

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051219\
 Data File : VU031947.D
 Acq On : 12 May 2019 16:50
 Operator : JC/SP
 Sample : K2791-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D49

Quant Time: May 13 07:37:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 13 07:00:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	464167	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	481039	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	174361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	122846	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.68	69	122223	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.27	63	186956	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	4.21	46	531913	43.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.14%
24) Chloroform-d	4.64	84	278055	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.31	65	157214	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
32) Benzene-d6	5.33	84	532129	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.33	67	190858	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.56	98	389304	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.85	79	54247	3.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.40%
46) 2-Hexanone-d5	8.31	63	364515	45.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	168274	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	149210	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

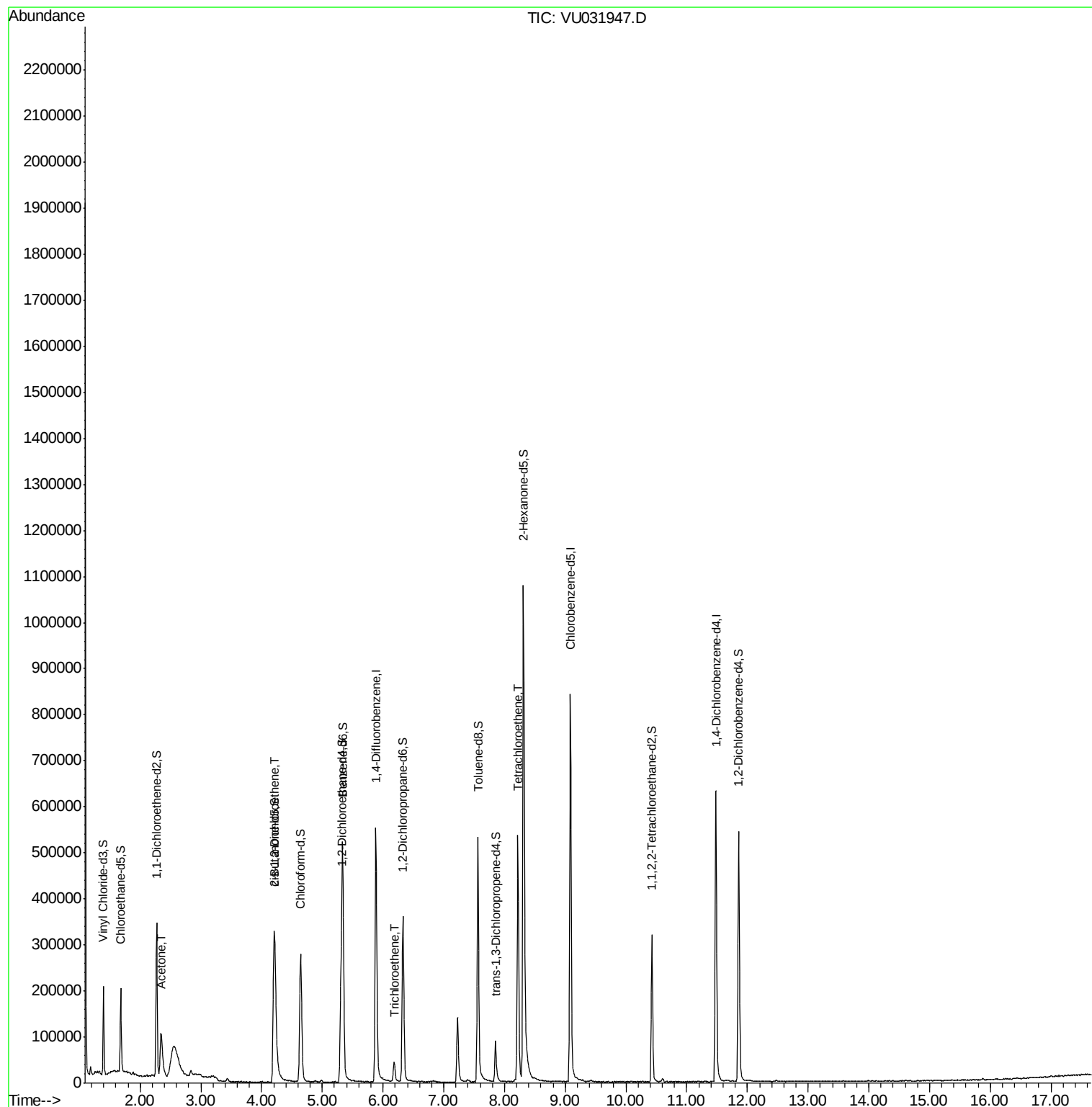
					Ovalue
13) Acetone	2.34	43	156169	18.513	ug/L 85
22) cis-1,2-Dichloroethene	4.22	96	44740	1.095	ug/L 83
34) Trichloroethene	6.19	95	15764	0.373	ug/L 92
47) Tetrachloroethene	8.22	164	122839	4.467	ug/L 96

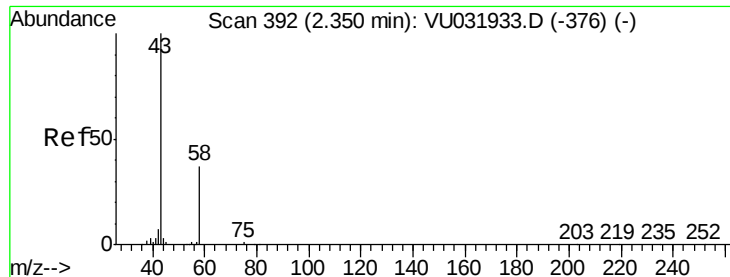
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.513 ug/L

RT: 2.34 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU031947.D

Acq: 12 May 2019 16:50

Instrument :

MSVOA_U

ClientSampleId :

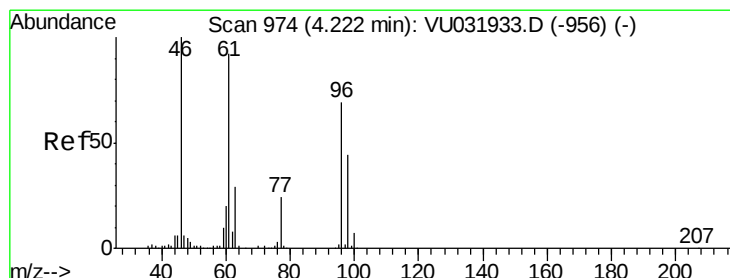
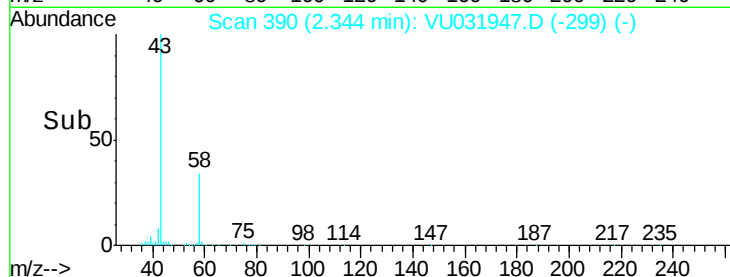
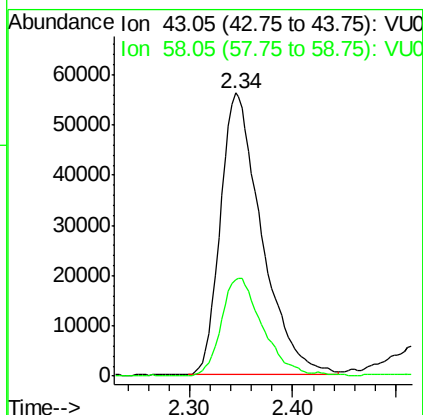
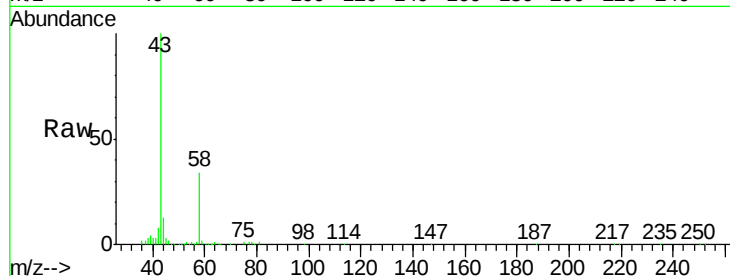
F9D49

Tot Ion: 43 Resp: 156169

Ion Ratio Lower Upper

43 100

58 34.5 0.0 53.6



#22

cis-1,2-Dichloroethene

Concen: 1.095 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU031947.D

Acq: 12 May 2019 16:50

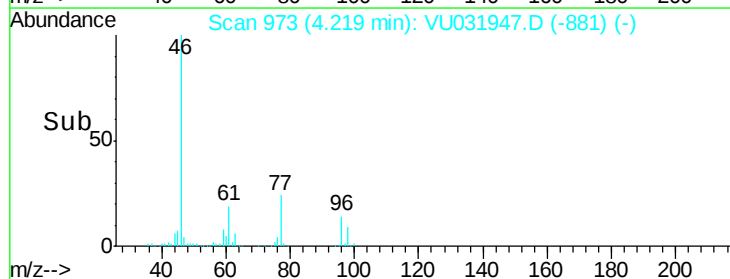
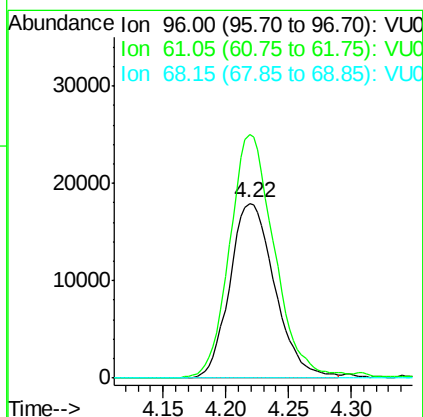
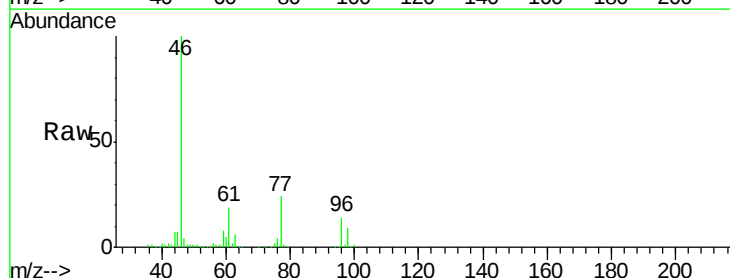
Tgt Ion: 96 Resp: 44740

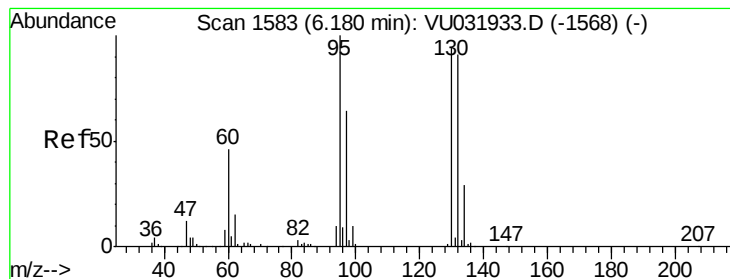
Ion Ratio Lower Upper

96 100

61 139.2 113.3 210.5

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.373 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU031947.D

Acq: 12 May 2019 16:50

Instrument :

MSVOA_U

ClientSampled :

F9D49

Tot Ion: 95 Resp: 15764

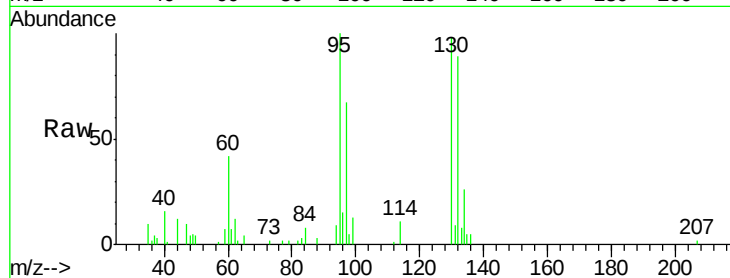
Ion Ratio Lower Upper

95 100

97 66.5 45.8 85.2

132 88.6 56.0 104.0

130 97.8 60.4 112.2

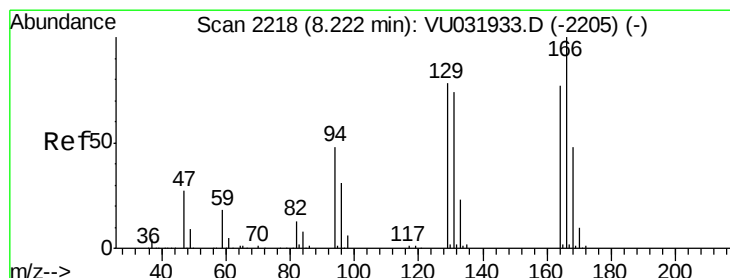
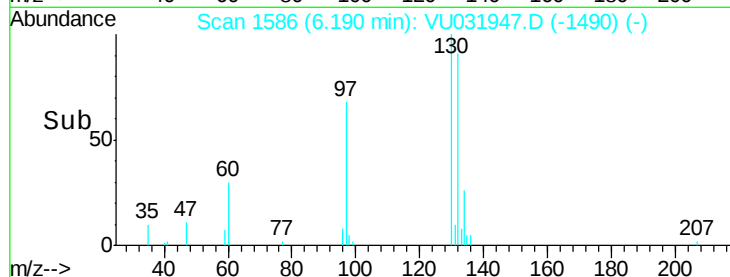
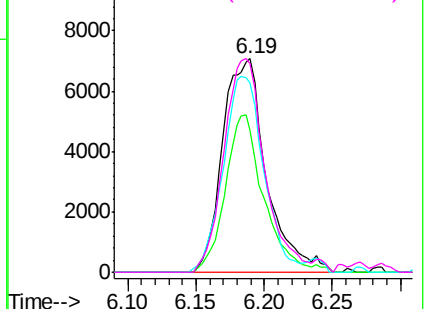


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.467 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031947.D

Acq: 12 May 2019 16:50

Tgt Ion: 164 Resp: 122839

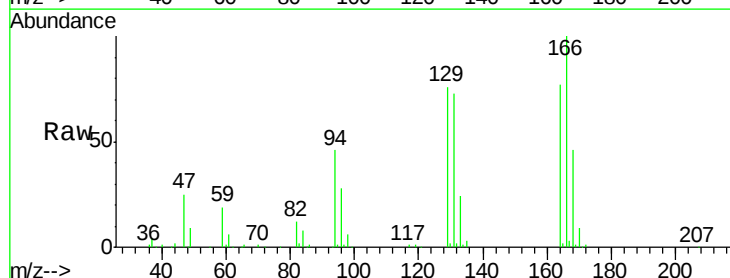
Ion Ratio Lower Upper

164 100

129 98.5 70.3 130.5

131 94.6 65.4 121.4

166 130.3 86.0 159.8



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

