

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092719\
 Data File : VU034859.D
 Acq On : 26 Sep 2019 22:04
 Operator : JC/SP
 Sample : K5044-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CWK38

Quant Time: Sep 27 06:58:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 27 05:10:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	90180	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	87120	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	40899	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	32610	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.67	69	27675	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.26	63	47607	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.17	46	94388	53.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.02%
24) Chloroform-d	4.62	84	49158	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.29	65	28310	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.32	84	101965	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.31	67	35956	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.54	98	96561	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.83	79	11568	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.30	63	70610	50.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.26%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	28693	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	32872	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

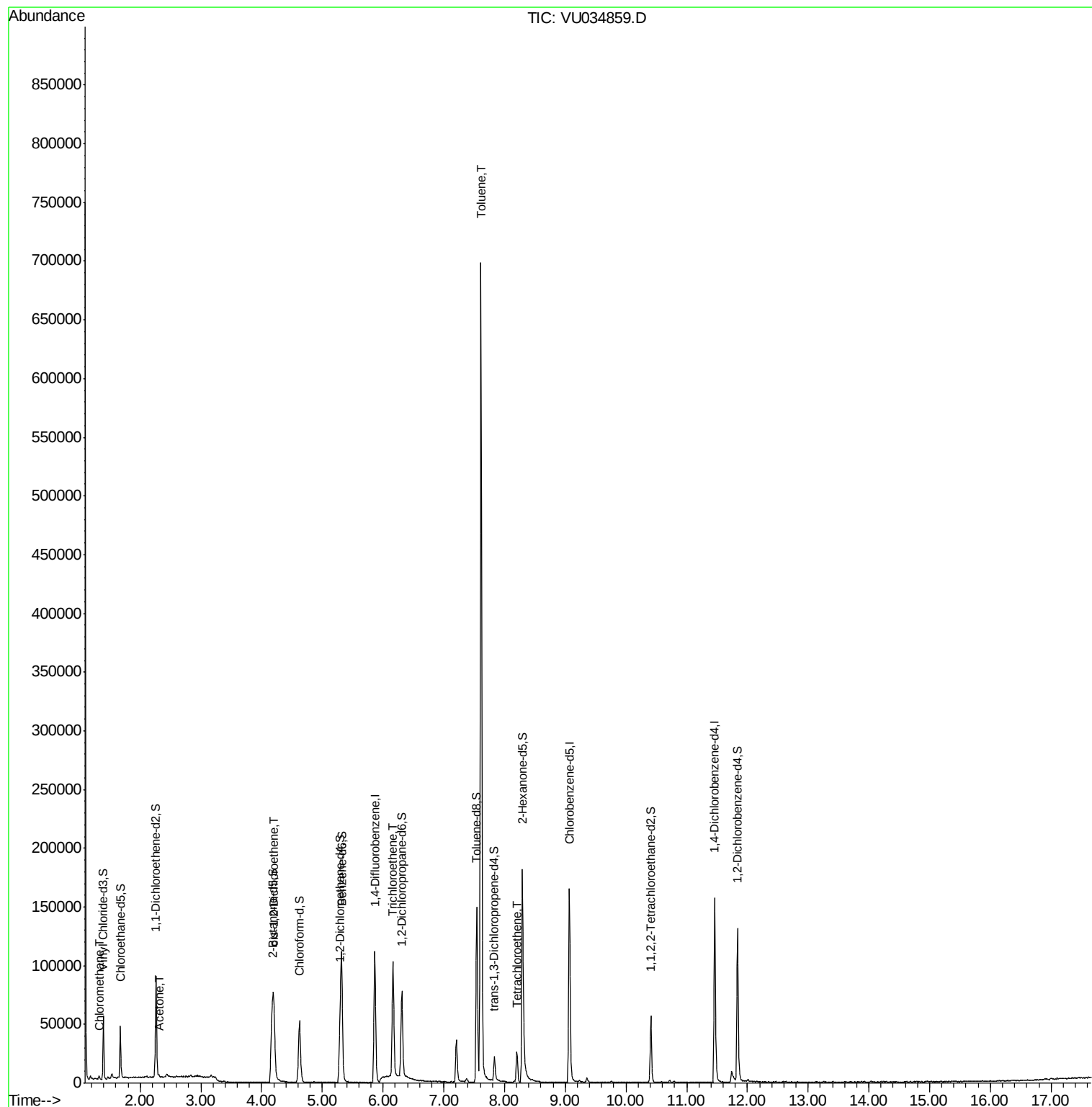
					Ovalue
3) Chloromethane	1.32	50	2022	0.314	ug/L 91
13) Acetone	2.31	43	1998	1.466	ug/L 92
22) cis-1,2-Dichloroethene	4.20	96	31435	5.085	ug/L 98
34) Trichloroethene	6.16	95	33831	5.762	ug/L 99
42) Toluene	7.61	91	492083	19.331	ug/L 99
47) Tetrachloroethene	8.21	164	5436	1.527	ug/L 94

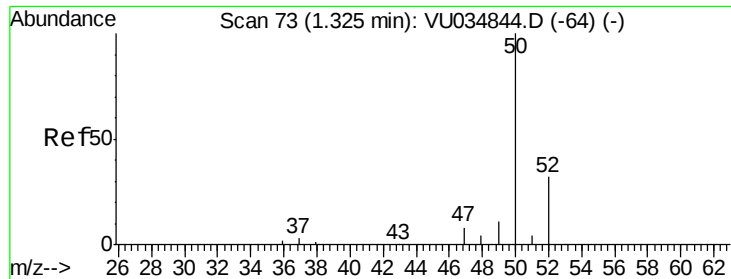
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.314 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU034859.D

Acq: 26 Sep 2019 22:04

Instrument :

MSVOA_U

ClientSampled :

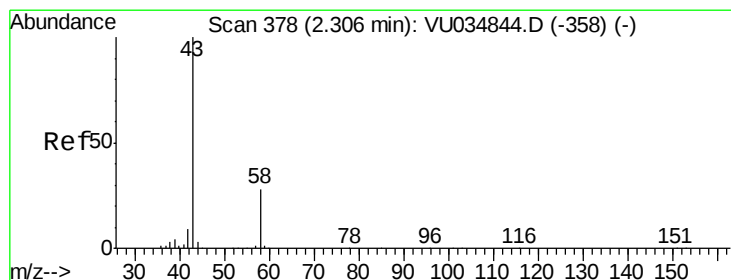
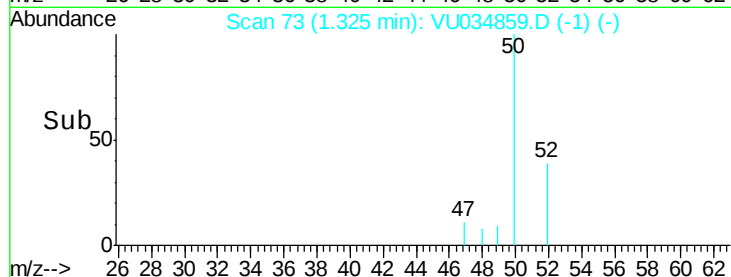
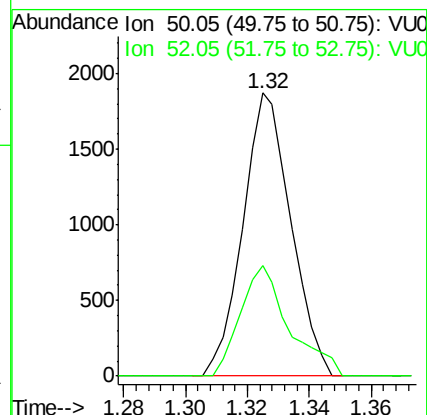
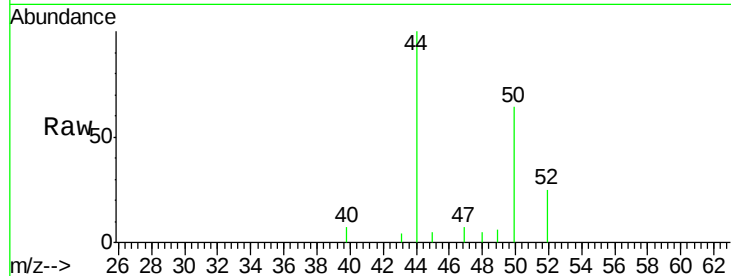
CWK38

Tot Ion: 50 Resp: 2022

Ion Ratio Lower Upper

50 100

52 39.0 23.9 44.3



#13

Acetone

Concen: 1.466 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VU034859.D

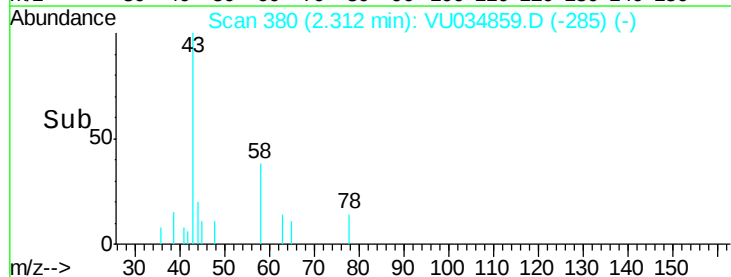
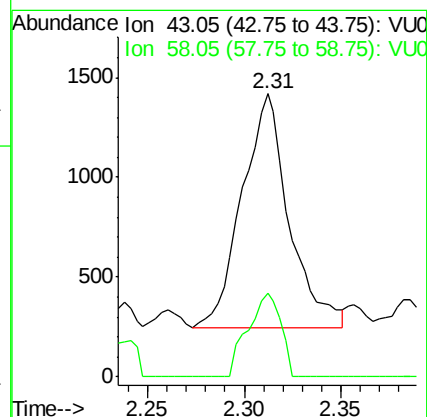
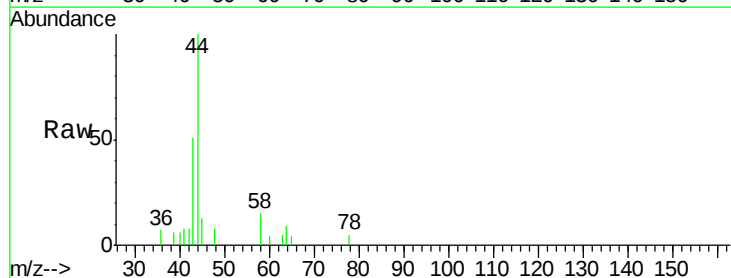
Acq: 26 Sep 2019 22:04

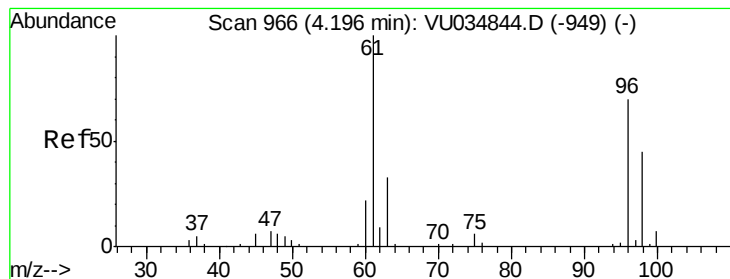
Tgt Ion: 43 Resp: 1998

Ion Ratio Lower Upper

43 100

58 24.7 0.0 57.8



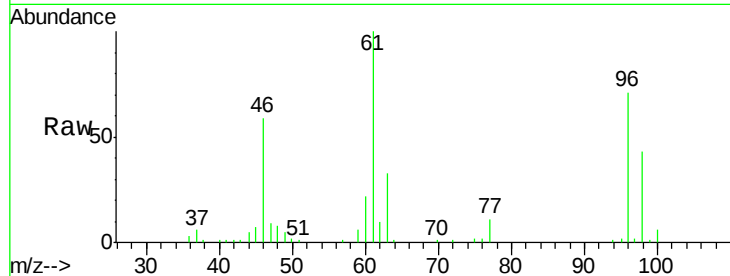


#22

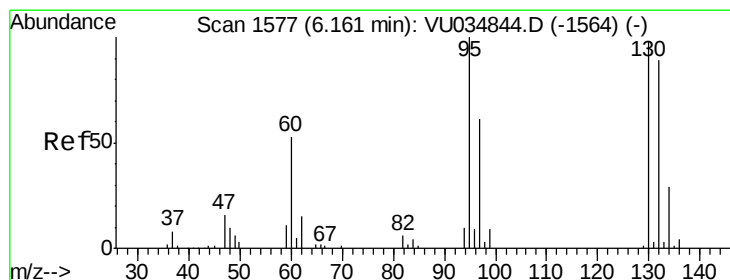
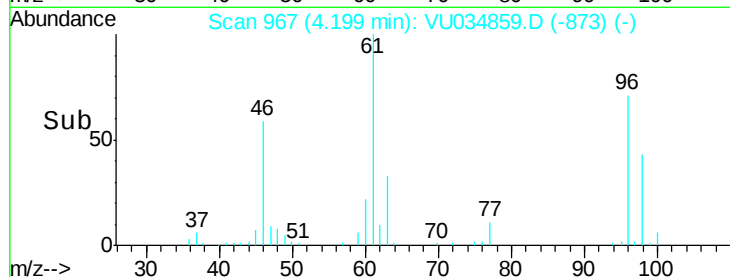
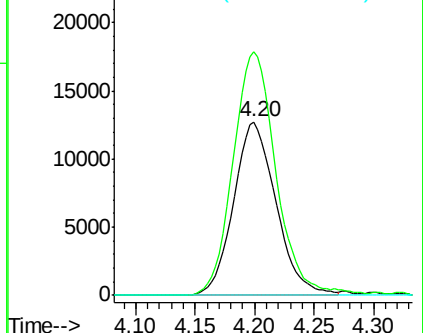
cis-1,2-Dichloroethene
Concen: 5.085 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU034859.D
Acq: 26 Sep 2019 22:04

Instrument :
MSVOA_U
ClientSampleId :
CWK38

Tot Ion: 96 Resp: 31435
Ion Ratio Lower Upper
96 100
61 140.3 100.0 185.8
68 0.0 0.0 0.0



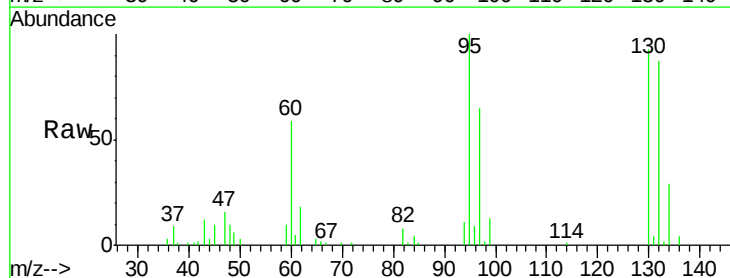
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



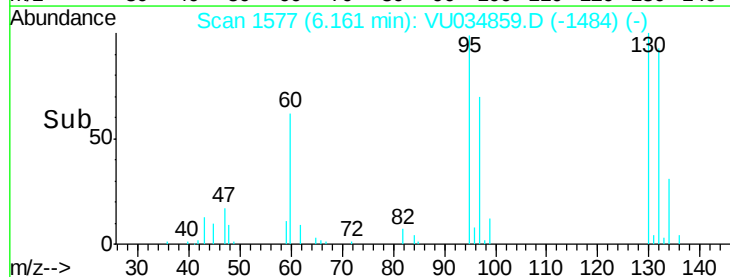
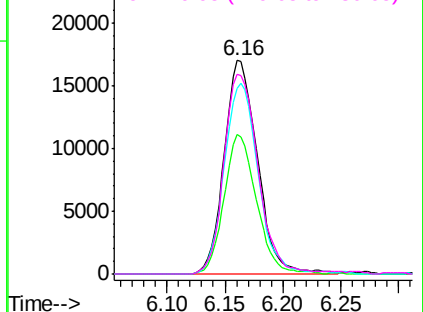
#34

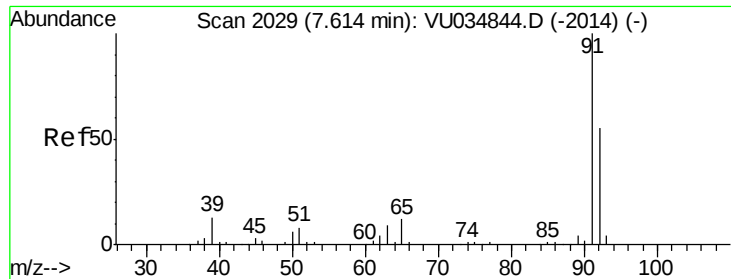
Trichloroethene
Concen: 5.762 ug/L
RT: 6.16 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VU034859.D
Acq: 26 Sep 2019 22:04

Tgt Ion: 95 Resp: 33831
Ion Ratio Lower Upper
95 100
97 65.2 45.2 84.0
132 87.0 60.9 113.1
130 93.3 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: 19.331 ug/L

RT: 7.61 min Scan# 2029

Delta R.T. -0.00 min

Lab File: VU034859.D

Acq: 26 Sep 2019 22:04

Instrument :

MSVOA_U

ClientSampleId :

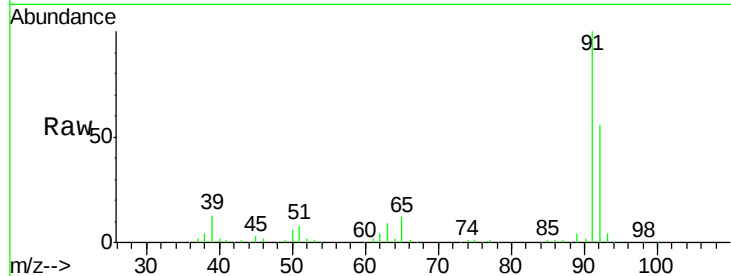
CWK38

Tot Ion: 91 Resp: 492083

Ion Ratio Lower Upper

91 100

92 56.0 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VU034844.D (-2014) (-)

Ion 92.15 (91.85 to 92.85): VU034844.D (-2014) (-)

7.61

300000

250000

200000

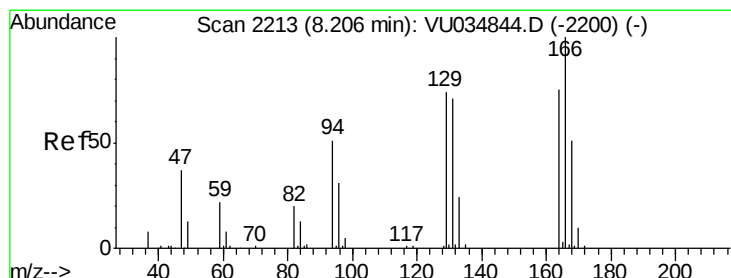
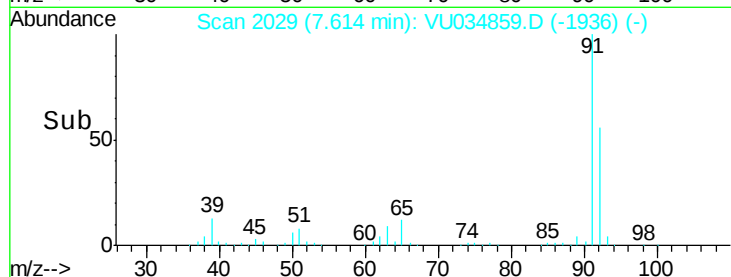
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#47

Tetrachloroethene

Concen: 1.527 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034859.D

Acq: 26 Sep 2019 22:04

Tgt Ion: 164 Resp: 5436

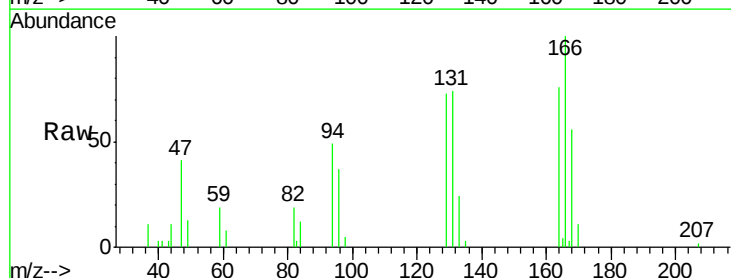
Ion Ratio Lower Upper

164 100

129 95.2 73.6 136.8

131 97.5 73.4 136.4

166 131.1 90.6 168.3



Abundance Ion 163.90 (163.60 to 164.60): VU034844.D (-2200) (-)

Ion 128.95 (128.65 to 129.65): VU034844.D (-2200) (-)

Ion 130.95 (130.65 to 131.65): VU034844.D (-2200) (-)

Ion 165.90 (165.60 to 166.60): VU034844.D (-2200) (-)

6000

5000

4000

3000

2000

1000

0

Time--> 8.15 8.20 8.25

