

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100719\
 Data File : VU034964.D
 Acq On : 07 Oct 2019 16:59
 Operator : JC/SP
 Sample : K5219-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DW-2-001-01

Quant Time: Oct 09 04:49:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 03:56:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	180268	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	180659	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	71497	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	46263	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.68	69	44979	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.26	63	70801	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.17	46	141434	45.07	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.14%
24) Chloroform-d	4.62	84	89053	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.29	65	56077	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.32	84	199426	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.31	67	68798	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.54	98	176427	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.84	79	22288	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.30	63	104386	43.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.12%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54484	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	65130	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

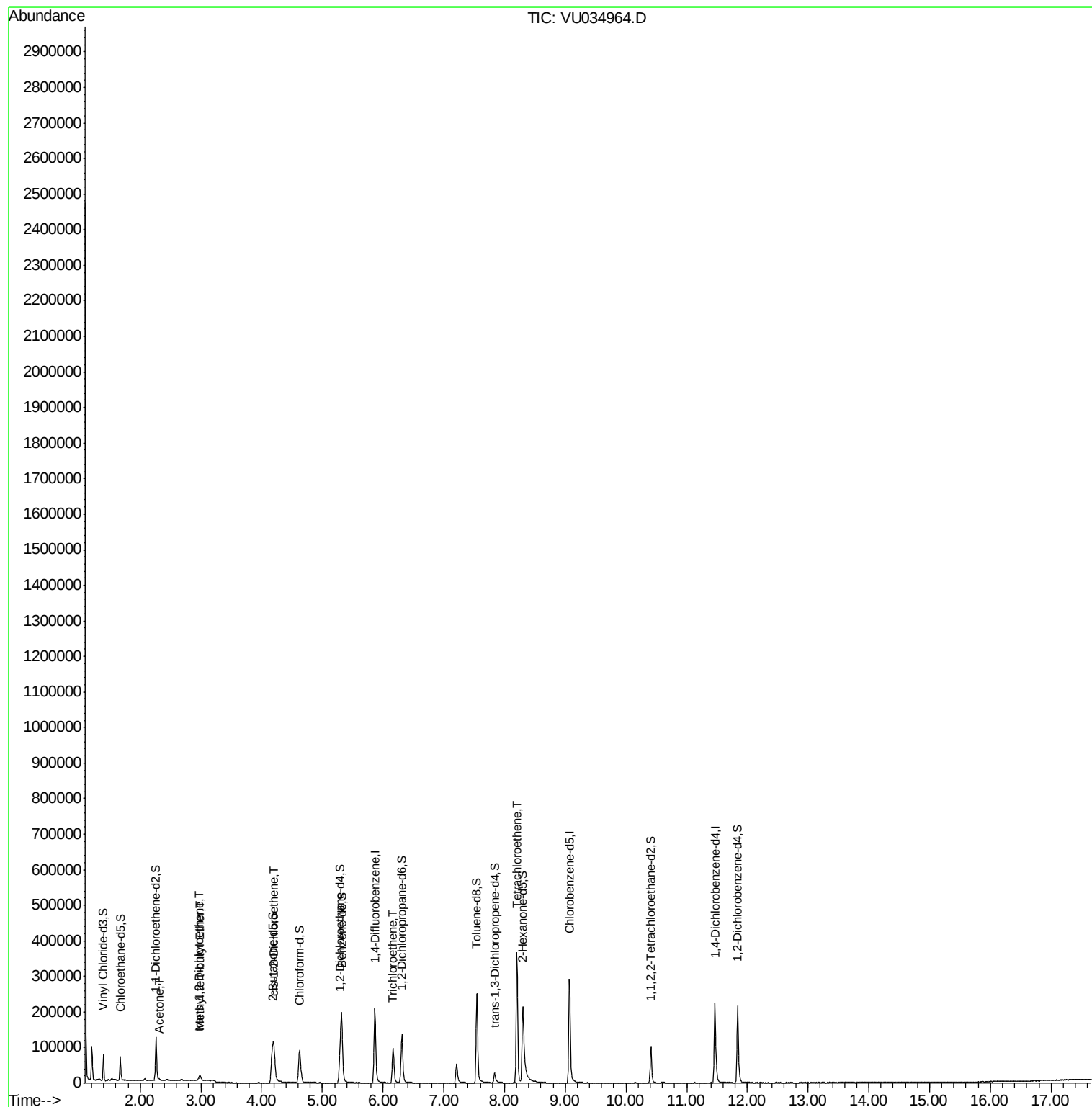
					Ovalue
13) Acetone	2.31	43	5258	2.046 ug/L	98
17) Methyl tert-butyl Ether	2.99	73	15180	0.481 ug/L	95
18) trans-1,2-Dichloroethene	2.96	96	1281	0.103 ug/L	95
22) cis-1,2-Dichloroethene	4.20	96	49749	3.597 ug/L	93
34) Trichloroethene	6.16	95	37232	2.653 ug/L	99
47) Tetrachloroethene	8.21	164	81428	7.168 ug/L	99

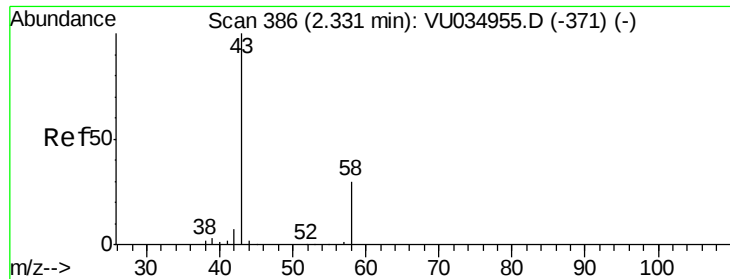
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.046 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

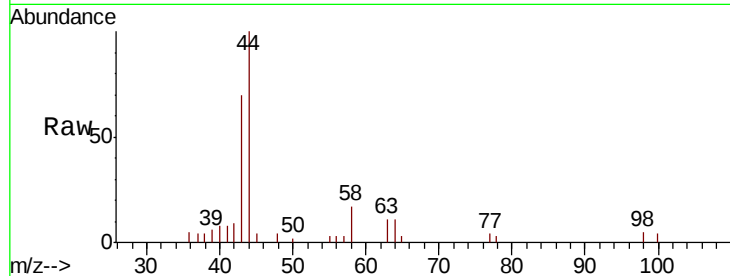
DW-2-001-01

Tot Ion: 43 Resp: 5258

Ion Ratio Lower Upper

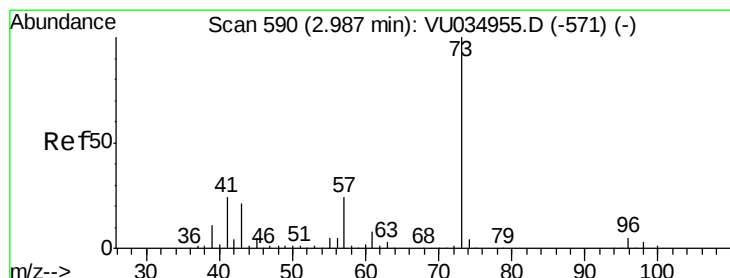
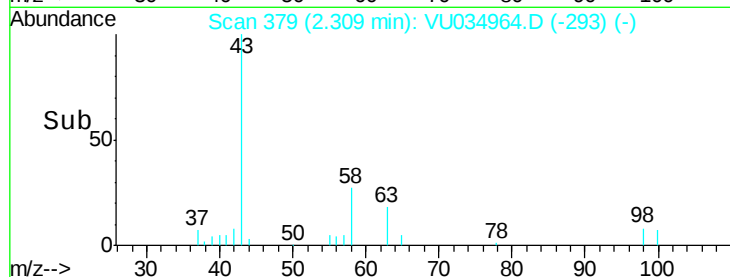
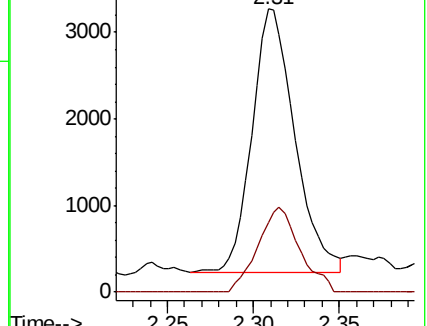
43 100

58 31.4 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU034955.D (-371) (-)

Ion 58.05 (57.75 to 58.75): VU034955.D (-371) (-)



#17

Methyl tert-butyl Ether

Concen: 0.481 ug/L

RT: 2.99 min Scan# 591

Delta R.T. 0.00 min

Lab File: VU034964.D

Acq: 07 Oct 2019 16:59

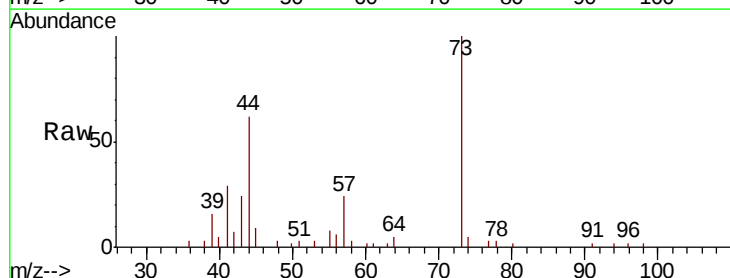
Tgt Ion: 73 Resp: 15180

Ion Ratio Lower Upper

73 100

43 24.9 17.4 26.0

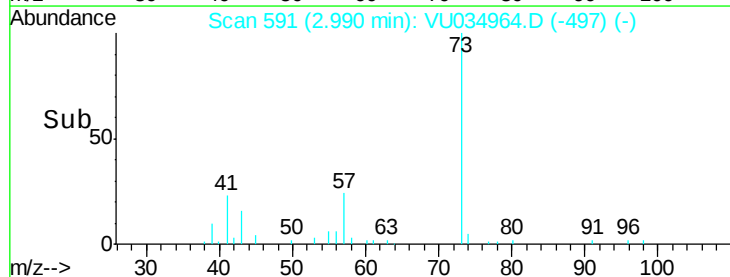
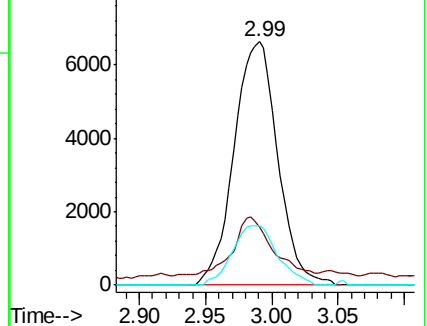
57 25.3 19.2 28.8

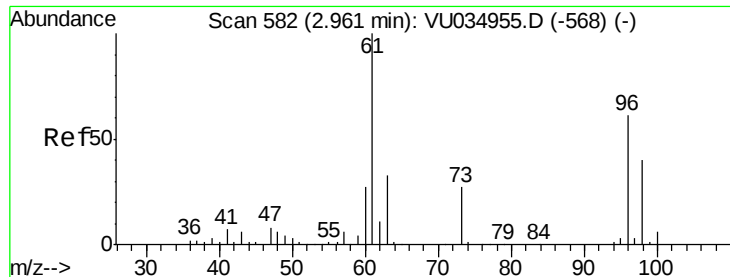


Abundance Ion 73.10 (72.80 to 73.80): VU034955.D (-571) (-)

Ion 43.05 (42.75 to 43.75): VU034955.D (-571) (-)

Ion 57.10 (56.80 to 57.80): VU034955.D (-571) (-)





#18

trans-1,2-Dichloroethene

Concen: 0.103 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU034964.D

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DW-2-001-01

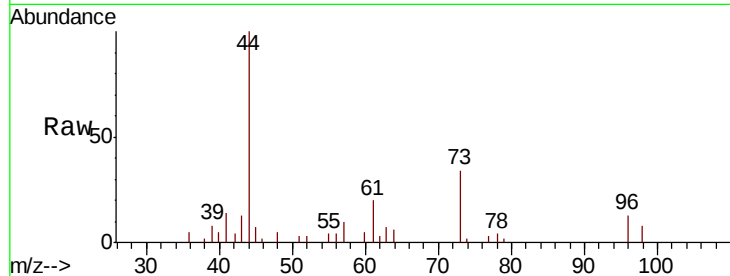
Tot Ion: 96 Resp: 1281

Ion Ratio Lower Upper

96 100

61 152.6 112.3 208.7

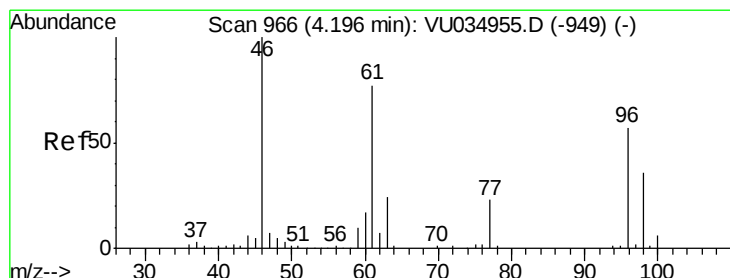
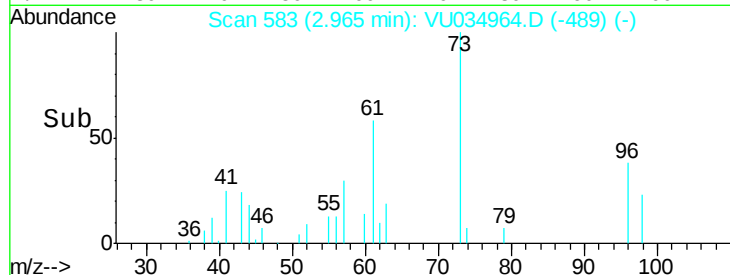
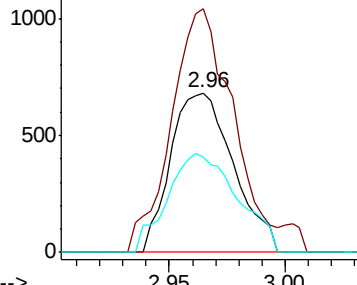
98 59.7 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VU034955.D (-568) (-)

Ion 61.05 (60.75 to 61.75): VU034955.D (-568) (-)

Ion 97.95 (97.65 to 98.65): VU034955.D (-568) (-)



#22

cis-1,2-Dichloroethene

Concen: 3.597 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU034964.D

Acq: 07 Oct 2019 16:59

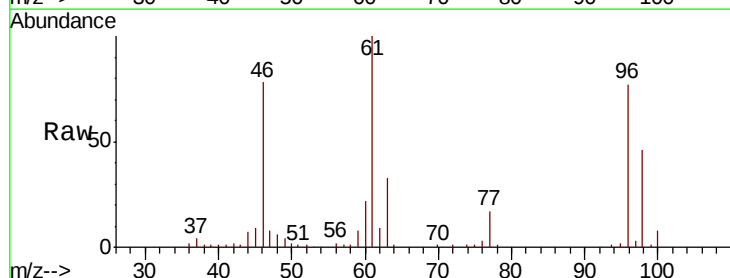
Tgt Ion: 96 Resp: 49749

Ion Ratio Lower Upper

96 100

61 129.8 96.4 179.0

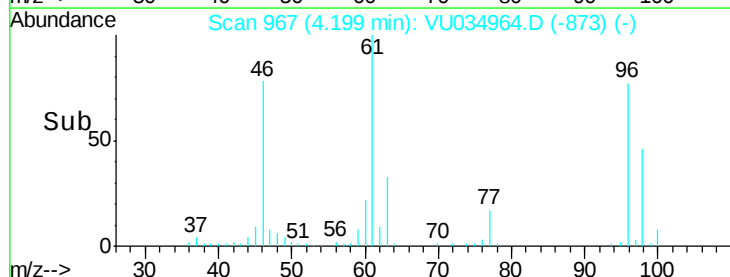
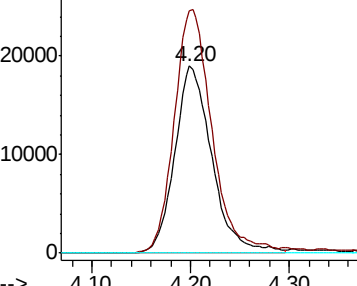
68 0.0 0.0 0.0

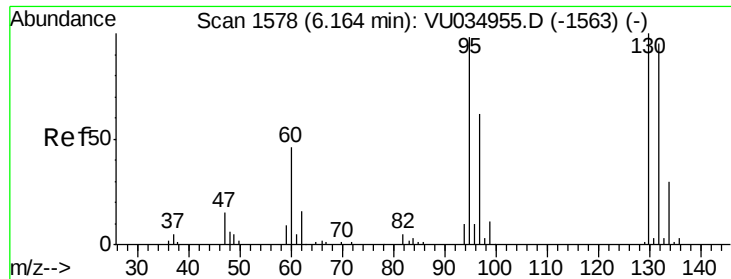


Abundance Ion 96.00 (95.70 to 96.70): VU034955.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU034955.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU034955.D (-949) (-)

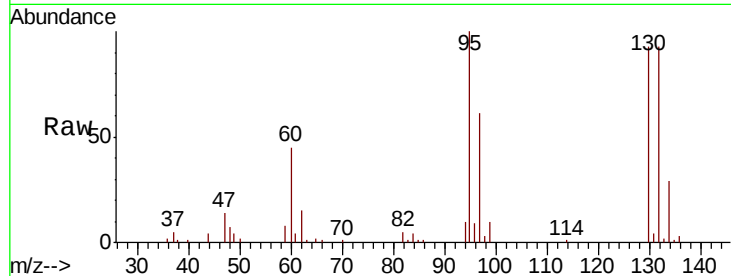




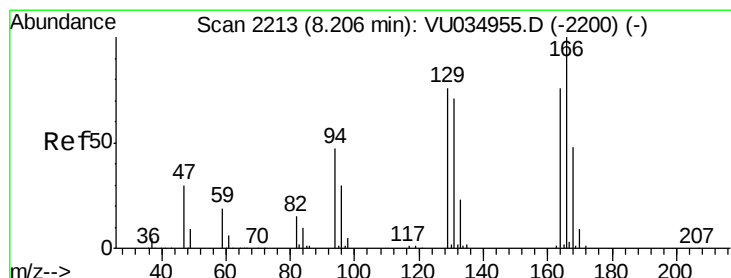
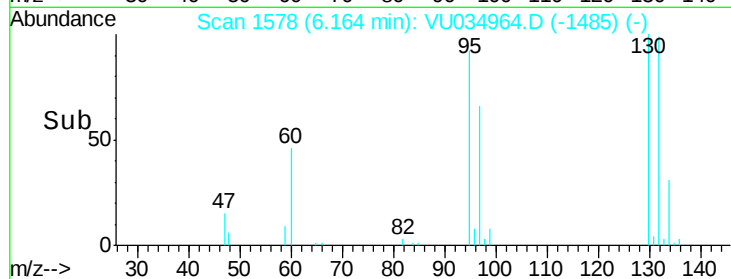
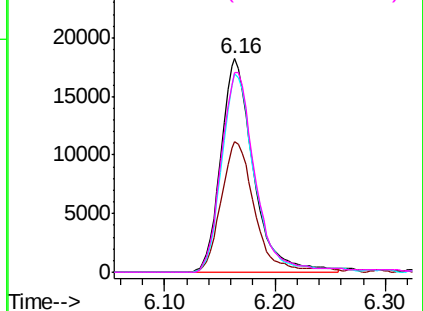
#34
 Trichloroethene
 Concen: 2.653 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU034964.D
 Acq: 07 Oct 2019 16:59

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 MSVOA_U
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 DW-2-001-01

Tot Ion: 95 Resp: 37232
 Ion Ratio Lower Upper
 95 100
 97 61.3 42.5 78.9
 132 92.7 65.8 122.2
 130 93.2 65.0 120.8

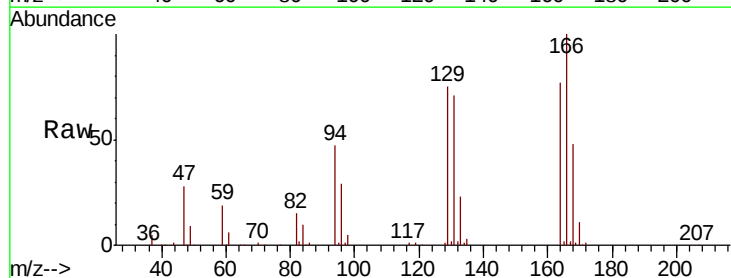


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 7.168 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: VU034964.D
 Acq: 07 Oct 2019 16:59

Tgt Ion: 164 Resp: 81428
 Ion Ratio Lower Upper
 164 100
 129 96.7 66.5 123.5
 131 91.6 63.3 117.7
 166 129.5 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

