

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101419\
 Data File : VU035144.D
 Acq On : 14 Oct 2019 11:54
 Operator : JC/SP
 Sample : K5309-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RD-6-001-01

Quant Time: Oct 15 07:35:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 15 07:04:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	160854	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	167696	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	60100	5.00	ug/L	0.00

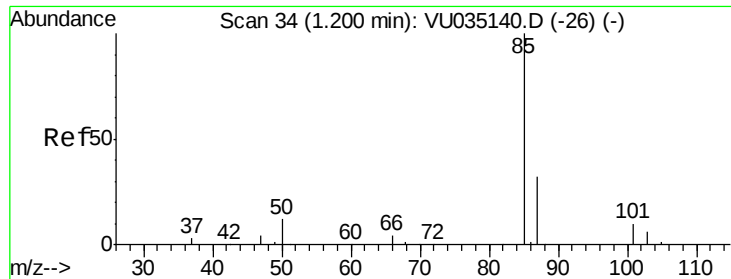
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49570	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.68	69	46739	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.26	63	71280	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.17	46	148866	53.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.32%
24) Chloroform-d	4.62	84	92211	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.29	65	53586	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.32	84	187694	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.31	67	66489	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.55	98	160455	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.84	79	20194	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.31	63	97761	43.45	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.90%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55371	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	54291	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	19506	1.327 ug/L	96
3) Chloromethane	1.32	50	2074	0.129 ug/L	93
13) Acetone	2.31	43	6497	2.833 ug/L	97
22) cis-1,2-Dichloroethene	4.20	96	33565	2.720 ug/L	85
34) Trichloroethene	6.17	95	25629	1.967 ug/L	97
47) Tetrachloroethene	8.21	164	10406	0.987 ug/L	93

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



#2

Dichlorodifluoromethane

Concen: 1.327 ug/L

RT: 1.21 min Scan# 36

Delta R.T. 0.01 min

Lab File: VU035144.D

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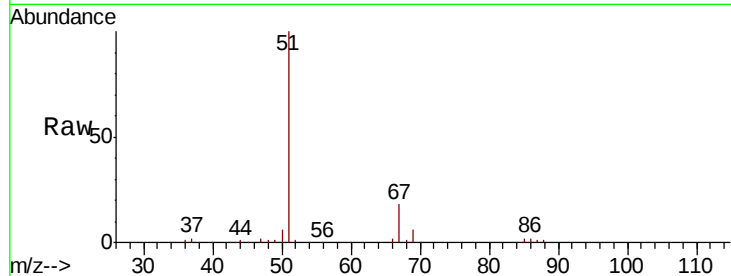
RD-6-001-01

Tot Ion: 85 Resp: 19506

Ion Ratio Lower Upper

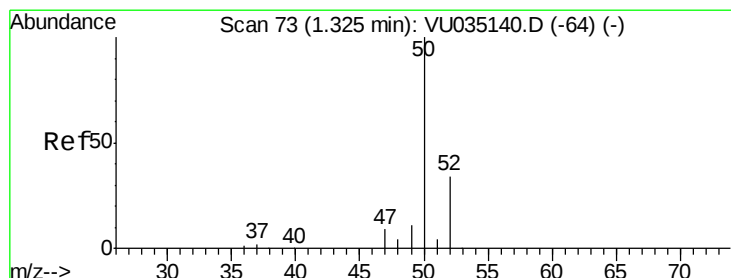
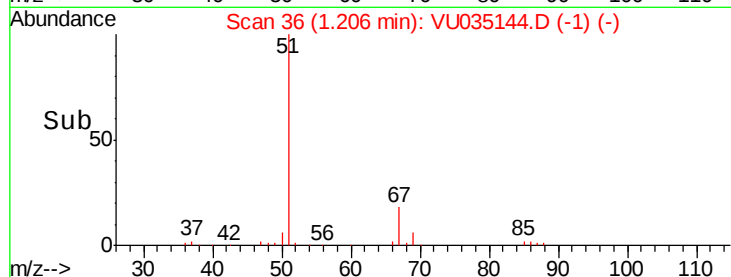
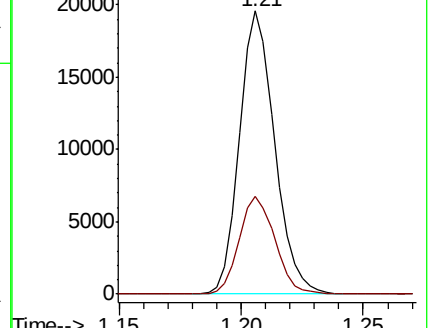
85 100

87 35.0 26.3 39.5



Abundance Ion 85.00 (84.70 to 85.70): VU035144.D (-26) (-)

Ion 87.00 (86.70 to 87.70): VU035144.D (-26) (-)



#3

Chloromethane

Concen: 0.129 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU035144.D

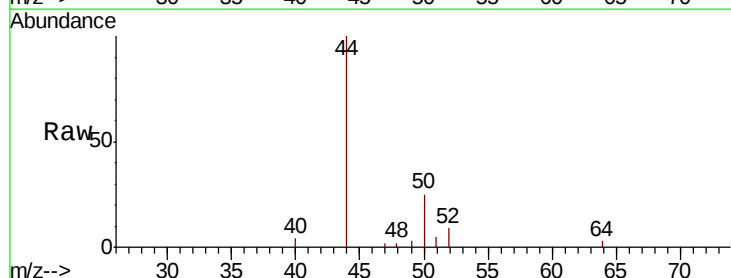
Acq: 14 Oct 2019 11:54

Tgt Ion: 50 Resp: 2074

Ion Ratio Lower Upper

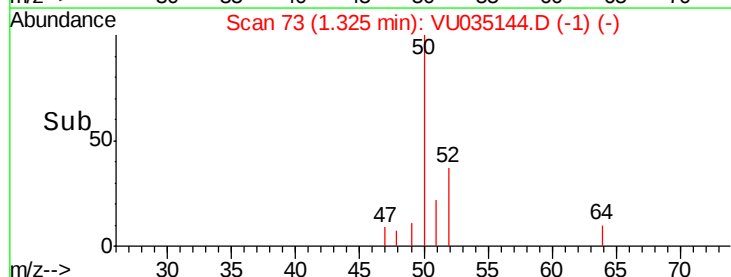
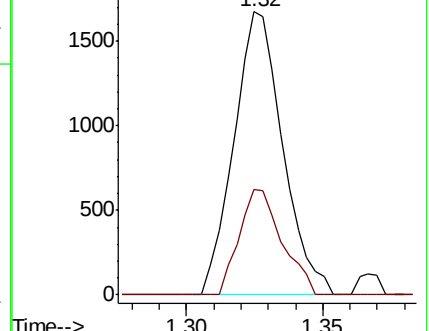
50 100

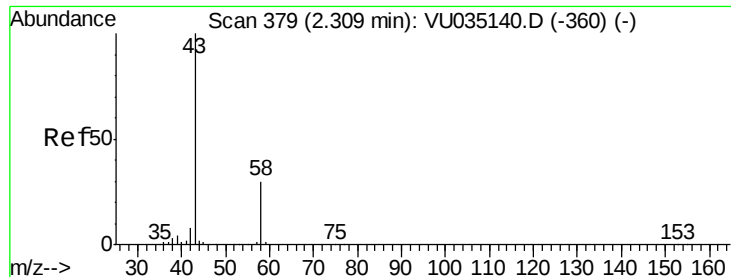
52 37.2 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU035144.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU035144.D (-64) (-)





#13

Acetone

Concen: 2.833 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035144.D

Acq: 14 Oct 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

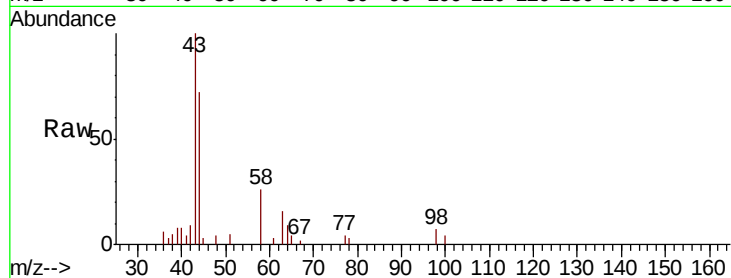
RD-6-001-01

Tot Ion: 43 Resp: 6497

Ion Ratio Lower Upper

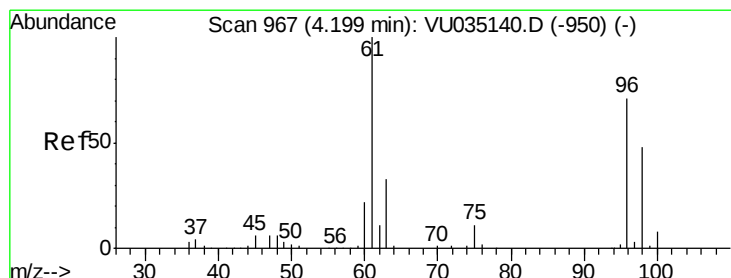
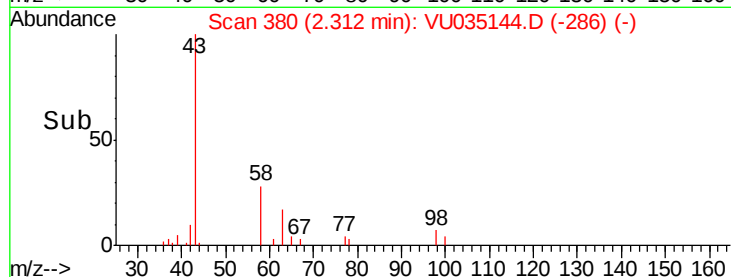
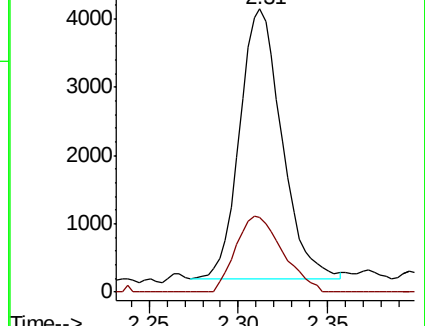
43 100

58 31.4 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035144.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU035144.D (-360) (-)



#22

cis-1,2-Dichloroethene

Concen: 2.720 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU035144.D

Acq: 14 Oct 2019 11:54

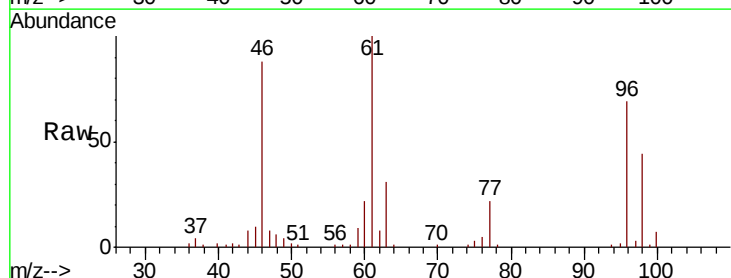
Tgt Ion: 96 Resp: 33565

Ion Ratio Lower Upper

96 100

61 144.9 89.2 165.6

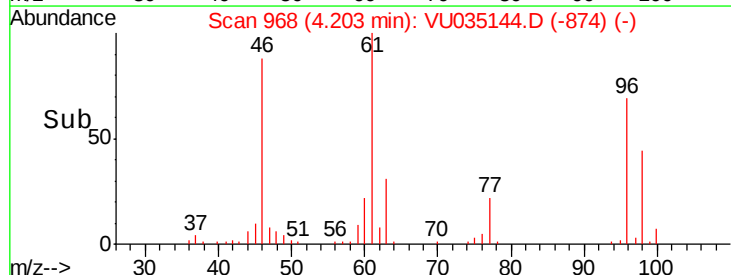
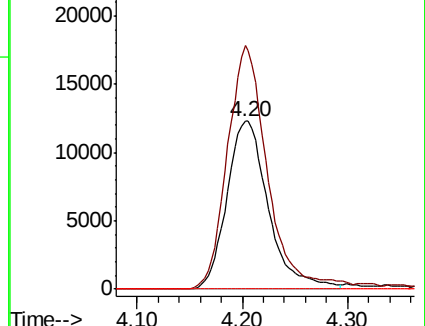
68 0.0 0.0 0.0

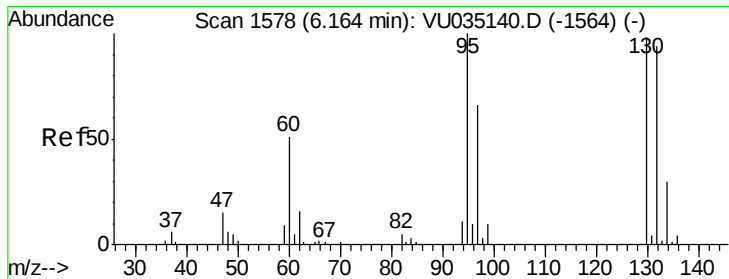


Abundance Ion 96.00 (95.70 to 96.70): VU035144.D (-950) (-)

Ion 61.05 (60.75 to 61.75): VU035144.D (-950) (-)

Ion 68.15 (67.85 to 68.85): VU035144.D (-950) (-)





#34

Trichloroethene

Concen: 1.967 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU035144.D

Acq: 14 Oct 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

RD-6-001-01

Tot Ion: 95 Resp: 25629

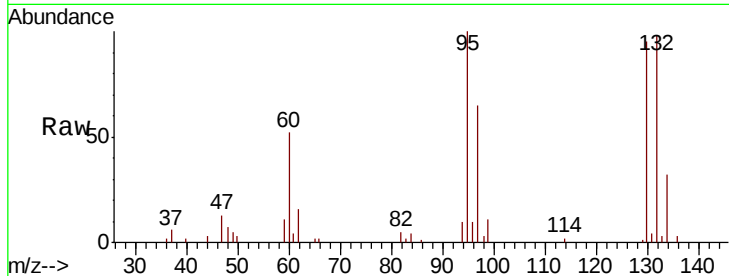
Ion Ratio Lower Upper

95 100

97 65.0 44.5 82.7

132 98.5 66.6 123.8

130 94.6 68.9 127.9

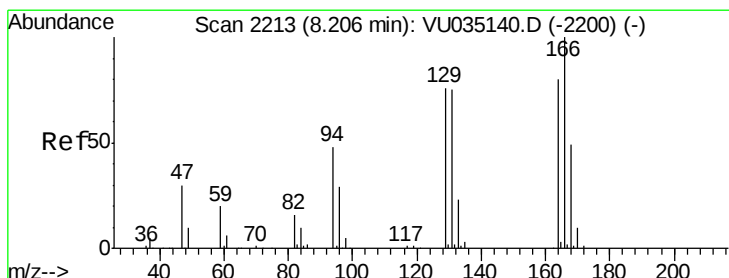
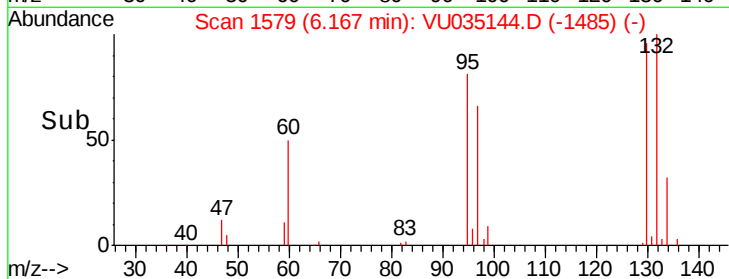
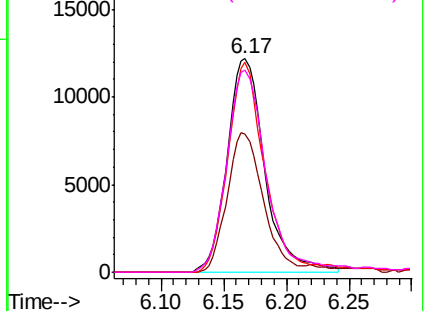


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.987 ug/L

RT: 8.21 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VU035144.D

Acq: 14 Oct 2019 11:54

Tgt Ion: 164 Resp: 10406

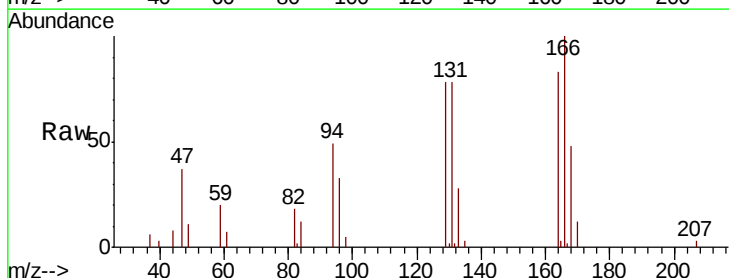
Ion Ratio Lower Upper

164 100

129 93.2 68.5 127.1

131 93.0 67.3 124.9

166 119.9 93.1 172.9



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

