

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101219\
 Data File : VU035098.D
 Acq On : 11 Oct 2019 18:44
 Operator : JC/SP
 Sample : K5309-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OU2-MW-6-001-01

Quant Time: Oct 12 04:05:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 12 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	166017	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	171072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	67989	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56033	5.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.20%
7) Chloroethane-d5	1.67	69	53007	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.80%
11) 1,1-Dichloroethene-d2	2.26	63	81905	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	4.18	46	165051	57.11	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.22%
24) Chloroform-d	4.62	84	97839	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.29	65	58594	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.32	84	203034	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.31	67	71303	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.55	98	172097	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.84	79	21165	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.30	63	115674	50.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.78%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57554	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	63305	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

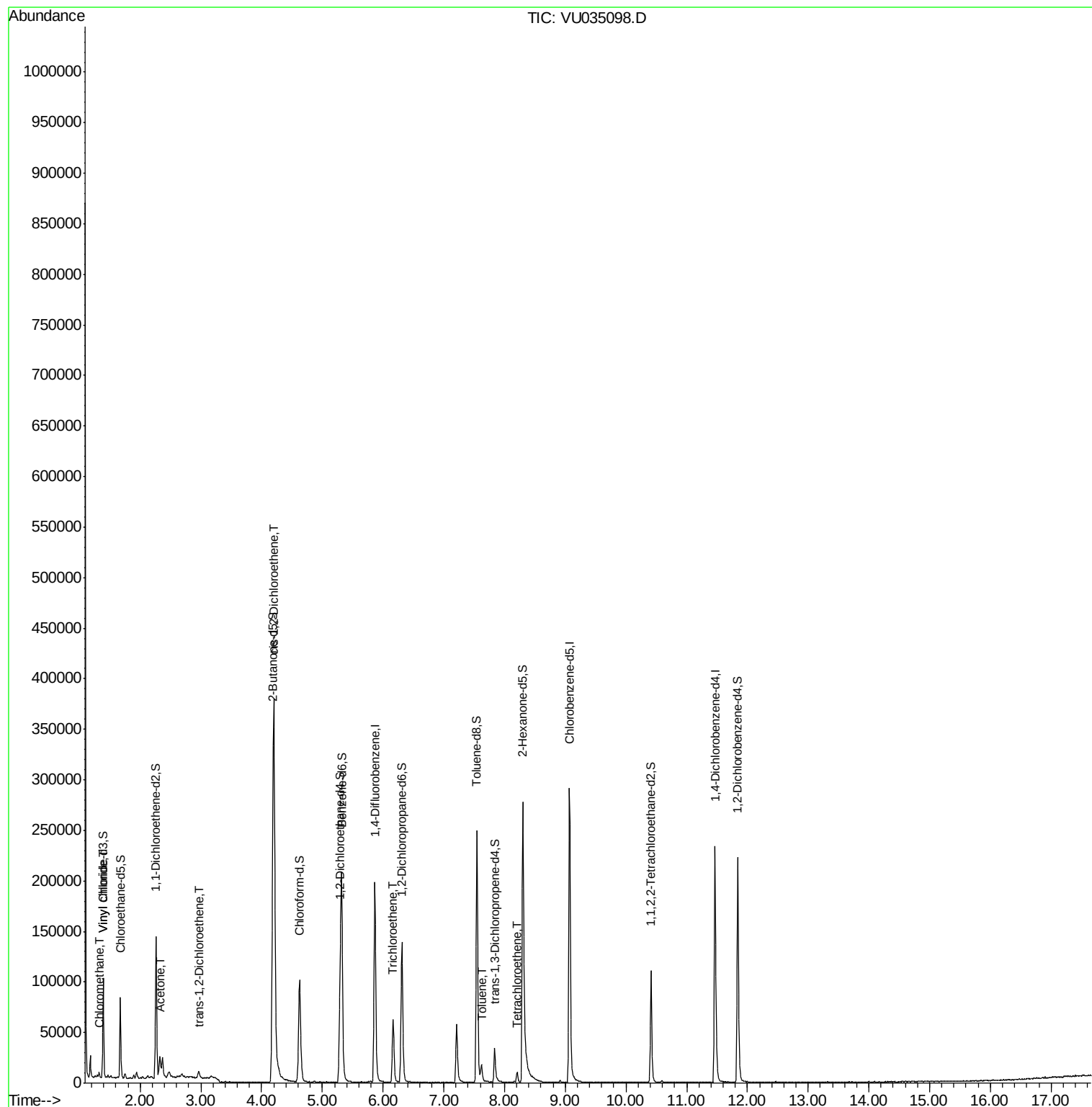
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.32	50	2594	0.156	ug/L	87
5) Vinyl chloride	1.40	62	2392	0.146	ug/L #	54
13) Acetone	2.32	43	29578	12.496	ug/L	94
18) trans-1,2-Dichloroethene	2.96	96	1747	0.153	ug/L #	72
22) cis-1,2-Dichloroethene	4.20	96	186032	14.606	ug/L	91
34) Trichloroethene	6.16	95	22672	1.706	ug/L	98
42) Toluene	7.62	91	12272	0.228	ug/L	98
47) Tetrachloroethene	8.21	164	2496	0.232	ug/L	91

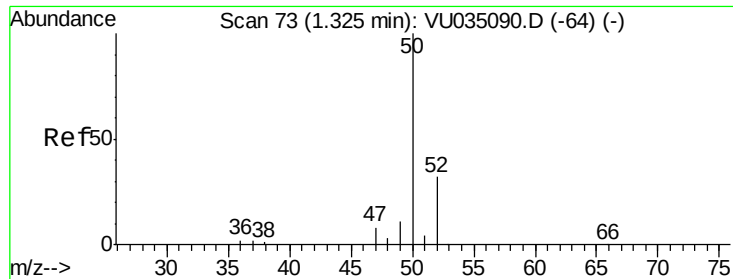
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.156 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU035098.D

Acq: 11 Oct 2019 18:44

Instrument :

MSVOA_U

ClientSampleId :

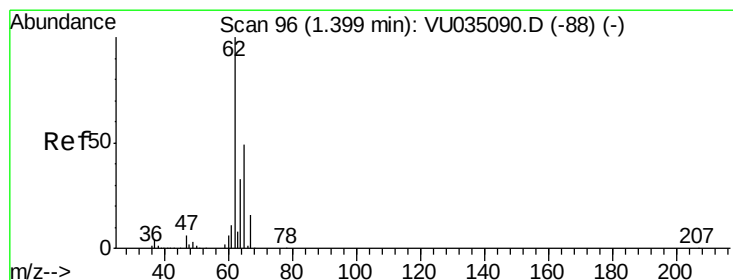
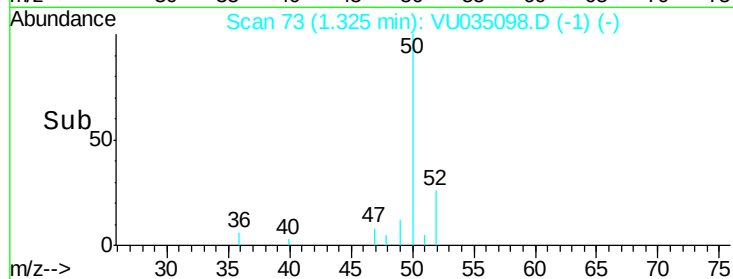
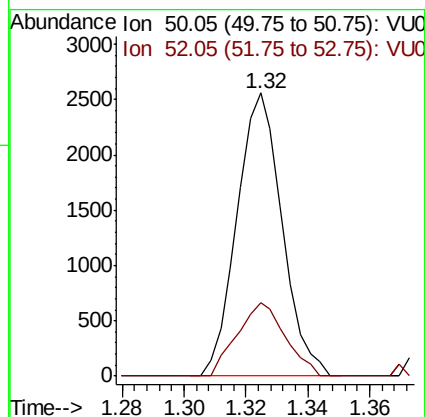
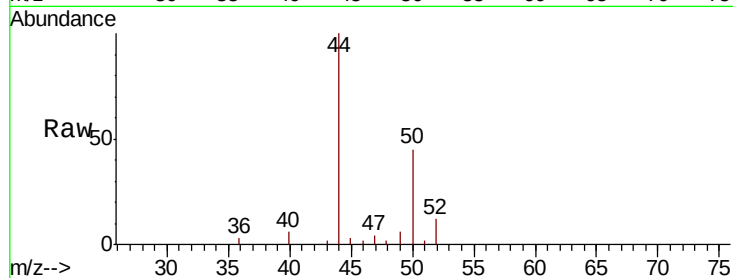
OU2-MW-6-001-01

Tot Ion: 50 Resp: 2594

Ion Ratio Lower Upper

50 100

52 26.1 23.3 43.3



#5

Vinyl chloride

Concen: 0.146 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU035098.D

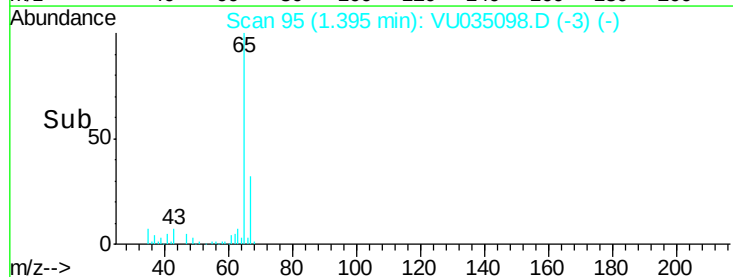
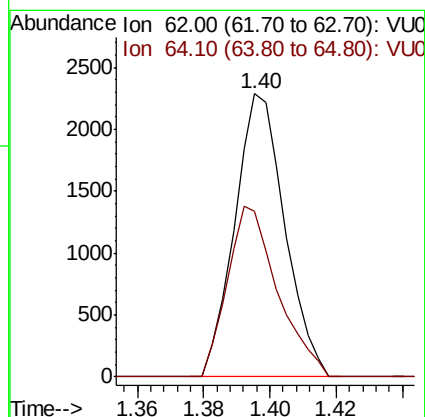
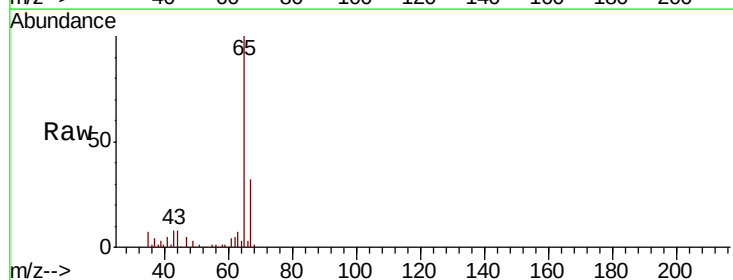
Acq: 11 Oct 2019 18:44

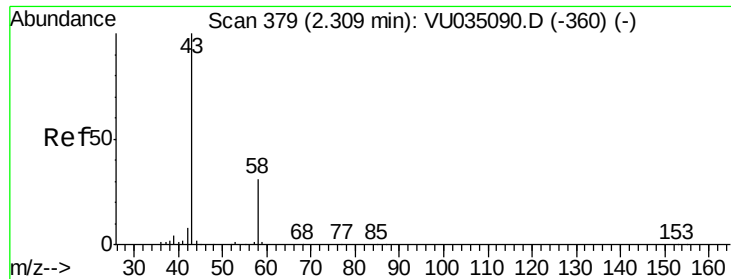
Tgt Ion: 62 Resp: 2392

Ion Ratio Lower Upper

62 100

64 58.7 22.8 42.4#





#13

Acetone

Concen: 12.496 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.02 min

Lab File: VU035098.D

Acq: 11 Oct 2019 18:44

Instrument :

MSVOA_U

ClientSampleId :

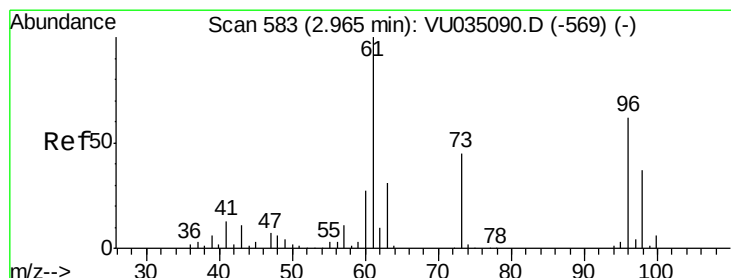
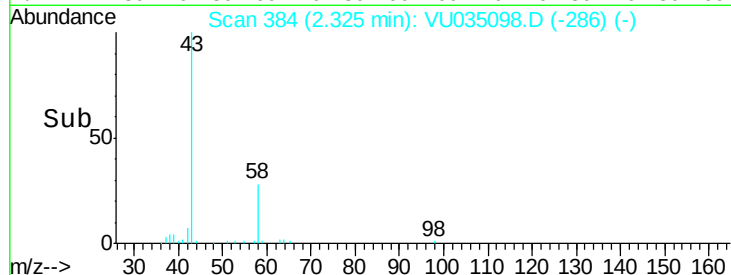
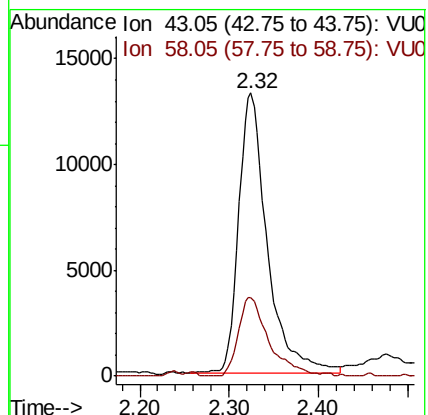
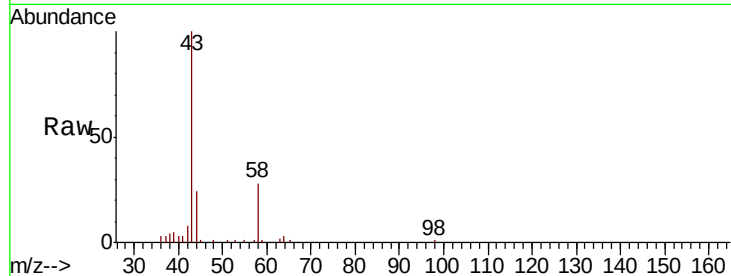
OU2-MW-6-001-01

Tot Ion: 43 Resp: 29578

Ion Ratio Lower Upper

43 100

58 29.9 0.0 66.6



#18

trans-1,2-Dichloroethene

Concen: 0.153 ug/L

RT: 2.96 min Scan# 582

Delta R.T. -0.00 min

Lab File: VU035098.D

Acq: 11 Oct 2019 18:44

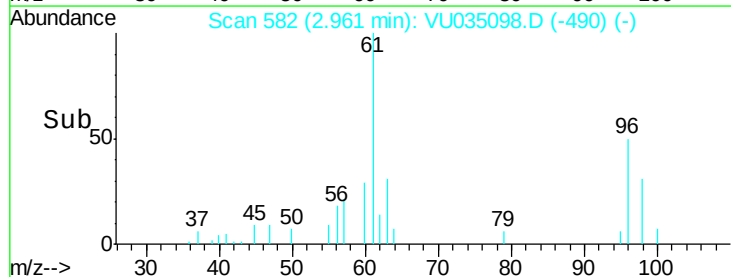
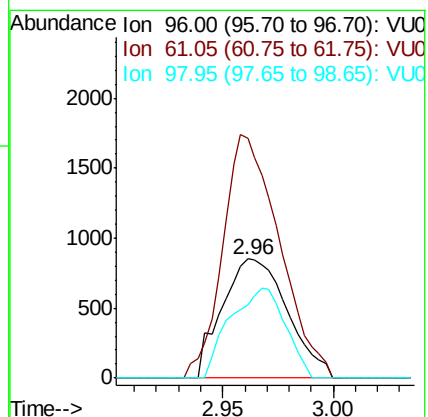
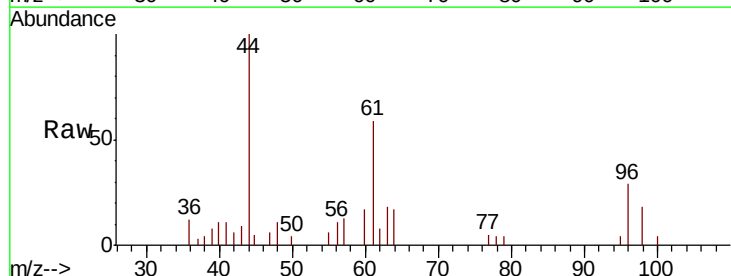
Tgt Ion: 96 Resp: 1747

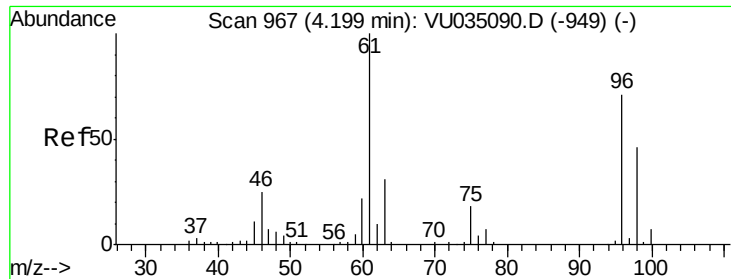
Ion Ratio Lower Upper

96 100

61 201.5 107.1 198.9#

98 62.0 45.4 84.4





#22

cis-1,2-Dichloroethene

Concen: 14.606 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU035098.D

Acq: 11 Oct 2019 18:44

Instrument :

MSVOA_U

ClientSampleId :

OU2-MW-6-001-01

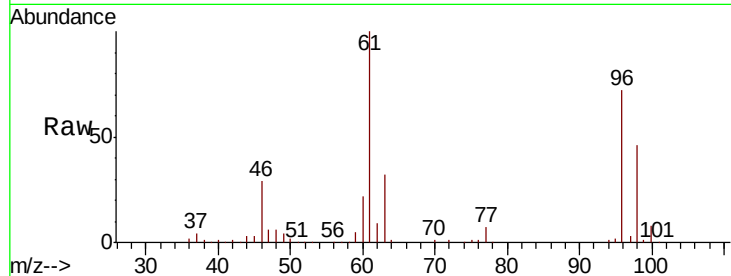
Tot Ion: 96 Resp: 186032

Ion Ratio Lower Upper

96 100

61 138.2 89.2 165.6

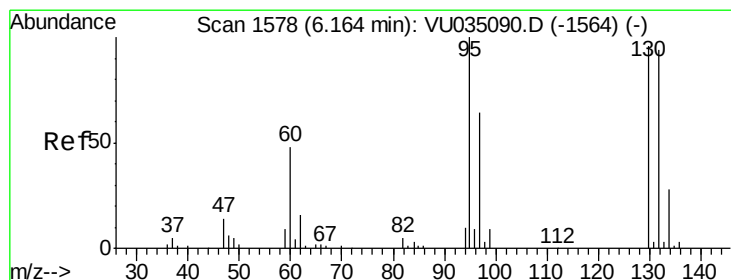
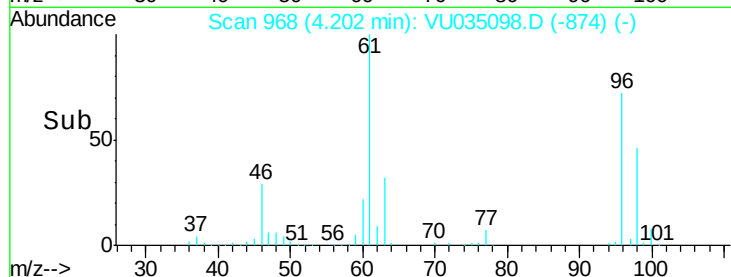
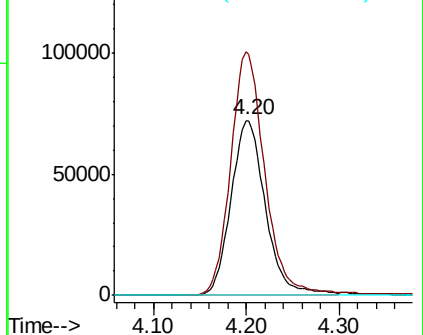
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035098.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU035098.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU035098.D (-949) (-)



#34

Trichloroethene

Concen: 1.706 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU035098.D

Acq: 11 Oct 2019 18:44

Tgt Ion: 95 Resp: 22672

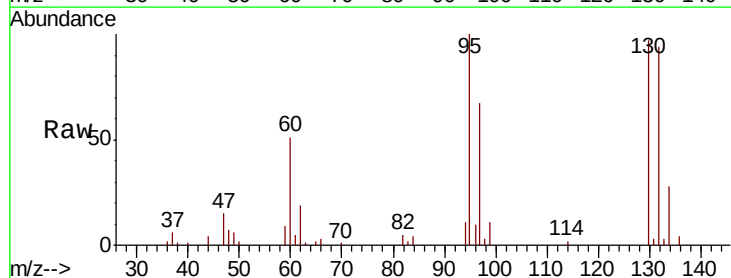
Ion Ratio Lower Upper

95 100

97 67.5 44.5 82.7

132 94.3 66.6 123.8

130 97.3 68.9 127.9

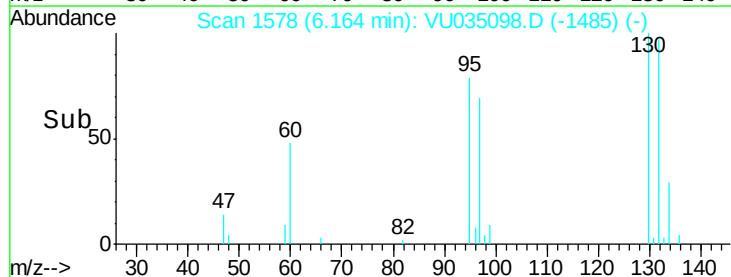
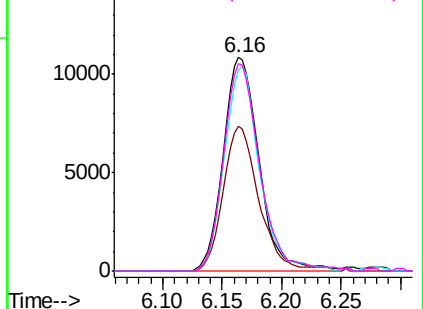


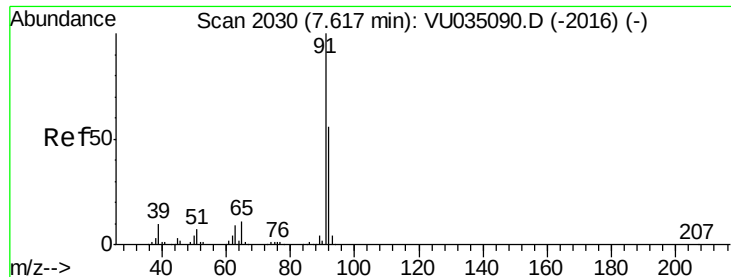
Abundance Ion 95.00 (94.70 to 95.70): VU035098.D (-1564) (-)

Ion 96.95 (96.65 to 97.65): VU035098.D (-1564) (-)

Ion 131.95 (131.65 to 132.65): VU035098.D (-1564) (-)

Ion 129.95 (129.65 to 130.65): VU035098.D (-1564) (-)





#42

Toluene

Concen: 0.228 ug/L

RT: 7.62 min Scan# 2032

Delta R.T. 0.01 min

Lab File: VU035098.D

Acq: 11 Oct 2019 18:44

Instrument :

MSVOA_U

ClientSampleId :

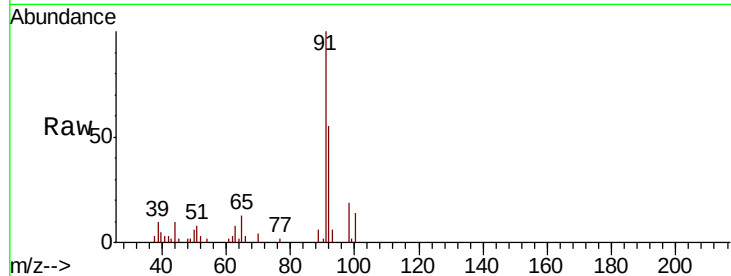
OU2-MW-6-001-01

Tot Ion: 91 Resp: 12272

Ion Ratio Lower Upper

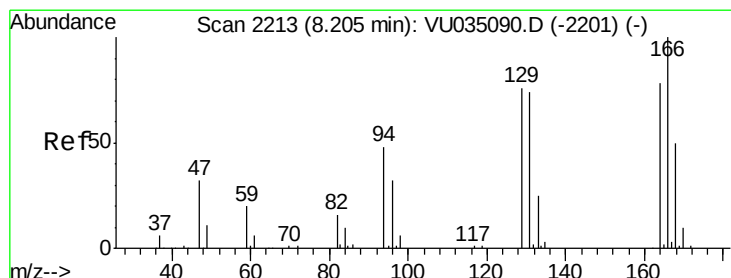
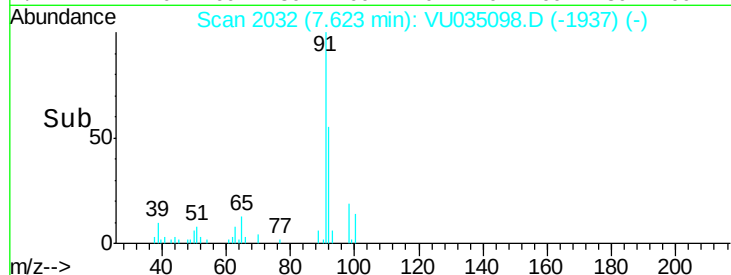
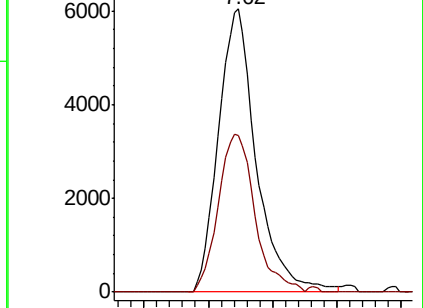
91 100

92 55.3 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035098.D (-1937) (-)

Ion 92.15 (91.85 to 92.85): VU035098.D (-1937) (-)



#47

Tetrachloroethene

Concen: 0.232 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU035098.D

Acq: 11 Oct 2019 18:44

Tgt Ion: 164 Resp: 2496

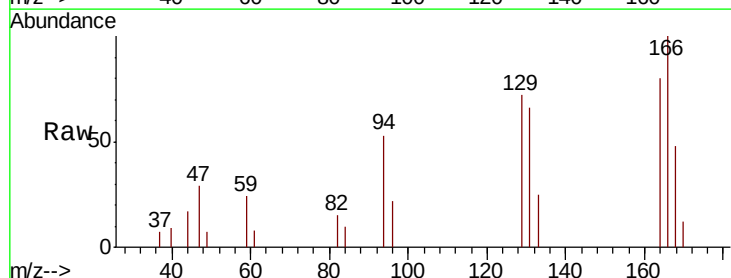
Ion Ratio Lower Upper

164 100

129 90.5 68.5 127.1

131 83.3 67.3 124.9

166 125.4 93.1 172.9



Abundance Ion 163.90 (163.60 to 164.60): VU035098.D (-2120) (-)

Ion 128.95 (128.65 to 129.65): VU035098.D (-2120) (-)

Ion 130.95 (130.65 to 131.65): VU035098.D (-2120) (-)

Ion 165.90 (165.60 to 166.60): VU035098.D (-2120) (-)

