

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032082.D
 Acq On : 17 May 2019 05:47
 Operator : JC/SP
 Sample : K2859-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W21

Quant Time: May 17 12:40:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 17 08:41:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	377300	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	392918	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	152908	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	142421	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.68	69	120449	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.27	63	203916	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	4.21	46	274910	44.06	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.12%
24) Chloroform-d	4.64	84	253162	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.31	65	128956	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.33	84	528298	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.33	67	151096	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.56	98	442054	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.85	79	48631	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.31	63	242203	42.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	127729	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	158424	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

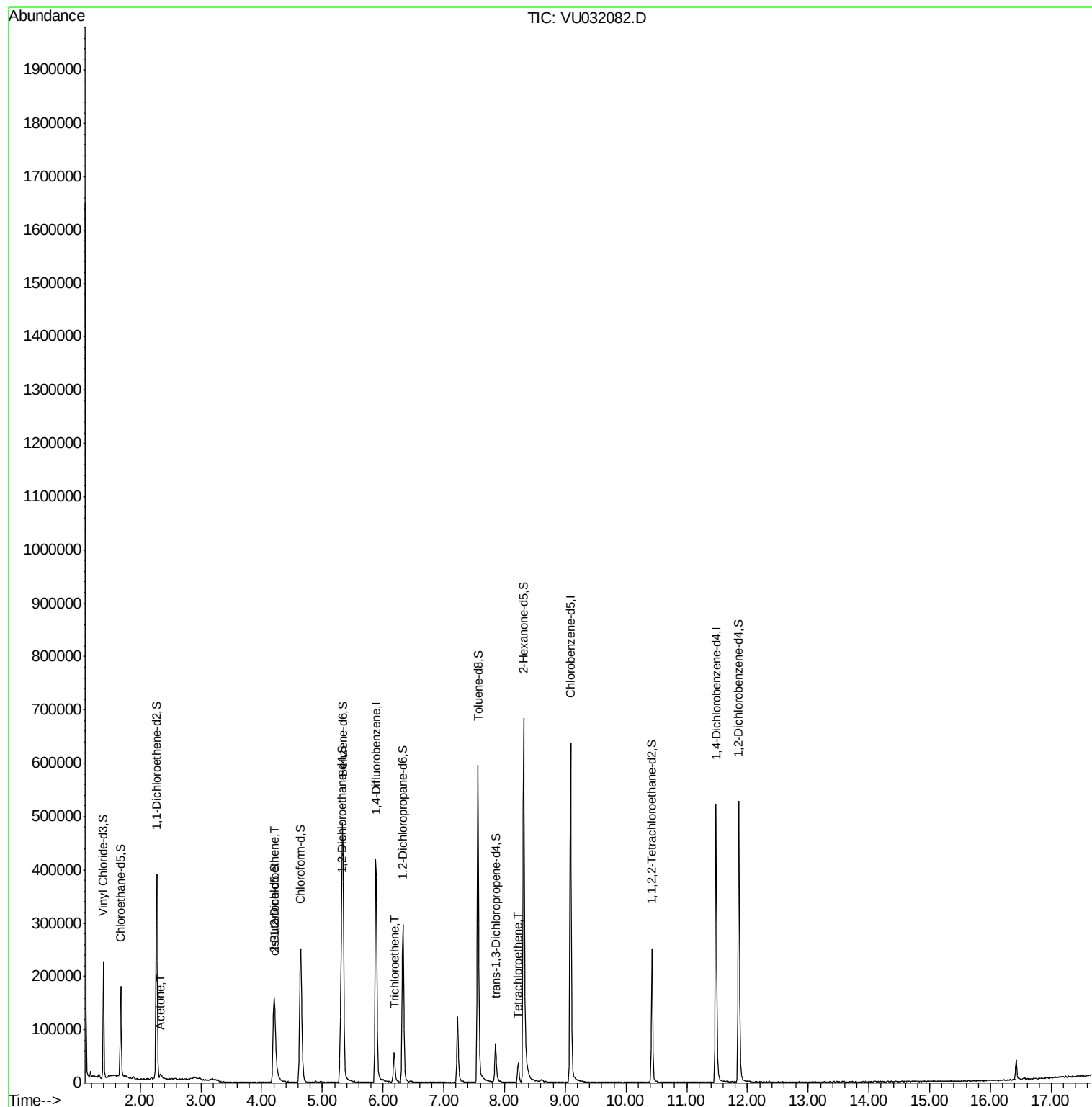
					Ovalue
13) Acetone	2.34	43	8359	4.081	ug/L 91
22) cis-1,2-Dichloroethene	4.22	96	5616	0.352	ug/L 91
34) Trichloroethene	6.18	95	19526	1.193	ug/L 93
47) Tetrachloroethene	8.22	164	8982	0.734	ug/L 90

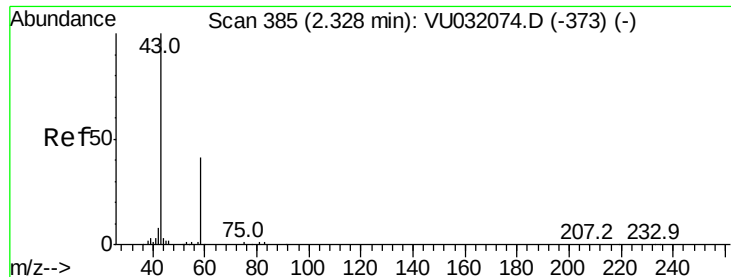
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.081 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.02 min

Lab File: VU032082.D

Acq: 17 May 2019 05:47

Instrument :

MSVOA_U

ClientSampleId :

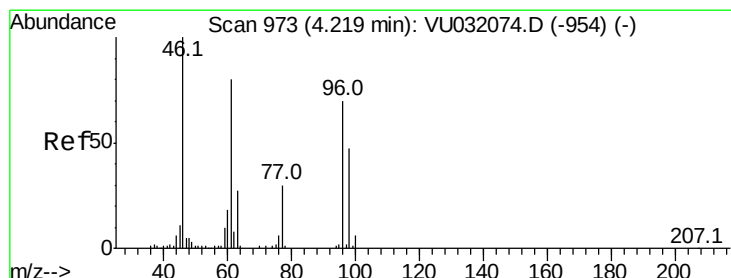
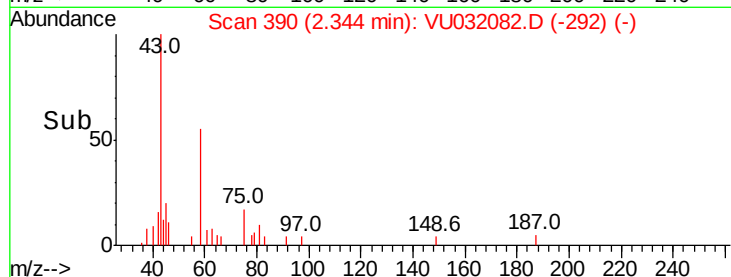
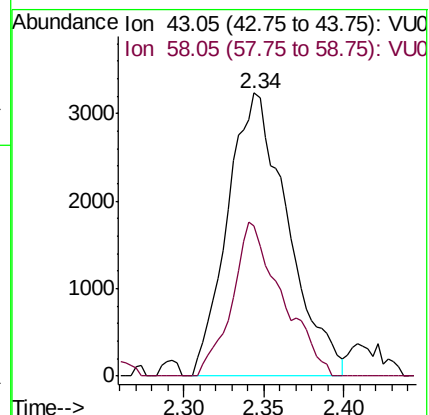
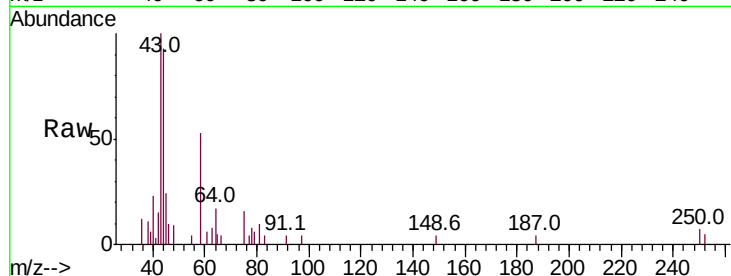
F9W21

Tot Ion: 43 Resp: 8359

Ion Ratio Lower Upper

43 100

58 45.0 0.0 78.8



#22

cis-1,2-Dichloroethene

Concen: 0.352 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU032082.D

Acq: 17 May 2019 05:47

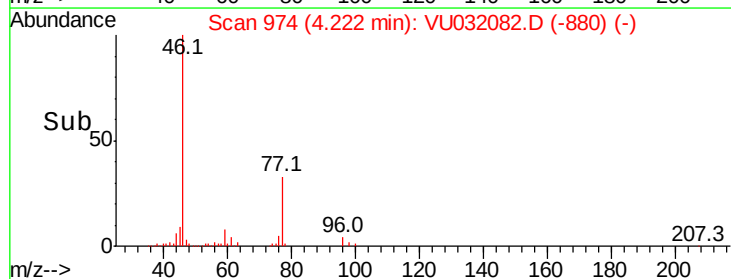
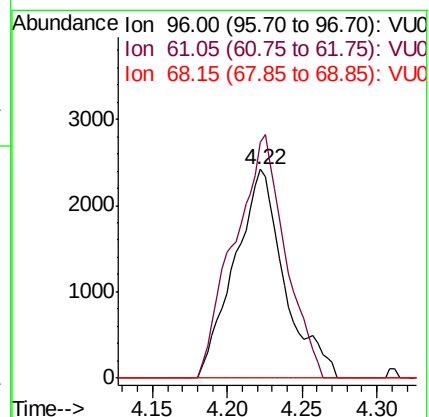
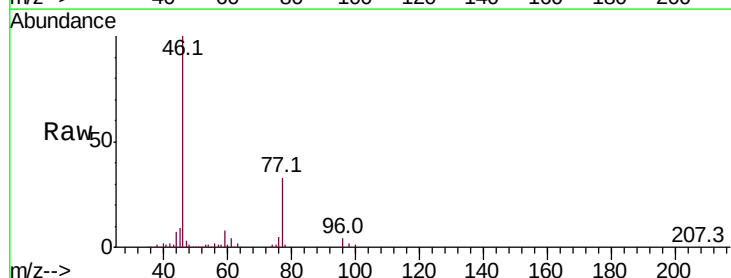
Tgt Ion: 96 Resp: 5616

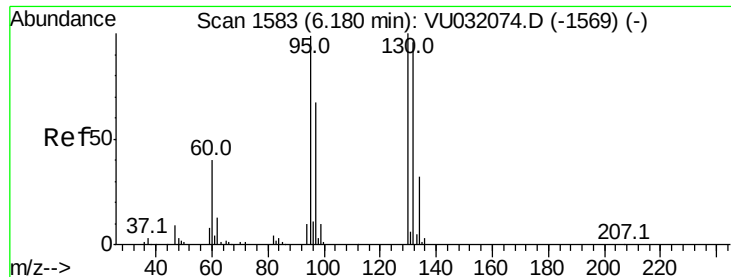
Ion Ratio Lower Upper

96 100

61 112.9 85.8 159.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.193 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032082.D

Acq: 17 May 2019 05:47

Instrument :

MSVOA_U

ClientSampleId :

F9W21

Tot Ion: 95 Resp: 19526

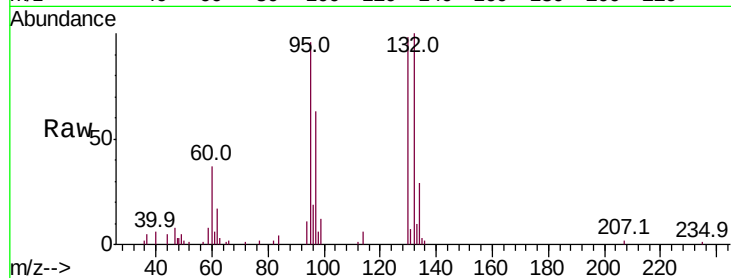
Ion Ratio Lower Upper

95 100

97 65.9 45.2 84.0

132 104.4 66.1 122.7

130 102.4 66.7 123.9

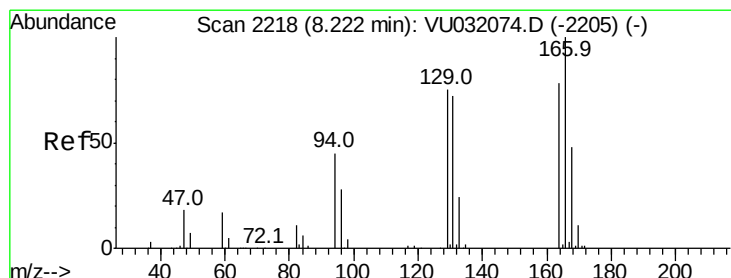
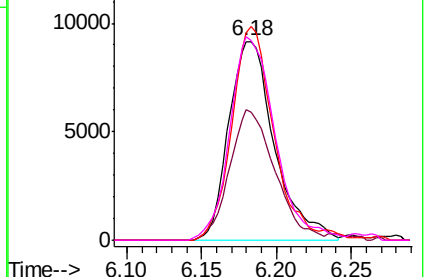
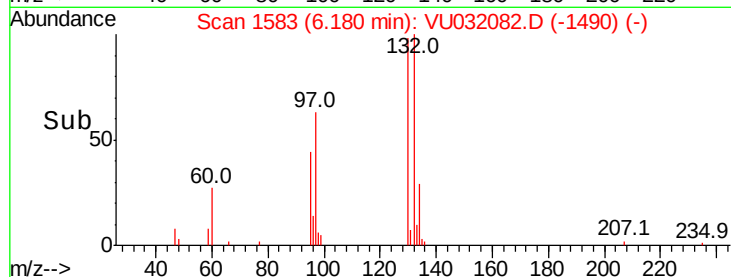


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.734 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032082.D

Acq: 17 May 2019 05:47

Tgt Ion: 164 Resp: 8982

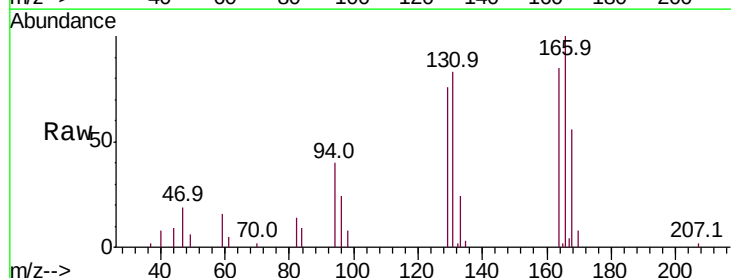
Ion Ratio Lower Upper

164 100

129 90.2 70.3 130.5

131 97.9 64.5 119.9

166 118.3 92.3 171.5



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

