

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
 Data File : VU032782.D
 Acq On : 17 Jun 2019 15:09
 Operator : JC/SP
 Sample : K3383-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XK7

Quant Time: Jun 18 03:44:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	218179	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	208717	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103488	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	71813	48.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.32%
7) Chloroethane-d5	1.68	69	58414	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.24%
11) 1,1-Dichloroethene-d2	2.27	63	110644	36.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.66%
21) 2-Butanone-d5	4.17	46	127085	102.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.40%
24) Chloroform-d	4.64	84	139114	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
26) 1,2-Dichloroethane-d4	5.30	65	96209	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
32) Benzene-d6	5.33	84	277609	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
36) 1,2-Dichloropropane-d6	6.32	67	88721	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.38%
41) Toluene-d8	7.56	98	257747	50.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.18%
43) trans-1,3-Dichloropropene-	7.84	79	43541	48.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.58%
47) 2-Hexanone-d5	8.31	63	82276	101.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.66%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	127248	47.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.98%
64) 1,2-Dichlorobenzene-d4	11.85	152	102517	51.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.38%

Target Compounds

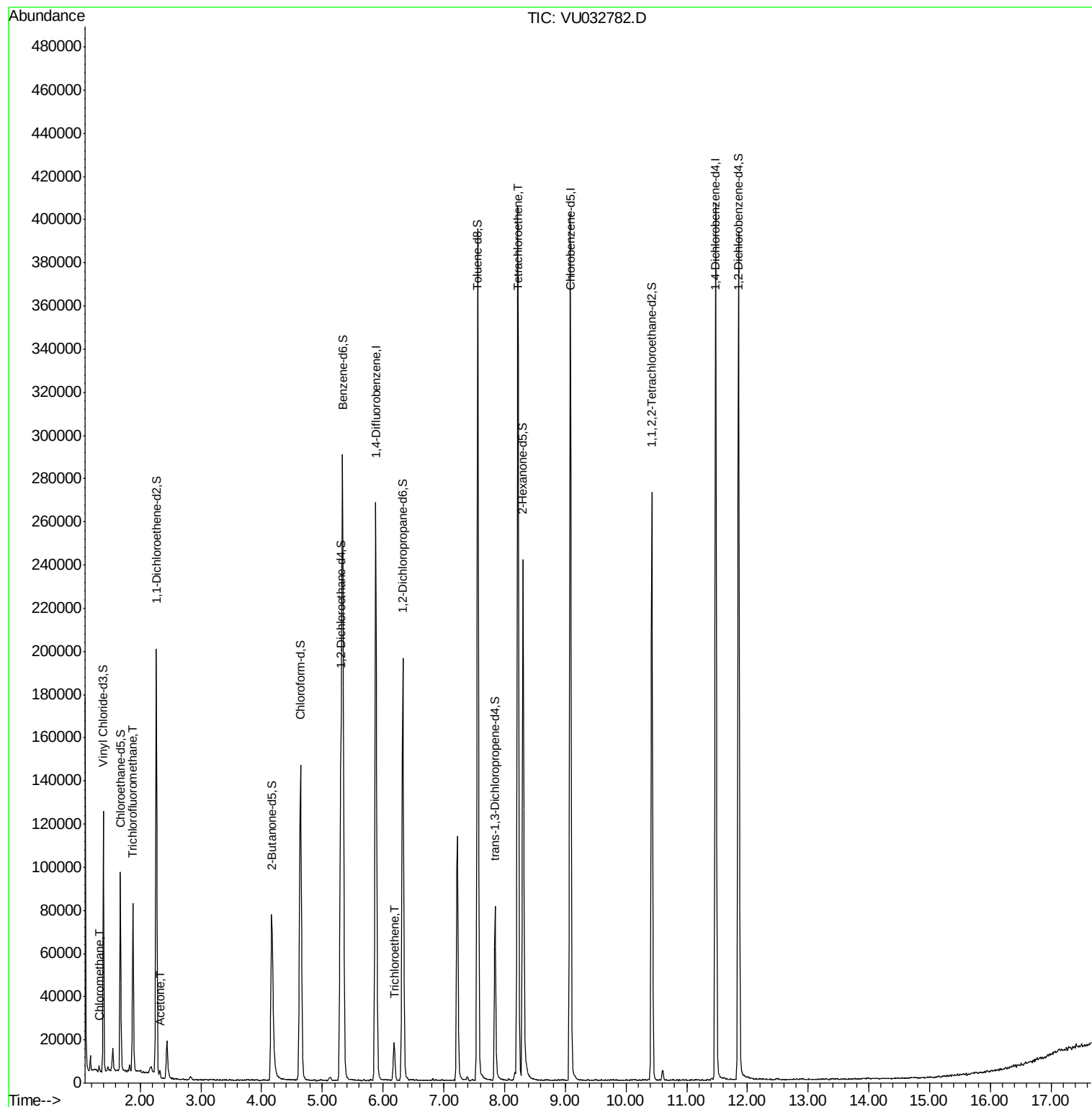
					Ovalue
3) Chloromethane	1.32	50	2065	1.034 ug/L	94
9) Trichlorofluoromethane	1.88	101	43495	15.648 ug/L	98
13) Acetone	2.32	43	1901	1.109 ug/L	90
34) Trichloroethene	6.18	95	5714	3.557 ug/L	96
46) Tetrachloroethene	8.22	164	86639	65.816 ug/L	98

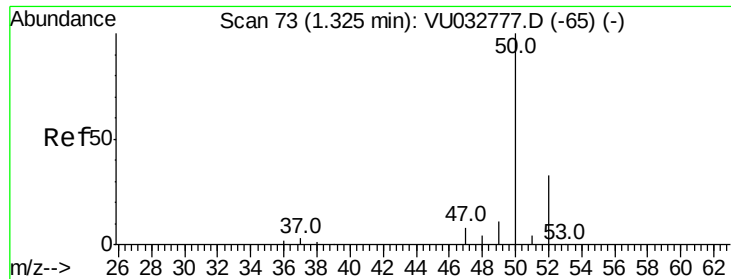
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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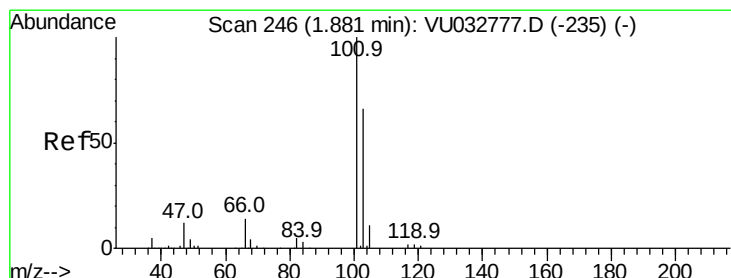
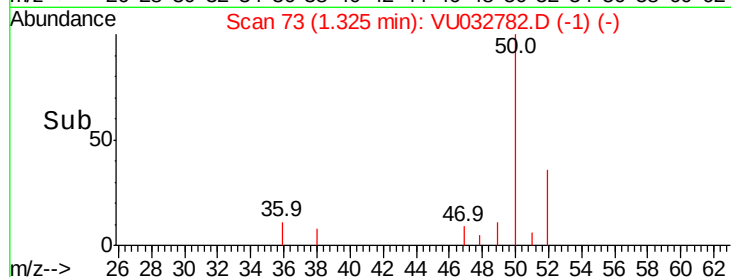
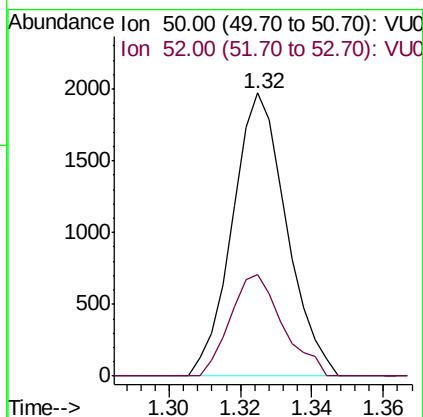
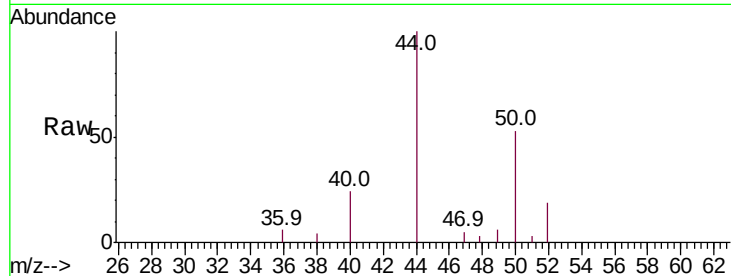




#3
Chloromethane
Concen: 1.034 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VU032782.D
Acq: 17 Jun 2019 15:09

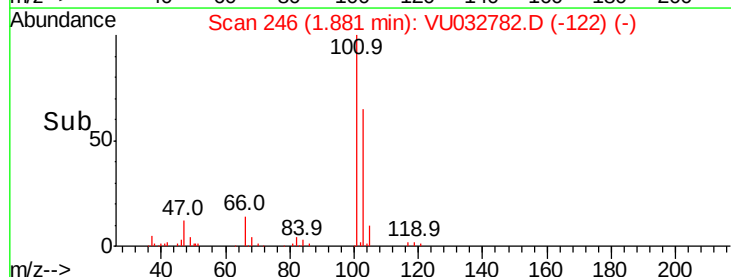
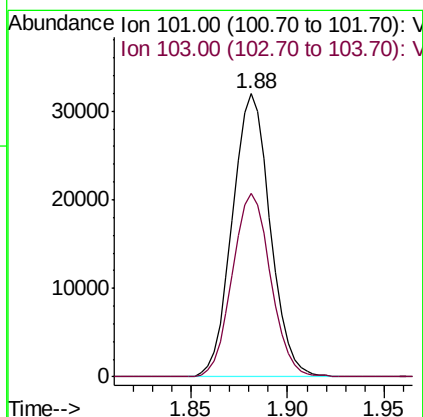
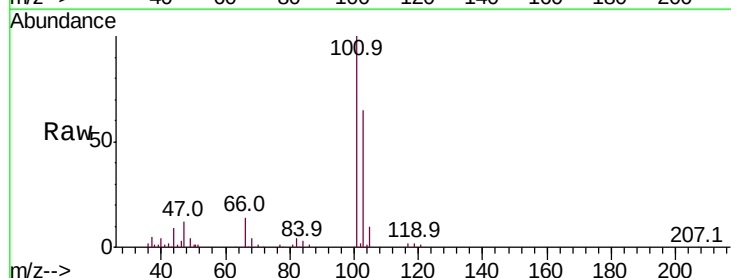
Instrument :
MSVOA_U
ClientSampleId :
C0XK7

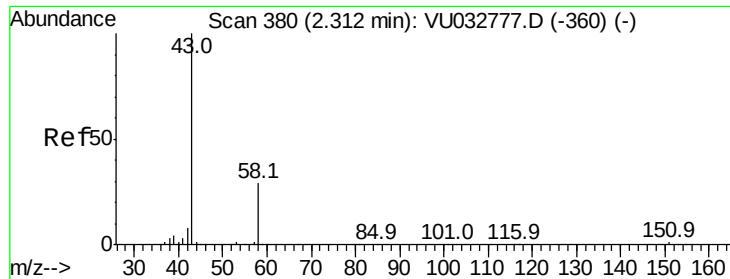
Tot Ion: 50 Resp: 2065
Ion Ratio Lower Upper
50 100
52 36.0 23.0 42.6



#9
Trichlorofluoromethane
Concen: 15.648 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU032782.D
Acq: 17 Jun 2019 15:09

Tgt Ion: 101 Resp: 43495
Ion Ratio Lower Upper
101 100
103 65.5 51.3 76.9





#13

Acetone

Concen: 1.109 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032782.D

Acq: 17 Jun 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

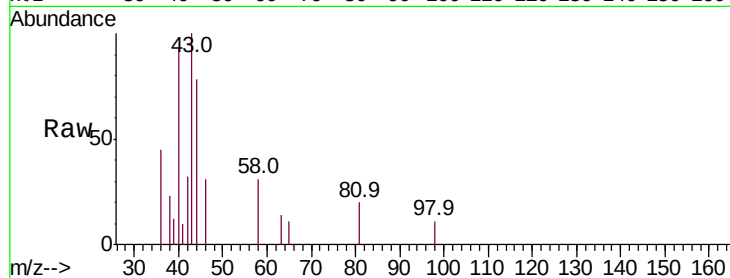
C0XK7

Tot Ion: 43 Resp: 1901

Ion Ratio Lower Upper

43 100

58 25.0 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032777.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU032777.D (-360) (-)

2.32

1200

1000

800

600

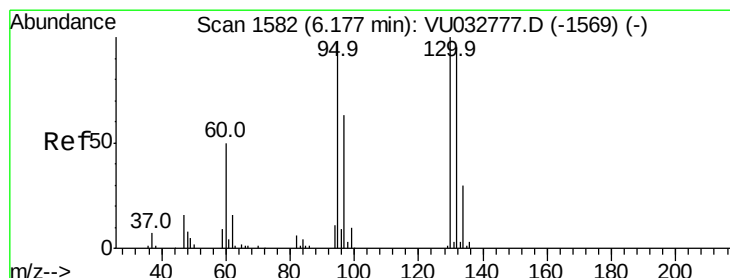
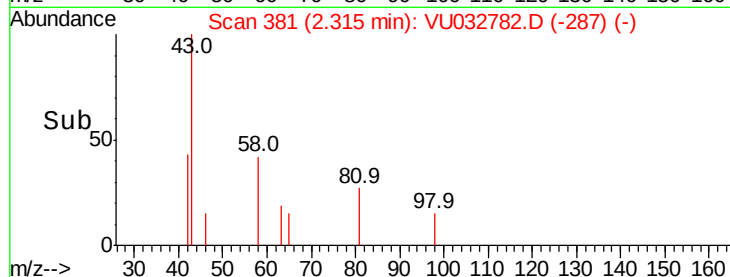
400

200

0

2.30 2.35

Time-->



#34

Trichloroethene

Concen: 3.557 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.01 min

Lab File: VU032782.D

Acq: 17 Jun 2019 15:09

Tgt Ion: 95 Resp: 5714

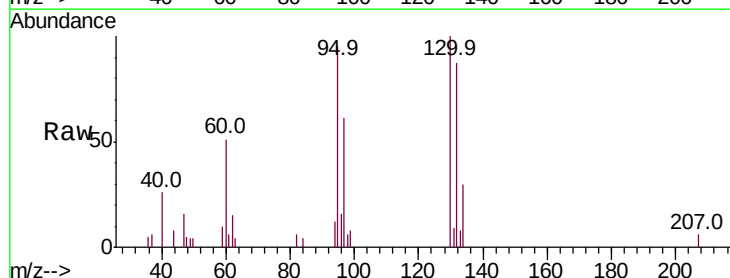
Ion Ratio Lower Upper

95 100

97 63.4 45.9 85.3

132 91.6 68.5 127.3

130 104.8 70.8 131.4



Abundance Ion 95.00 (94.70 to 95.70): VU032777.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU032777.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU032777.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU032777.D (-1569) (-)

4000

3000

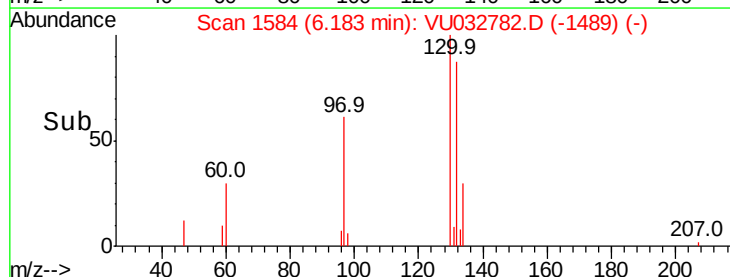
2000

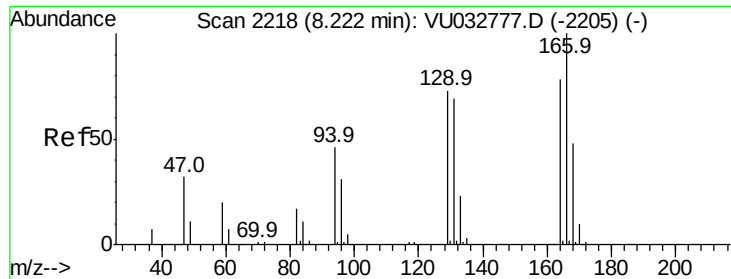
1000

0

6.15 6.20 6.25

Time-->





#46

Tetrachloroethene

Concen: 65.816 ug/L

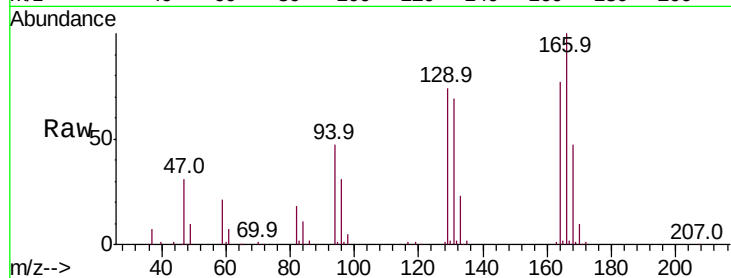
RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032782.D

Acq: 17 Jun 2019 15:09

Instrument :
MSVOA_U
ClientSampleId :
C0XK7



Tot Ion:164 Resp: 86639

Ion Ratio Lower Upper

164 100

129 94.9 64.8 120.3

131 89.6 64.5 119.7

166 129.1 91.3 169.6

