

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112919\
 Data File : VU035913.D
 Acq On : 29 Nov 2019 11:19
 Operator : JC/SP
 Sample : K6056-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE20

Quant Time: Nov 30 03:40:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 30 03:20:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	314225	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	338400	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	113400	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100282	2.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	48.80%
7) Chloroethane-d5	1.93	69	104286	2.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	58.60%#
11) 1,1-Dichloroethene-d2	2.59	63	120865	1.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	31.60%#
20) 2-Butanone-d5	4.70	46	350031	36.85	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.70%
24) Chloroform-d	5.11	84	213010	3.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.20%#
26) 1,2-Dichloroethane-d4	5.75	65	121736	3.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.40%#
32) Benzene-d6	5.77	84	383633	2.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	59.40%#
36) 1,2-Dichloropropane-d6	6.73	67	140338	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	64.60%
41) Toluene-d8	7.93	98	287677	2.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	48.20%#
43) trans-1,3-Dichloropropene-	8.22	79	47114	2.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.60%
46) 2-Hexanone-d5	8.68	63	295036	43.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.72%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	125145	3.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	98238	3.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.80%#

Target Compounds

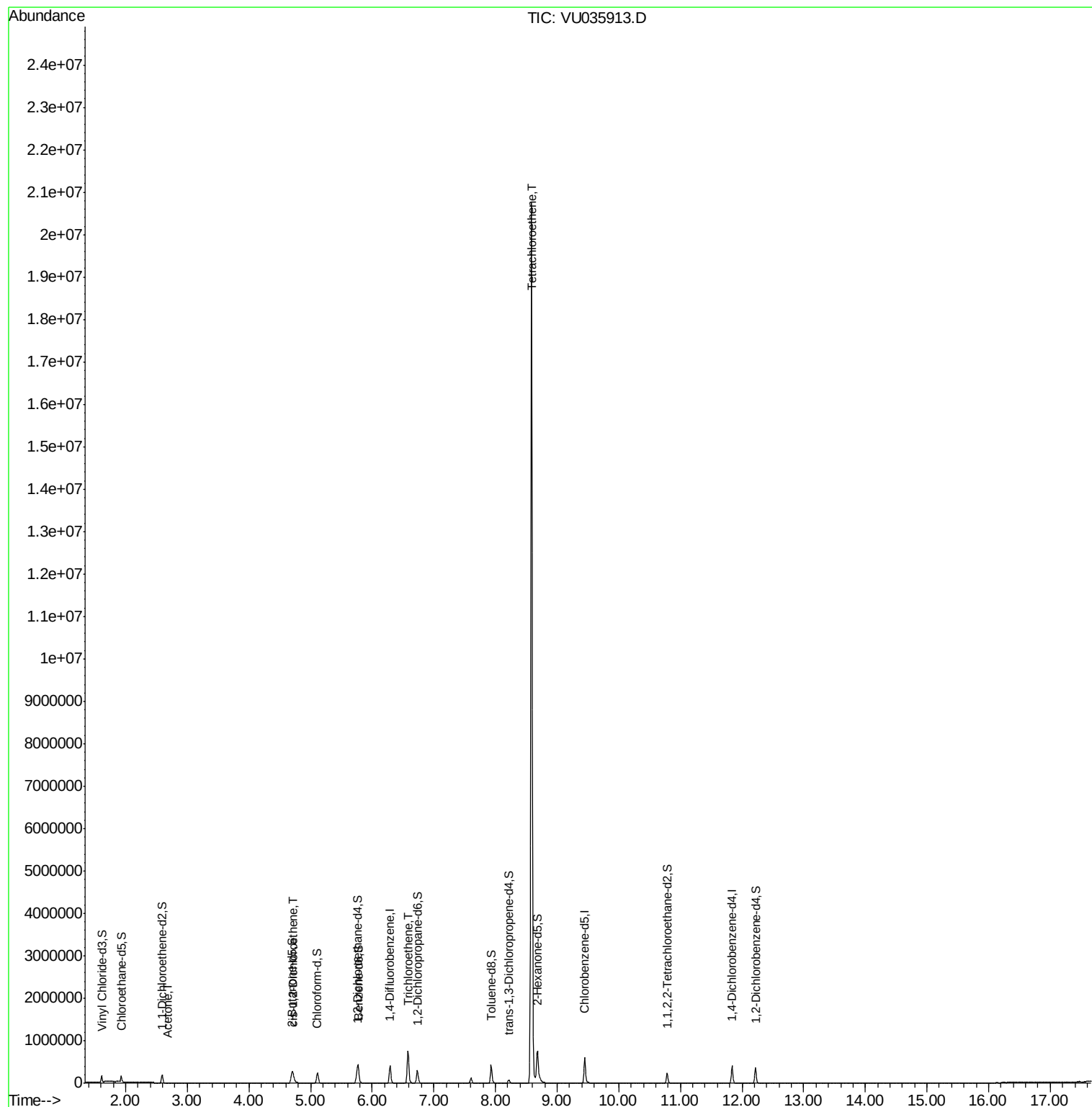
					Ovalue
13) Acetone	2.68	43	10083	1.209	ug/L 93
22) cis-1,2-Dichloroethene	4.72	96	63666	1.775	ug/L 100
34) Trichloroethene	6.58	95	266409	7.692	ug/L 97
47) Tetrachloroethene	8.59	164	4577793	173.702	ug/L 98

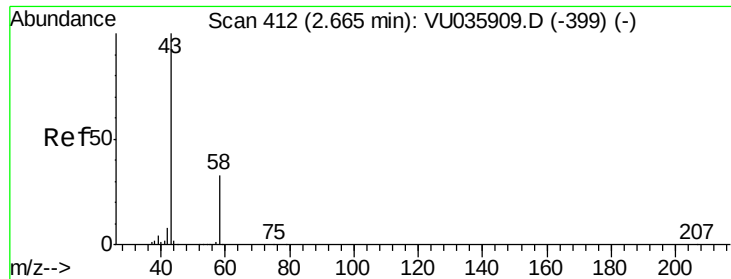
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.209 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.02 min

Lab File: VU035913.D

Acq: 29 Nov 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

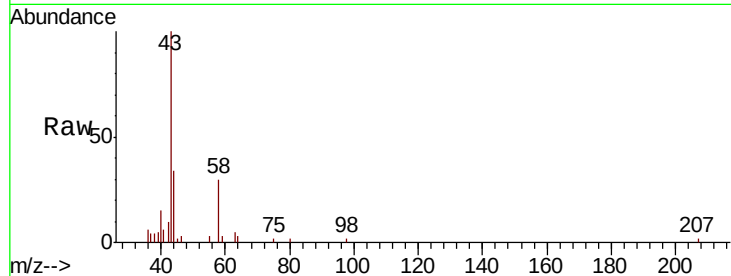
BFE20

Tot Ion: 43 Resp: 10083

Ion Ratio Lower Upper

43 100

58 34.4 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035909.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU035909.D (-399) (-)

5000

4000

3000

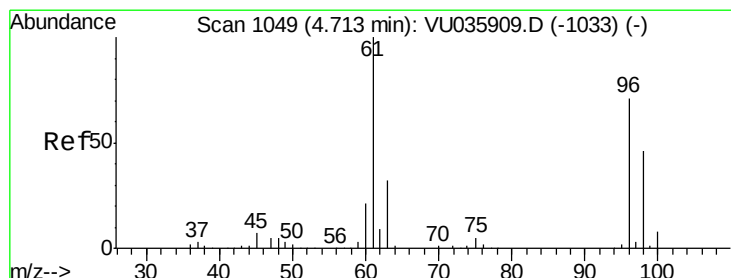
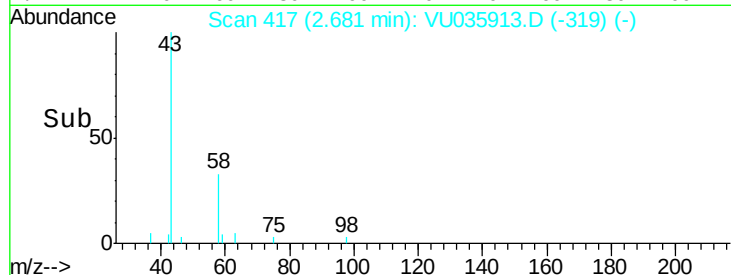
2000

1000

0

Time--> 2.60 2.65 2.70 2.75

2.68



#22

cis-1,2-Dichloroethene

Concen: 1.775 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.01 min

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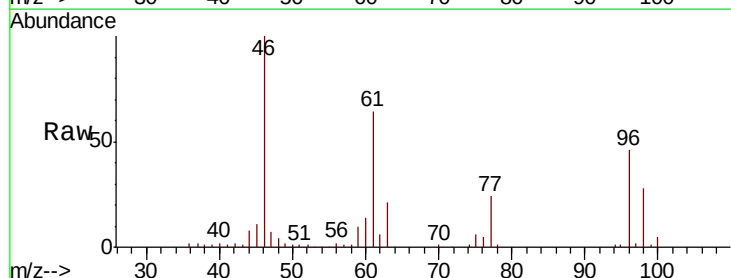
Tgt Ion: 96 Resp: 63666

Ion Ratio Lower Upper

96 100

61 140.1 98.1 182.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035909.D (-1033) (-)

Ion 61.05 (60.75 to 61.75): VU035909.D (-1033) (-)

Ion 68.15 (67.85 to 68.85): VU035909.D (-1033) (-)

50000

40000

30000

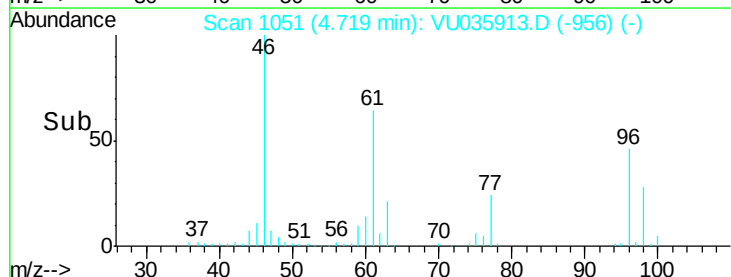
20000

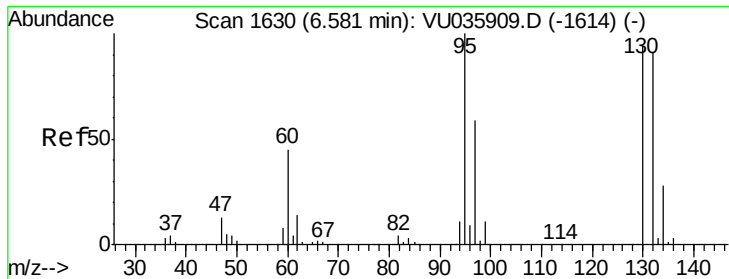
10000

0

Time--> 4.60 4.70 4.80

4.72

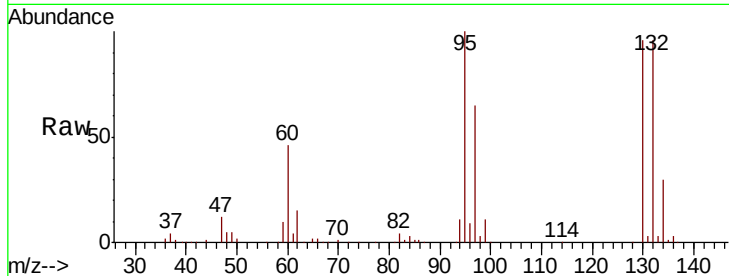




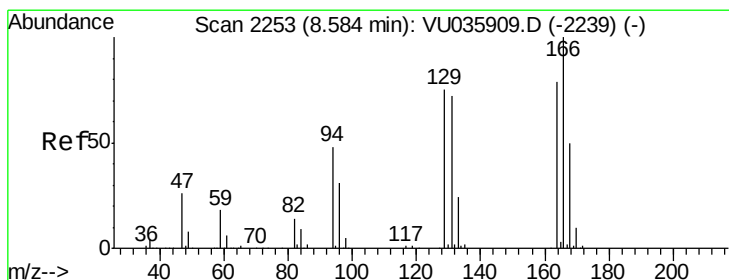
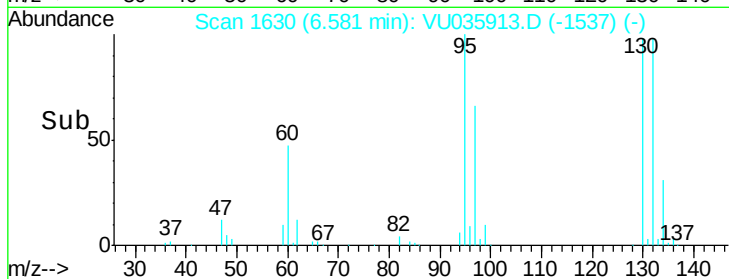
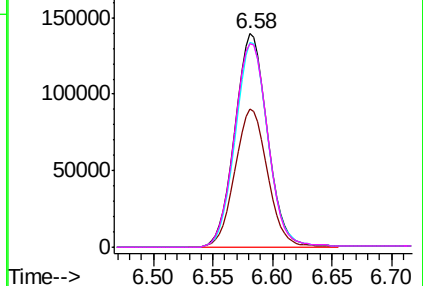
#34
 Trichloroethene
 Concen: 7.692 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU035913.D
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Tot Ion: 95 Resp: 266409
 Ion Ratio Lower Upper
 95 100
 97 64.6 45.1 83.9
 132 95.7 61.9 114.9
 130 95.6 66.3 123.1

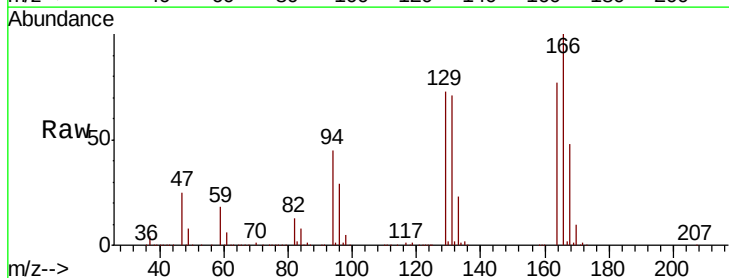


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 173.702 ug/L
 RT: 8.59 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VU035913.D
 Acq: 29 Nov 2019 11:19

Tgt Ion: 164 Resp: 4577793
 Ion Ratio Lower Upper
 164 100
 129 95.7 68.8 127.8
 131 92.6 67.3 124.9
 166 130.5 91.6 170.2



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

