

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032083.D
 Acq On : 17 May 2019 06:11
 Operator : JC/SP
 Sample : K2859-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W22

Quant Time: May 17 12:44:03 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	387343	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	390693	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153482	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143579	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.68	69	120436	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.27	63	201917	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.20	46	270328	42.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.40%
24) Chloroform-d	4.64	84	254730	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.31	65	128087	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.33	84	535170	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.32	67	150475	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.56	98	443456	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.85	79	48522	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.31	63	240298	42.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	124563	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	160117	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

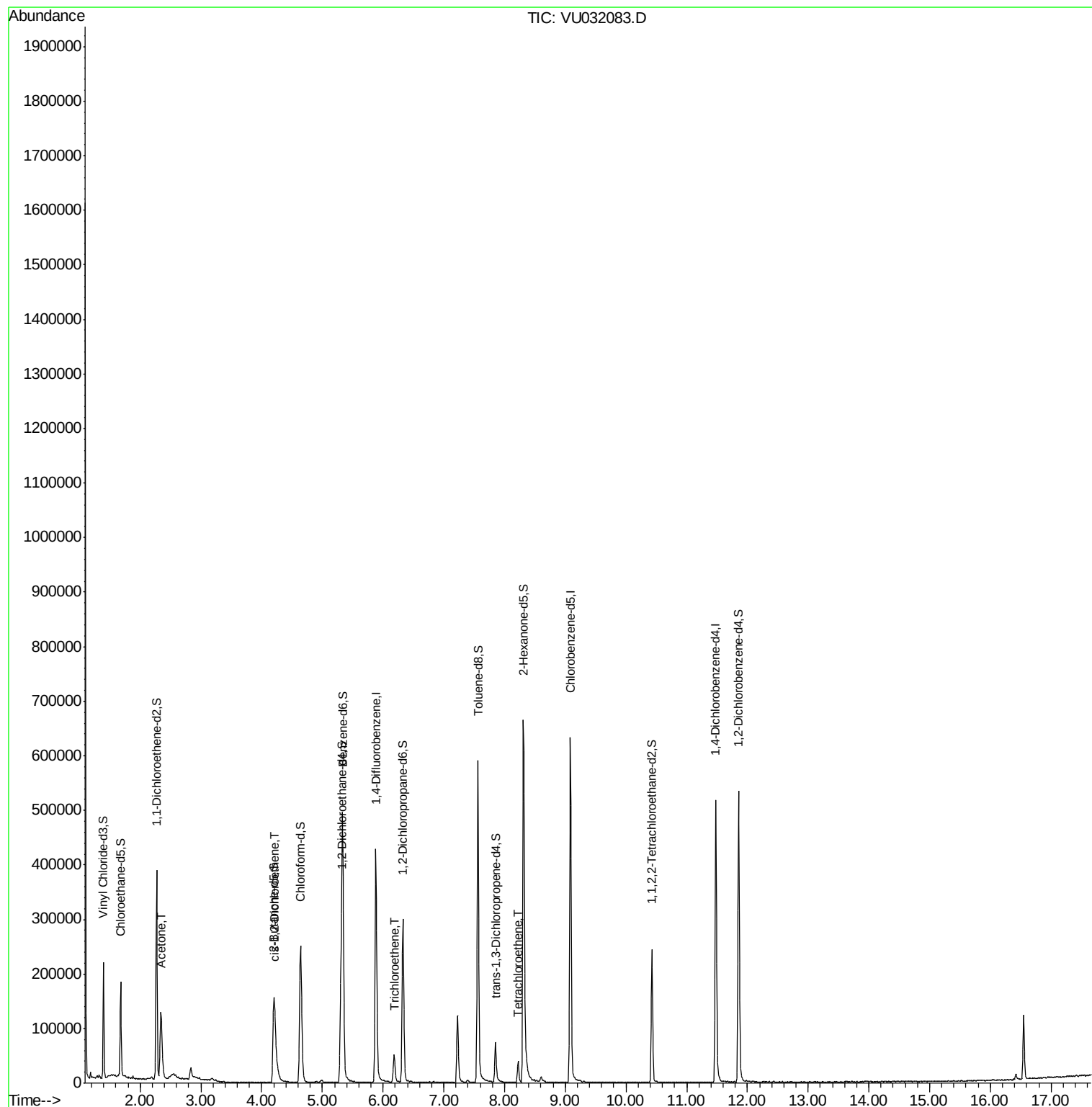
					Ovalue
13) Acetone	2.34	43	174022	82.752 ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	5234	0.320 ug/L	76
34) Trichloroethene	6.18	95	17720	1.089 ug/L	96
47) Tetrachloroethene	8.22	164	10041	0.825 ug/L	99

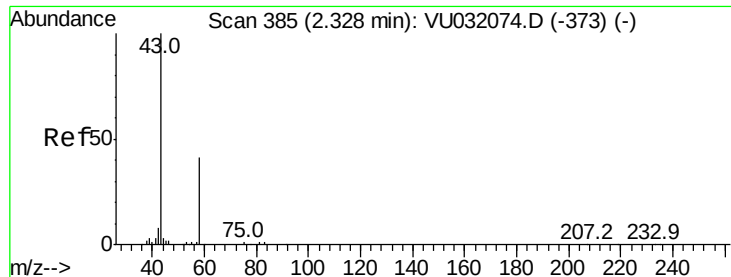
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 82.752 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.02 min

Lab File: VU032083.D

Acq: 17 May 2019 06:11

Instrument :

MSVOA_U

ClientSampleId :

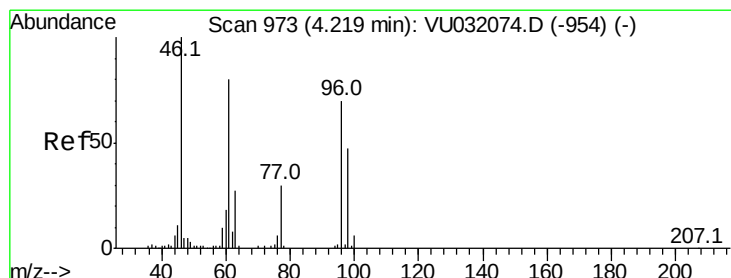
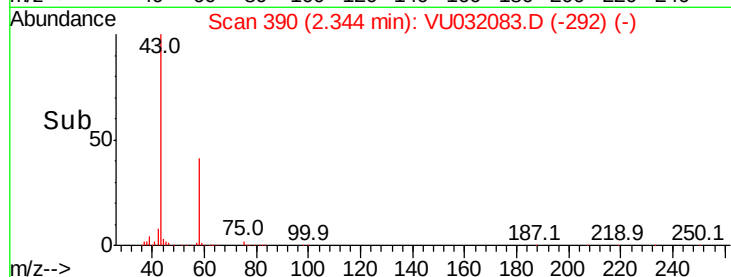
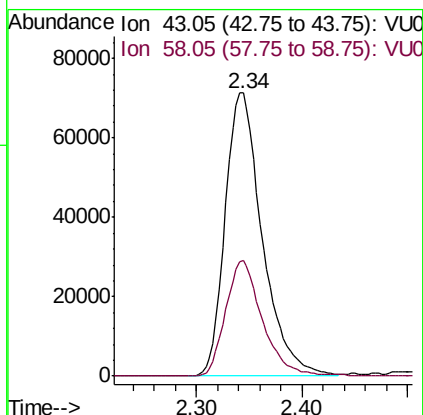
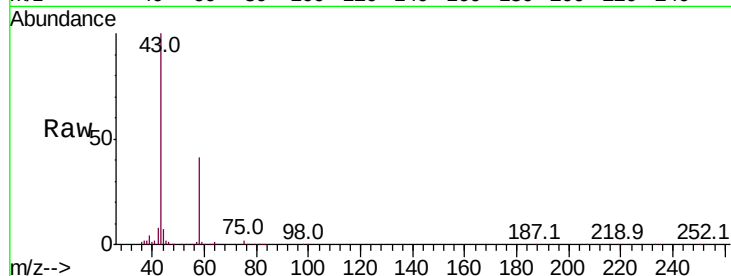
F9W22

Tot Ion: 43 Resp: 174022

Ion Ratio Lower Upper

43 100

58 40.1 0.0 78.8



#22

cis-1,2-Dichloroethene

Concen: 0.320 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.01 min

Lab File: VU032083.D

Acq: 17 May 2019 06:11

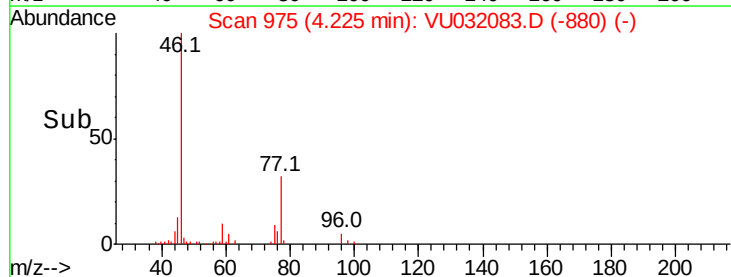
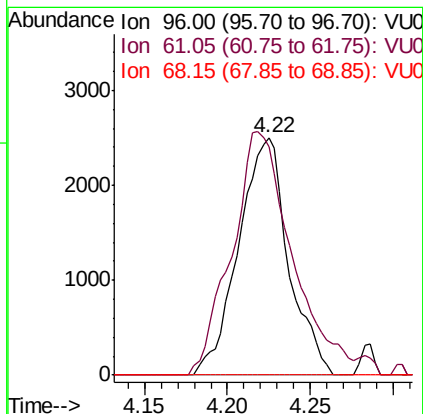
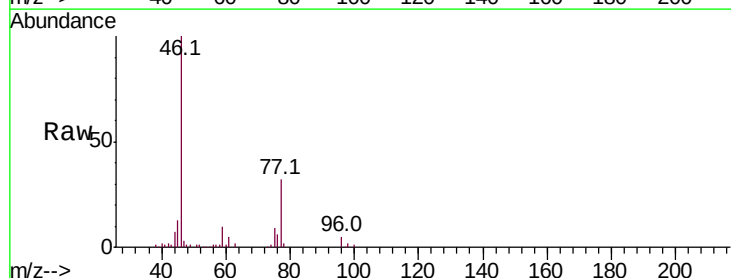
Tgt Ion: 96 Resp: 5234

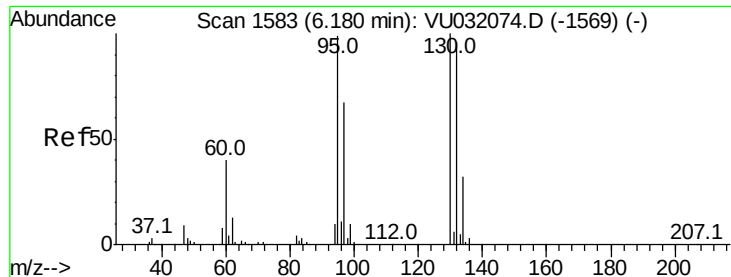
Ion Ratio Lower Upper

96 100

61 95.7 85.8 159.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.089 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032083.D

Acq: 17 May 2019 06:11

Instrument :

MSVOA_U

ClientSampleId :

F9W22

Tot Ion: 95 Resp: 17720

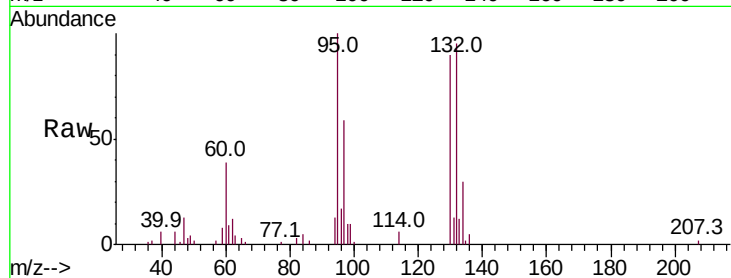
Ion Ratio Lower Upper

95 100

97 58.9 45.2 84.0

132 94.8 66.1 122.7

130 90.3 66.7 123.9

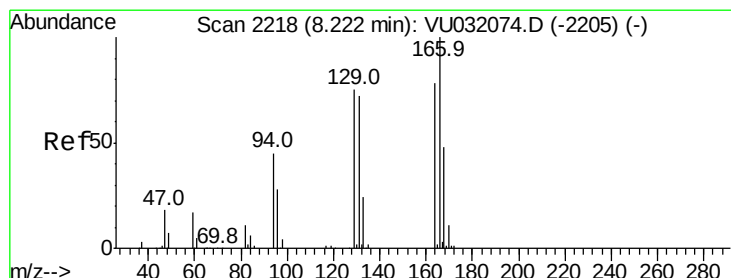
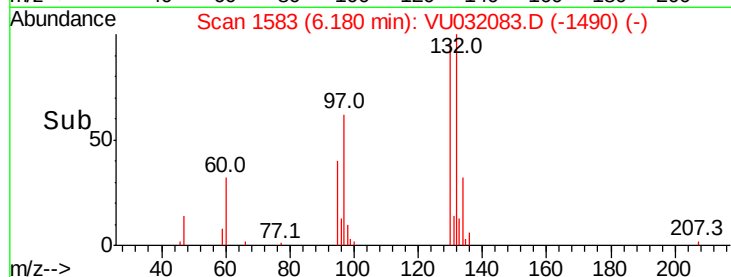
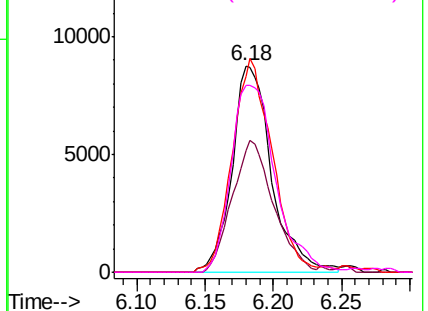


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.825 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032083.D

Acq: 17 May 2019 06:11

Tgt Ion:164 Resp: 10041

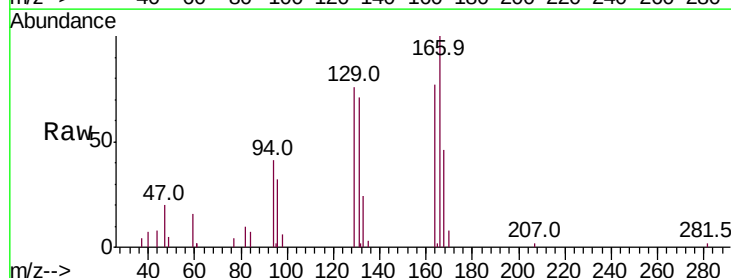
Ion Ratio Lower Upper

164 100

129 98.5 70.3 130.5

131 92.2 64.5 119.9

166 129.8 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

