

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092719\
 Data File : VU034867.D
 Acq On : 27 Sep 2019 11:54
 Operator : JC/SP
 Sample : K5044-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CWK38

Quant Time: Sep 28 00:44:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 28 00:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	87287	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	83168	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	36997	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	29610	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.67	69	24903	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.26	63	43165	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.17	46	74549	43.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.32%
24) Chloroform-d	4.62	84	43879	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.29	65	25369	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
32) Benzene-d6	5.32	84	93201	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.31	67	32442	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.54	98	86227	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	7.83	79	10124	3.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.00%
46) 2-Hexanone-d5	8.30	63	54652	40.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.28%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	22658	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	28991	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

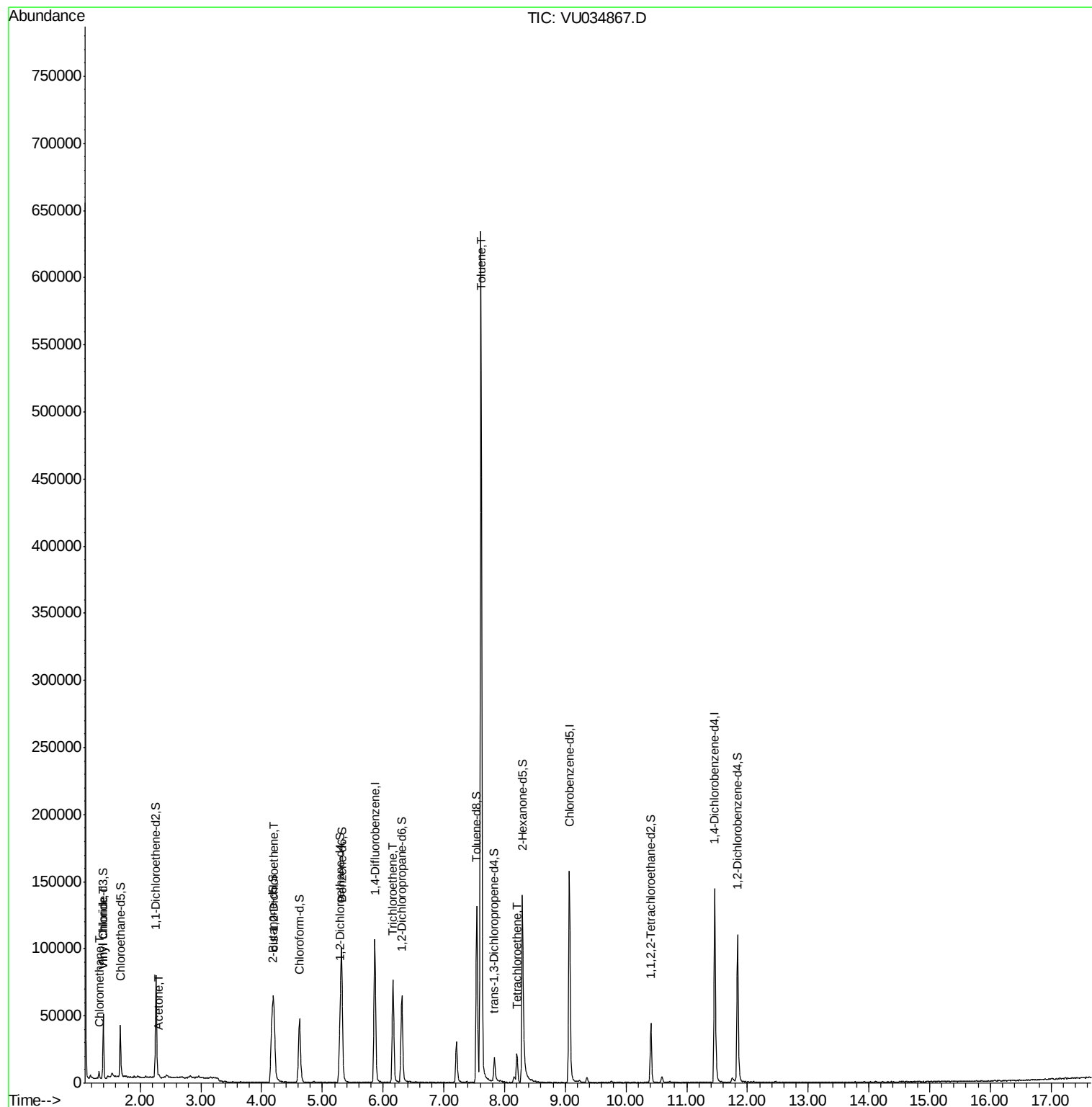
					Ovalue
3) Chloromethane	1.32	50	3587	0.575 ug/L	91
5) Vinyl chloride	1.40	62	1431	0.219 ug/L	# 38
13) Acetone	2.31	43	1950	1.478 ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	27316	4.565 ug/L	93
34) Trichloroethene	6.16	95	25426	4.536 ug/L	91
42) Toluene	7.61	91	449008	18.477 ug/L	99
47) Tetrachloroethene	8.21	164	4923	1.449 ug/L	78

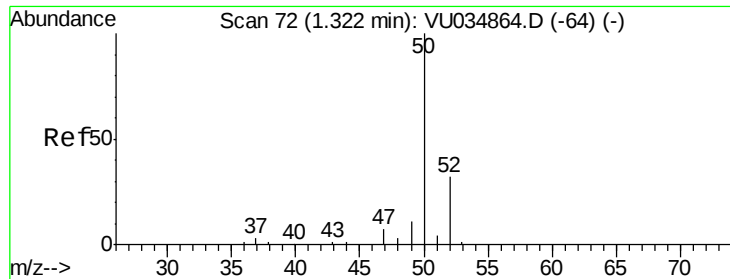
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.575 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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Acq: 27 Sep 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

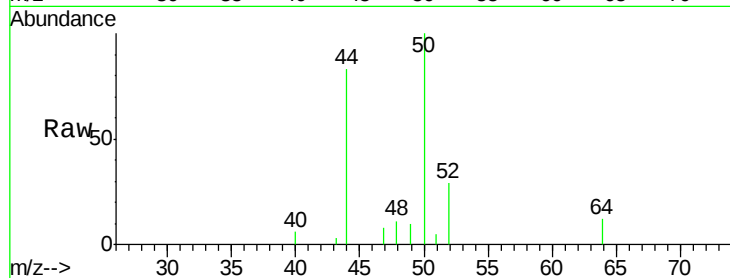
CWK38

Tot Ion: 50 Resp: 3587

Ion Ratio Lower Upper

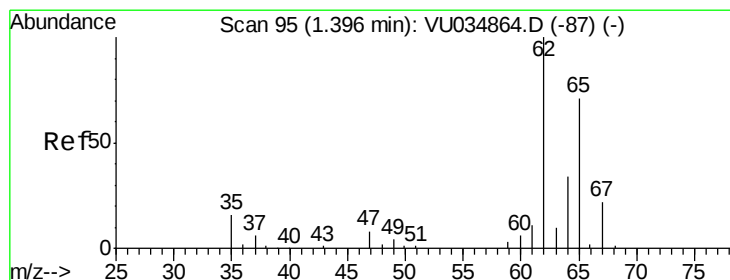
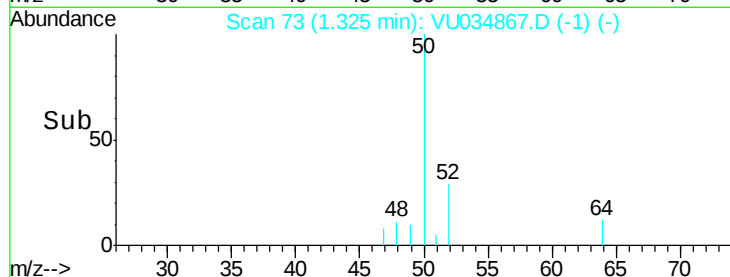
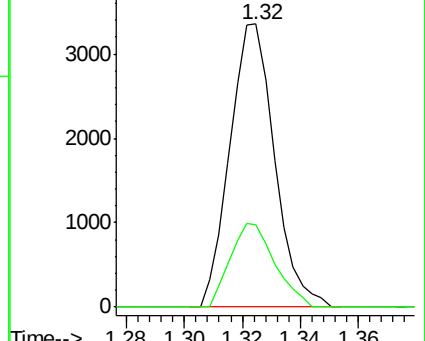
50 100

52 28.9 23.9 44.3



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 0.219 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034867.D

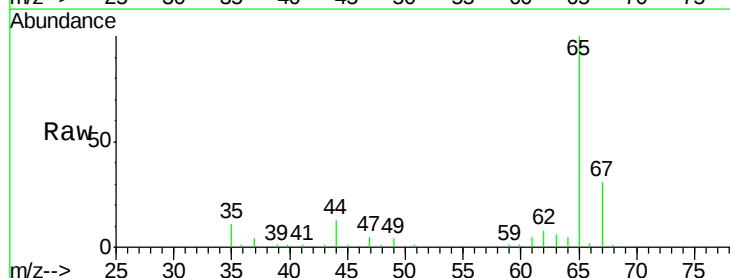
Acq: 27 Sep 2019 11:54

Tgt Ion: 62 Resp: 1431

Ion Ratio Lower Upper

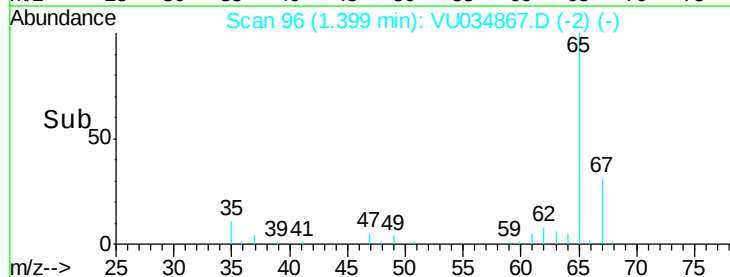
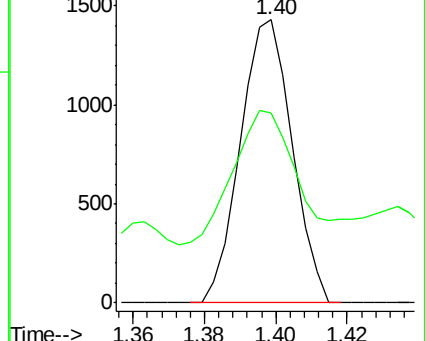
62 100

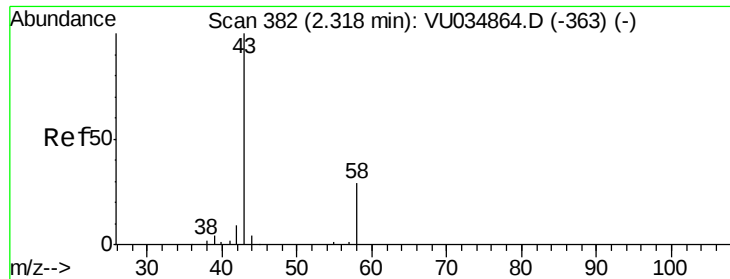
64 66.9 22.7 42.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#13

Acetone

Concen: 1.478 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

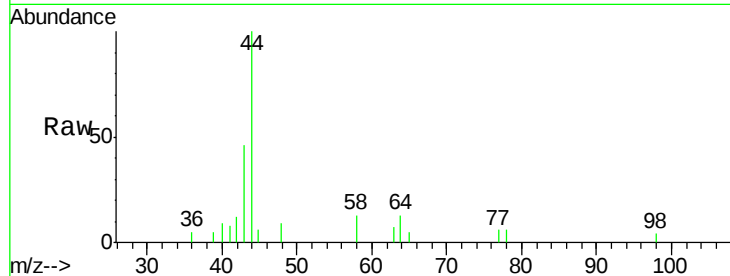
CWK38

Tot Ion: 43 Resp: 1950

Ion Ratio Lower Upper

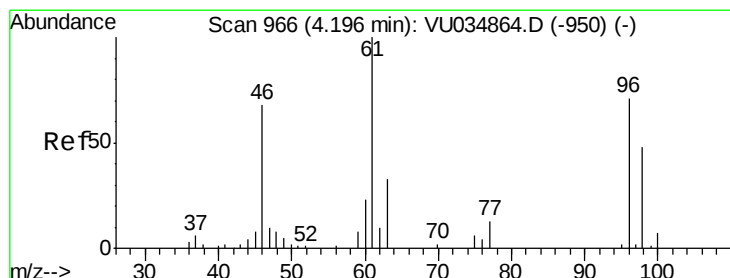
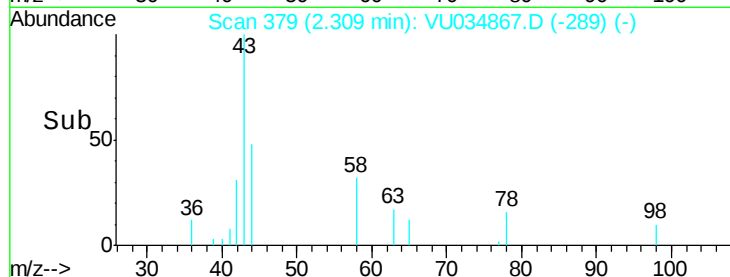
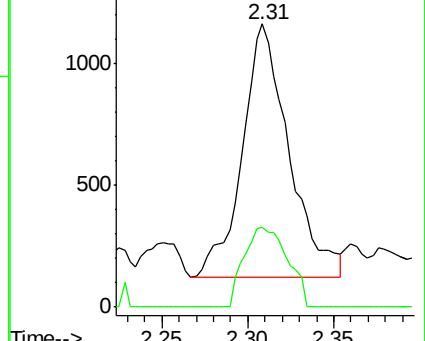
43 100

58 29.5 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 4.565 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU034867.D

Acq: 27 Sep 2019 11:54

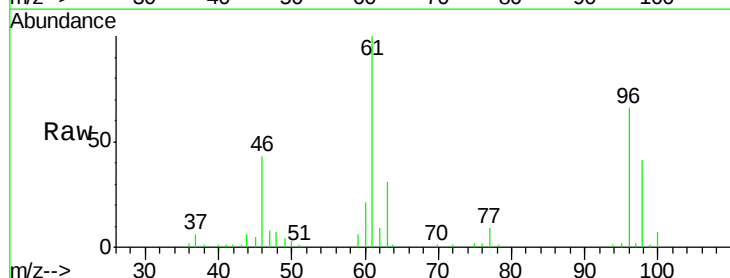
Tgt Ion: 96 Resp: 27316

Ion Ratio Lower Upper

96 100

61 151.6 100.0 185.8

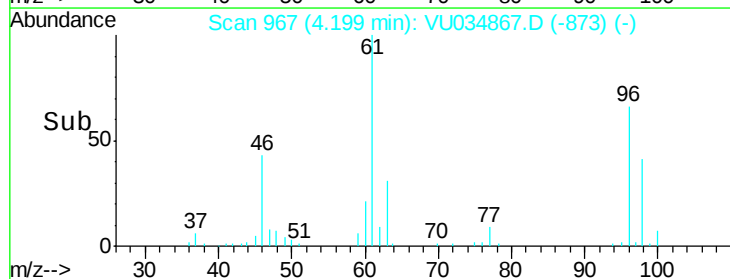
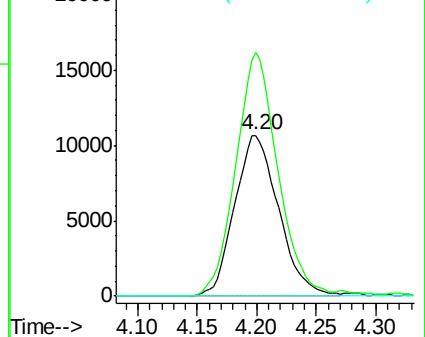
68 0.0 0.0 0.0

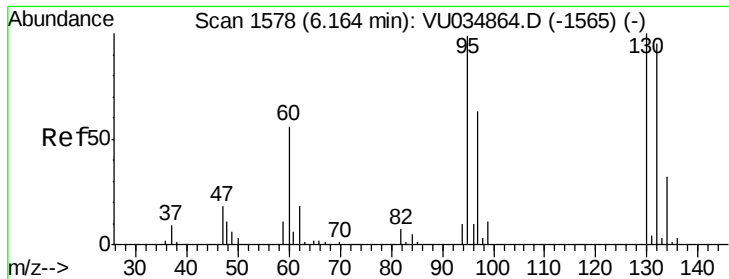


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 4.536 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034867.D

Acq: 27 Sep 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

CWK38

Tot Ion: 95 Resp: 25426

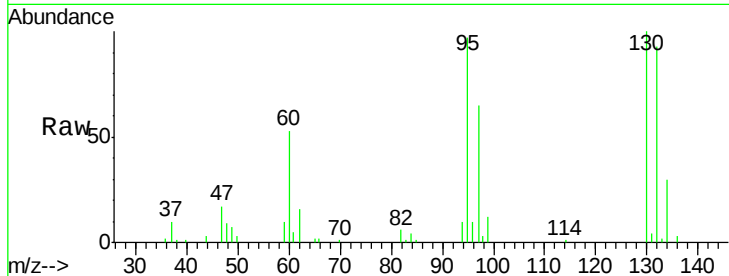
Ion Ratio Lower Upper

95 100

97 66.8 45.2 84.0

132 96.0 60.9 113.1

130 102.9 64.3 119.3

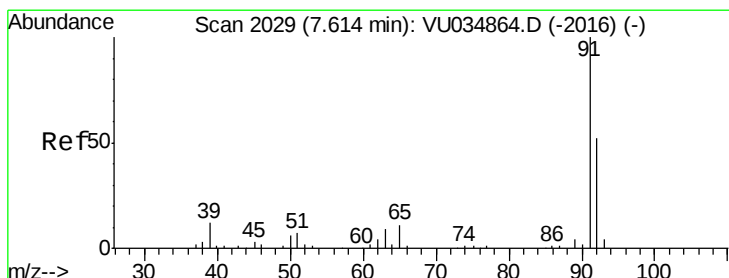
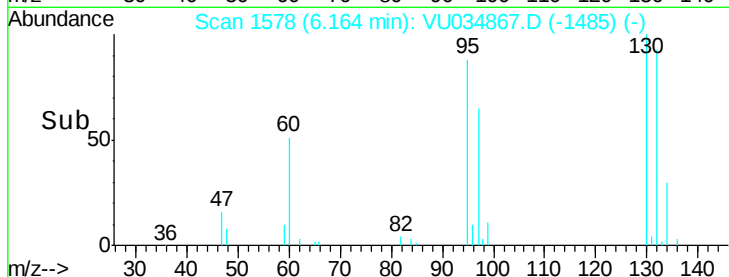
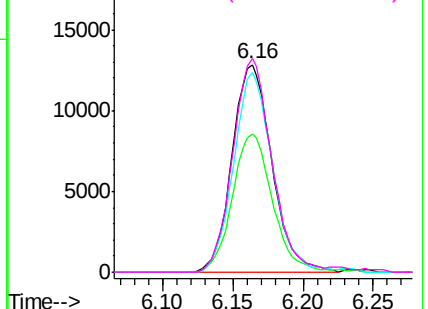


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 18.477 ug/L

RT: 7.61 min Scan# 2029

Delta R.T. -0.00 min

Lab File: VU034867.D

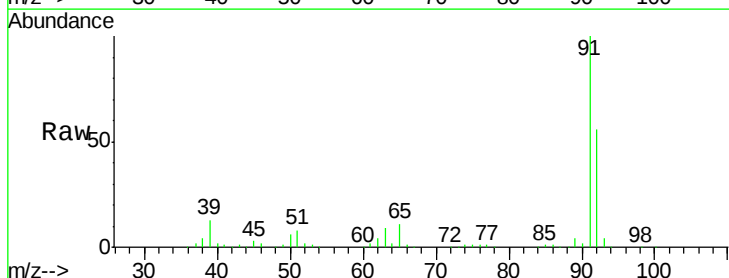
Acq: 27 Sep 2019 11:54

Tgt Ion: 91 Resp: 449008

Ion Ratio Lower Upper

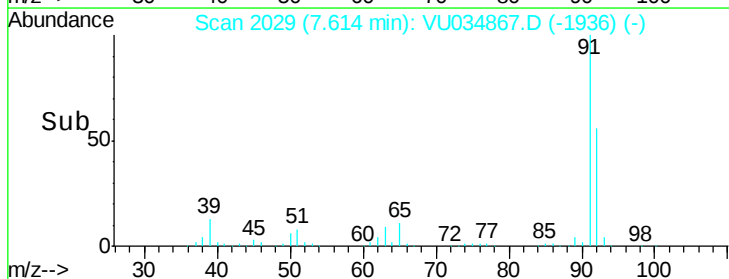
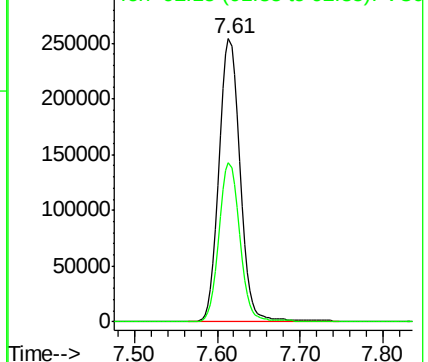
91 100

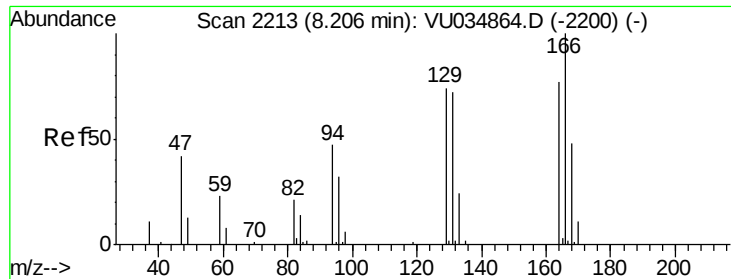
92 56.1 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 1.449 ug/L

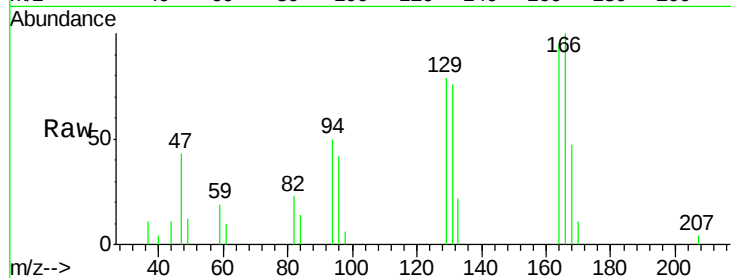
RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034867.D

Acq: 27 Sep 2019 11:54

Instrument :
MSVOA_U
ClientSampleId :
CWK38



Tot Ion:164 Resp: 4923

Ion Ratio Lower Upper

164 100

129 82.7 73.6 136.8

131 79.8 73.4 136.4

166 105.2 90.6 168.3

