

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070219\
 Data File : VU033145.D
 Acq On : 02 Jul 2019 16:58
 Operator : JC/SP
 Sample : K3608-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAML7

Quant Time: Jul 03 03:03:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 03 02:14:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	87992	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	91996	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	41801	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34319	6.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	134.80%#
7) Chloroethane-d5	1.68	69	28520	6.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.40%
11) 1,1-Dichloroethene-d2	2.27	63	53924	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.19	46	97603	52.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.28%
24) Chloroform-d	4.64	84	63962	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.30	65	37517	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.33	84	120486	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.32	67	39812	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.56	98	104704	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.85	79	15310	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.31	63	58284	44.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31841	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	42337	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

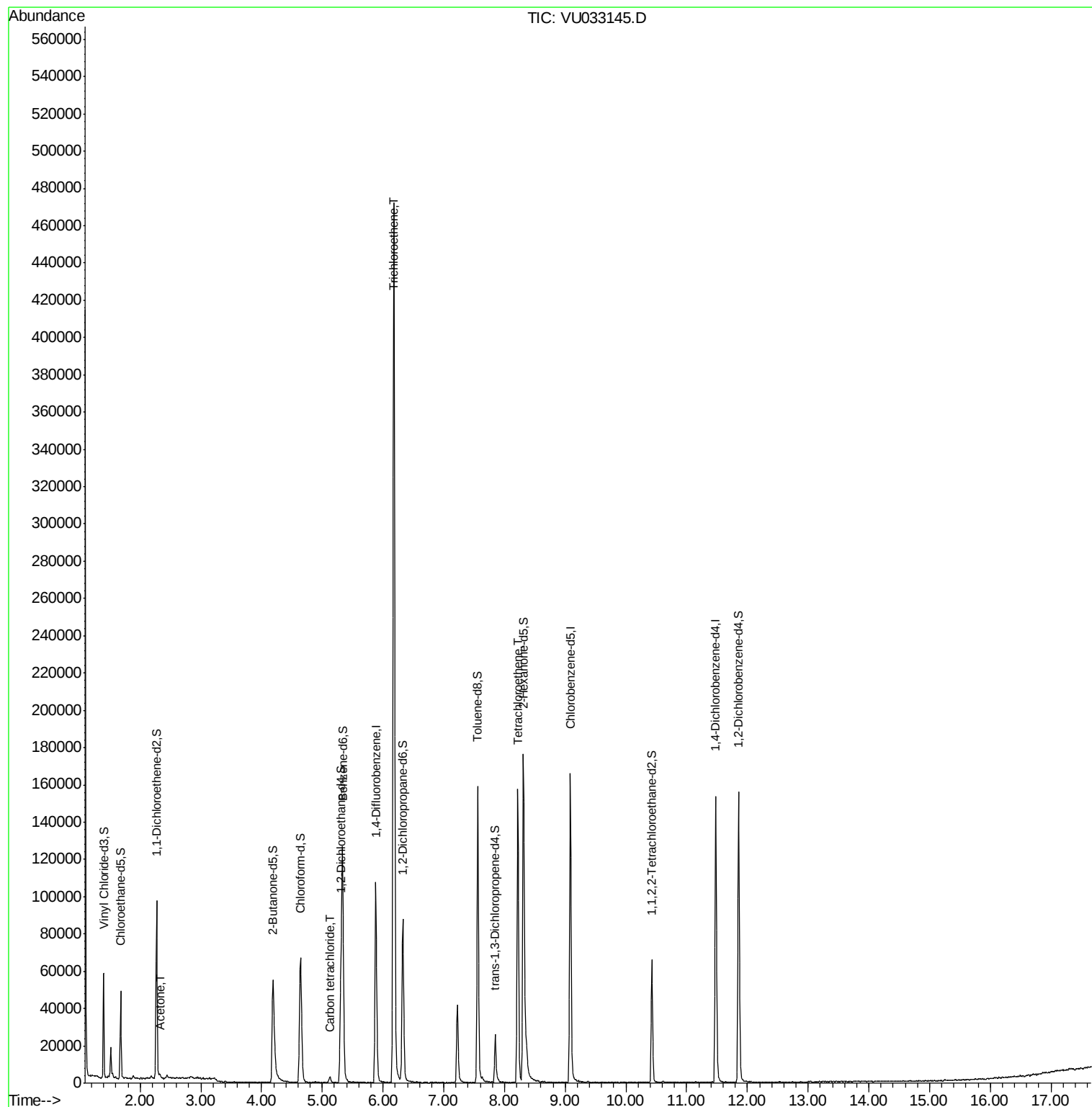
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	1923	1.290	ug/L	79
31) Carbon tetrachloride	5.13	117	2268	0.214	ug/L	93
34) Trichloroethene	6.18	95	160747	21.735	ug/L	98
47) Tetrachloroethene	8.22	164	34508	5.617	ug/L	98

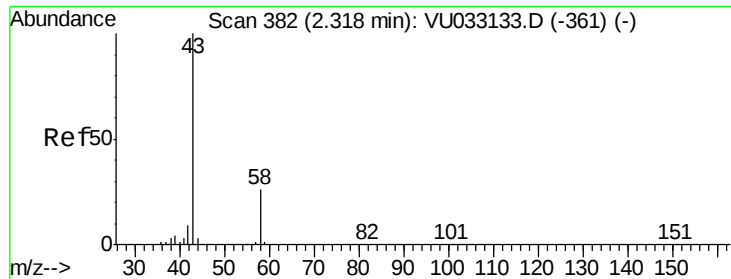
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.290 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU033145.D

Acq: 02 Jul 2019 16:58

Instrument :

MSVOA_U

ClientSampled :

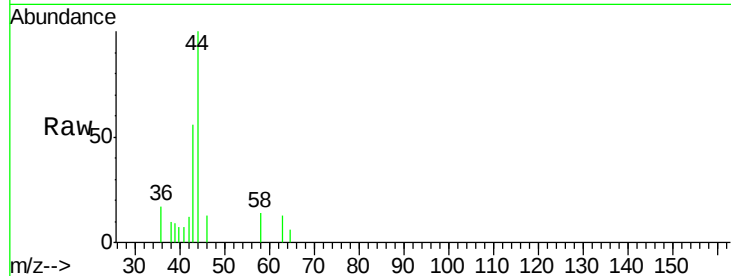
GAML7

Tot Ion: 43 Resp: 1923

Ion Ratio Lower Upper

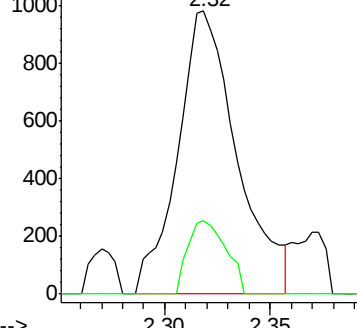
43 100

58 16.6 0.0 55.4

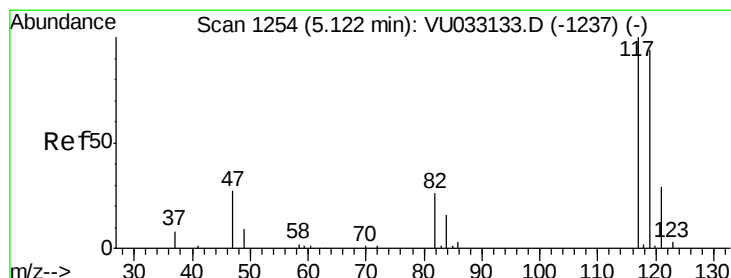
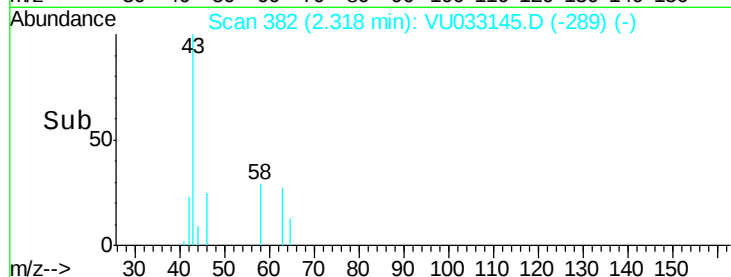


Abundance Ion 43.05 (42.75 to 43.75): VU033133.D (-361) (-)

Ion 58.05 (57.75 to 58.75): VU033133.D (-361) (-)



Time-->



#31

Carbon tetrachloride

Concen: 0.214 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VU033145.D

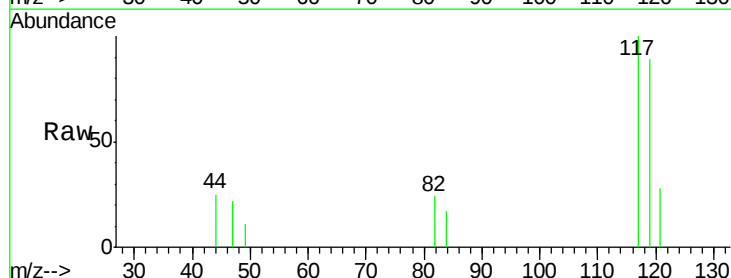
Acq: 02 Jul 2019 16:58

Tgt Ion: 117 Resp: 2268

Ion Ratio Lower Upper

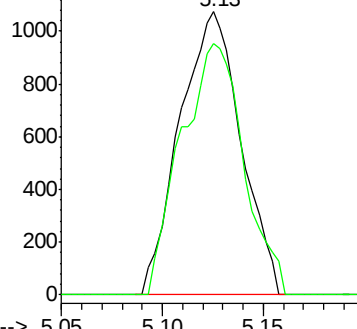
117 100

119 90.9 78.3 117.5

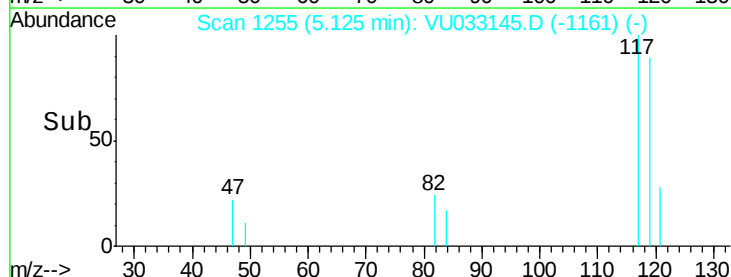


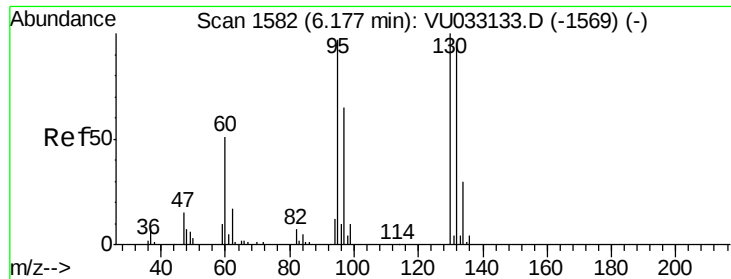
Abundance Ion 116.90 (116.60 to 117.60): VU033133.D (-1237) (-)

Ion 118.90 (118.60 to 119.60): VU033133.D (-1237) (-)



Time-->





#34

Trichloroethene

Concen: 21.735 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU033145.D

Acq: 02 Jul 2019 16:58

Instrument :

MSVOA_U

ClientSampleId :

GAML7

Tot Ion: 95 Resp: 160747

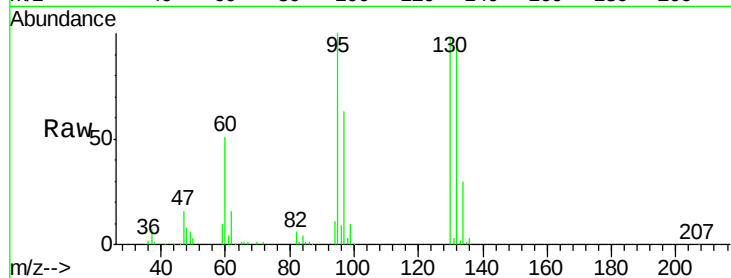
Ion Ratio Lower Upper

95 100

97 63.0 42.8 79.4

132 94.5 64.6 120.0

130 97.8 70.0 130.0

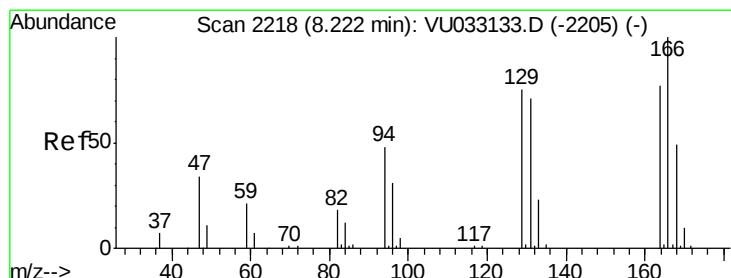
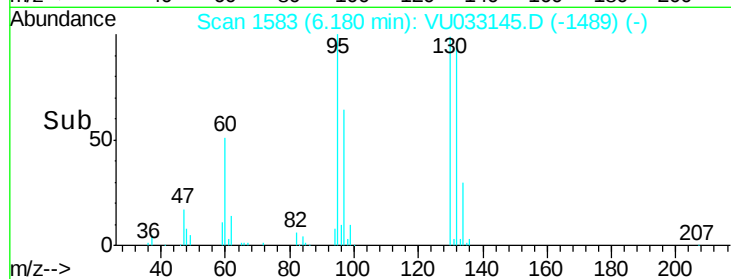
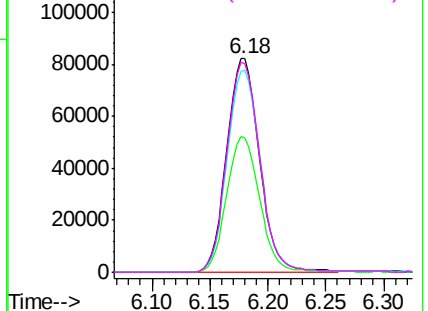


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.617 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU033145.D

Acq: 02 Jul 2019 16:58

Tgt Ion:164 Resp: 34508

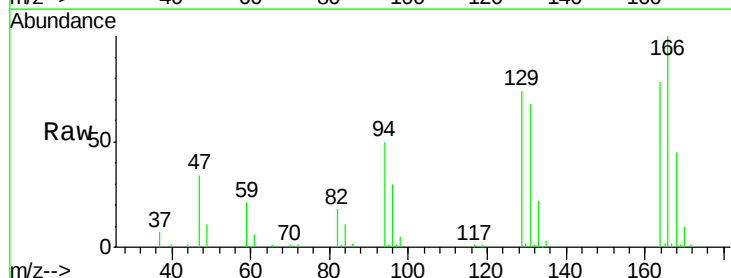
Ion Ratio Lower Upper

164 100

129 94.7 65.3 121.3

131 86.6 60.3 112.1

166 127.4 86.9 161.3



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

