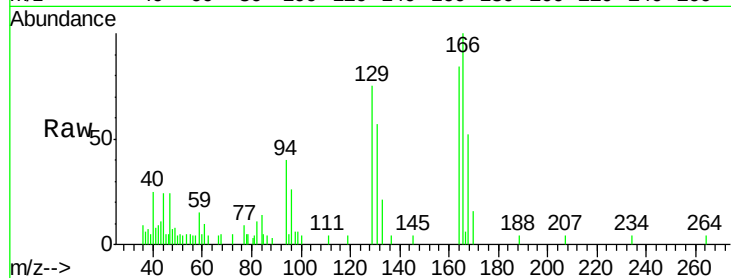
Acq: 19 Dec 2019 16:12

Instrument :

MSVOA_V

ClientSampleId :

BFDY0



Tot Ion:164 Resp: 4257

Ion Ratio Lower Upper

164 100

129 89.5 60.3 112.1

131 67.3 59.9 111.3

166 118.6 89.1 165.5

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

