

Data File : VU025398.D
Acq On : 13 Jul 2018 17:54
Operator : MD/SY
Sample : J3984-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB178

Quant Time: Jul 14 04:35:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 13 14:43:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	337809	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	310469	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148091	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85194	42.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.38%
7) Chloroethane-d5	1.68	69	71038	42.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.30%
11) 1,1-Dichloroethene-d2	2.27	63	140120	31.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.62%
21) 2-Butanone-d5	4.18	46	167123	99.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.01%
24) Chloroform-d	4.65	84	190084	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.90%
26) 1,2-Dichloroethane-d4	5.31	65	133791	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.24%
32) Benzene-d6	5.35	84	370165	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.90%
36) 1,2-Dichloropropane-d6	6.33	67	121371	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.46%
41) Toluene-d8	7.57	98	354649	42.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.10%
43) trans-1,3-Dichloropropene-	7.85	79	54450	40.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.04%
47) 2-Hexanone-d5	8.31	63	130152	105.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.10%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	174020	45.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	146671	45.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.90%

Target Compounds

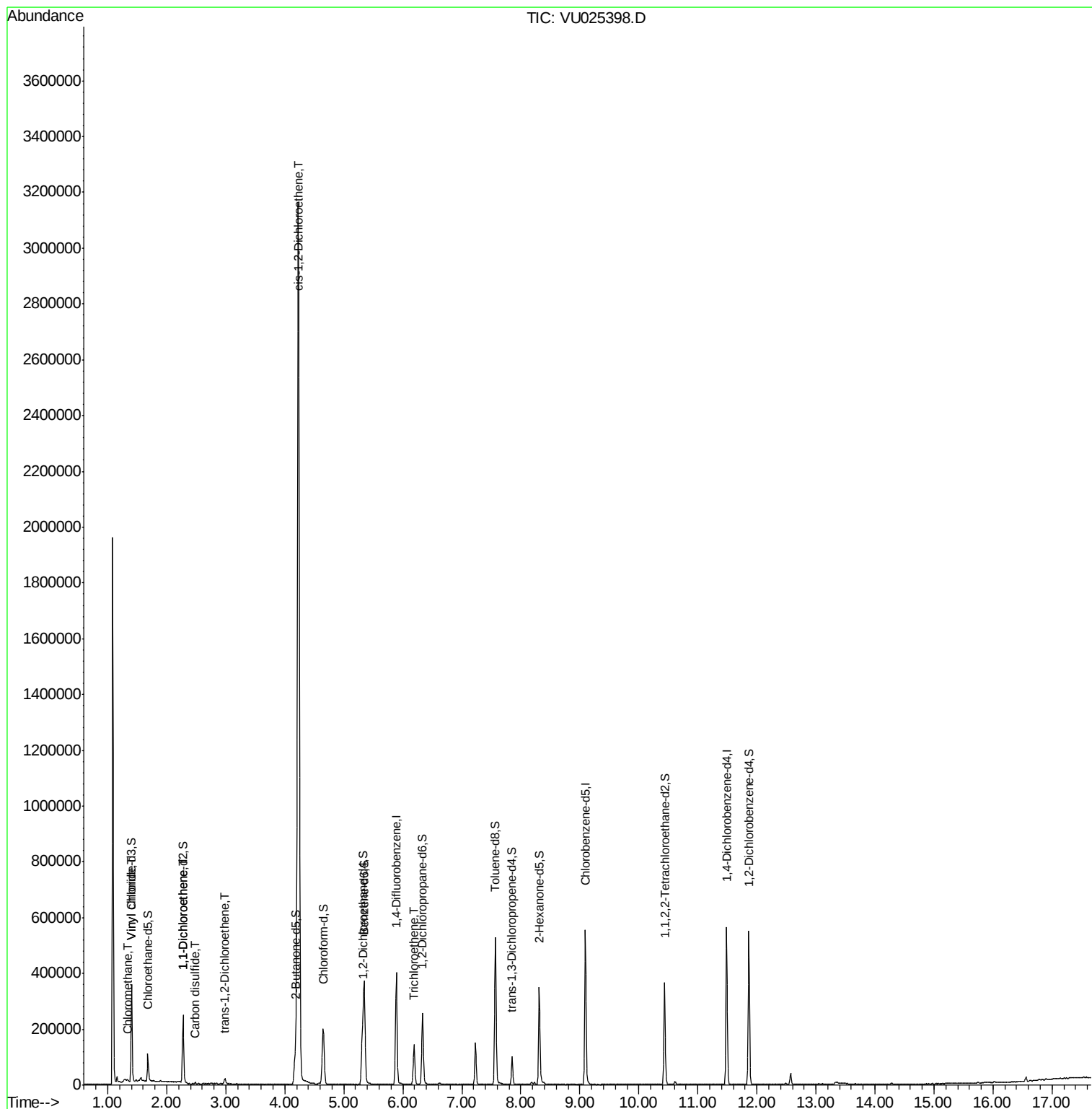
						Qvalue
3) Chloromethane	1.33	50	6042	2.386	ug/L	90
5) Vinyl chloride	1.40	62	156994	59.923	ug/L	98
12) 1,1-Dichloroethene	2.28	96	6914	3.337	ug/L #	1
14) Carbon disulfide	2.48	76	9452	1.511	ug/L	96
17) trans-1,2-Dichloroethene	2.99	96	7850	3.499	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	1769538	682.969	ug/L	97
34) Trichloroethene	6.19	95	48301	19.284	ug/L	98

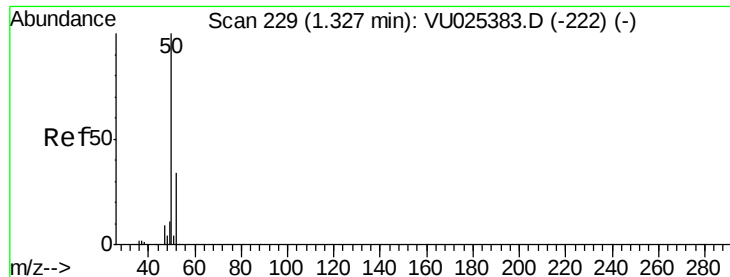
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.386 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

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Acq: 13 Jul 2018 17:54

Instrument :

MSVOA_U

ClientSampleId :

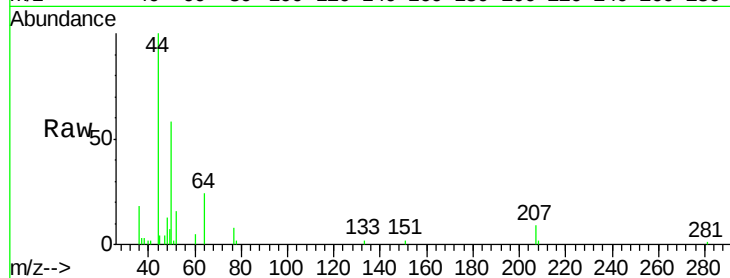
DB178

Tgt Ion: 50 Resp: 6042

Ion Ratio Lower Upper

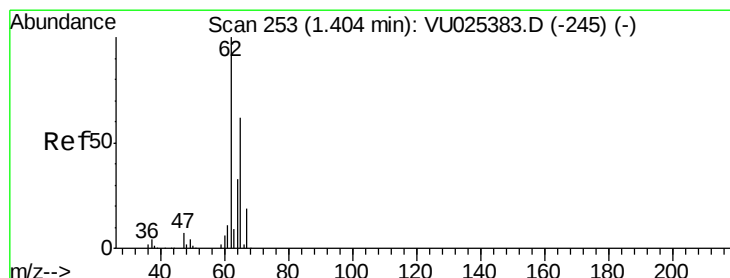
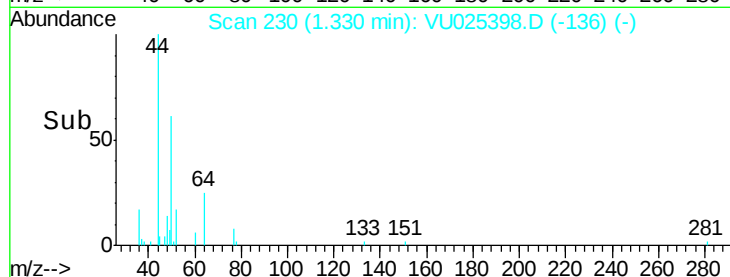
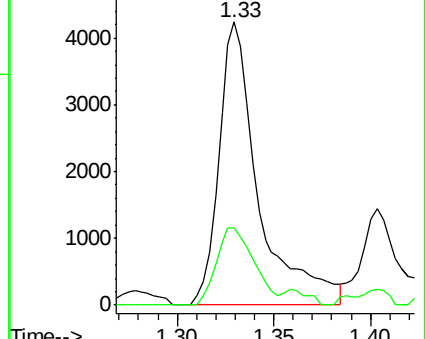
50 100

52 27.5 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#5

Vinyl chloride

Concen: 59.923 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025398.D

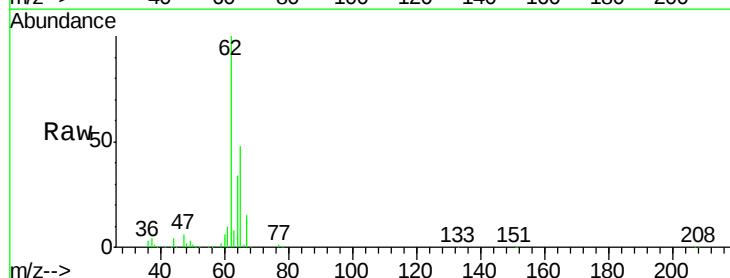
Acq: 13 Jul 2018 17:54

Tgt Ion: 62 Resp: 156994

Ion Ratio Lower Upper

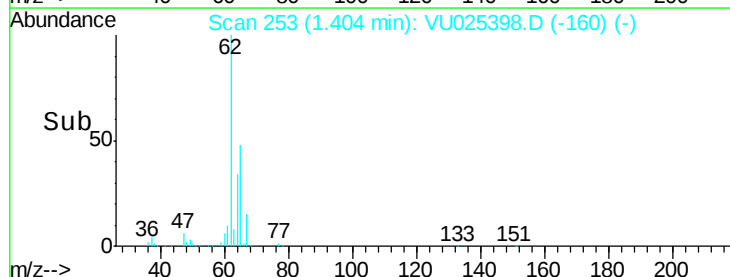
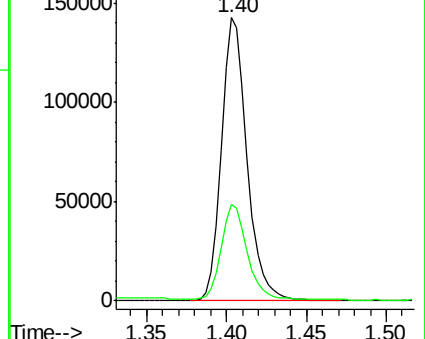
62 100

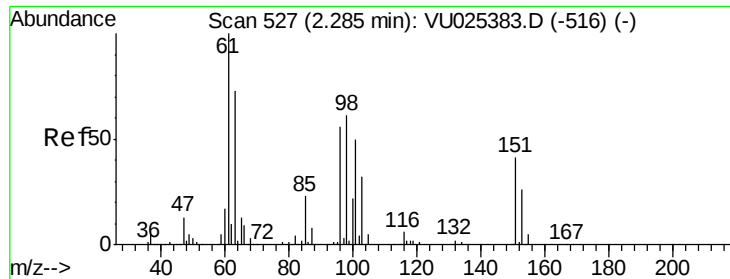
64 34.1 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#12

1,1-Dichloroethene

Concen: 3.337 ug/L

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

DB178

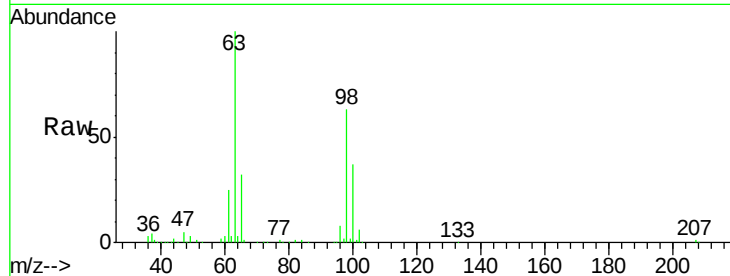
Tgt Ion: 96 Resp: 6914

Ion Ratio Lower Upper

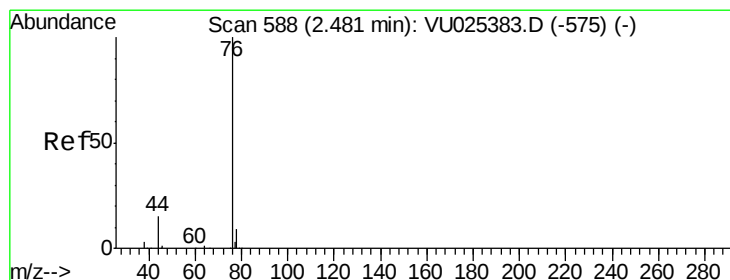
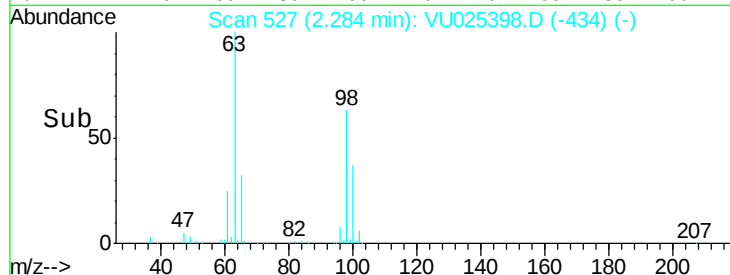
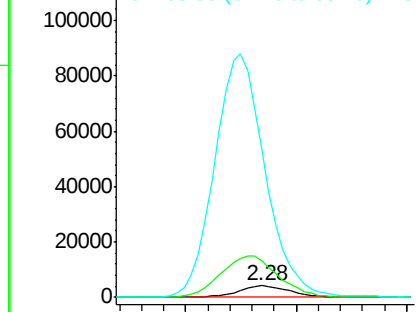
96 100

61 313.2 128.1 237.9#

63 1257.9 103.6 192.4#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 63.00 (62.70 to 63.70): VU0



#14

Carbon disulfide

Concen: 1.511 ug/L

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025398.D

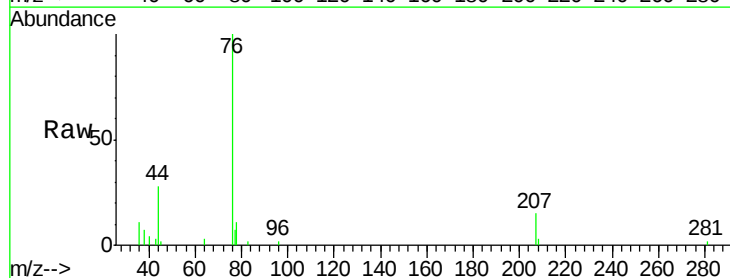
Acq: 13 Jul 2018 17:54

Tgt Ion: 76 Resp: 9452

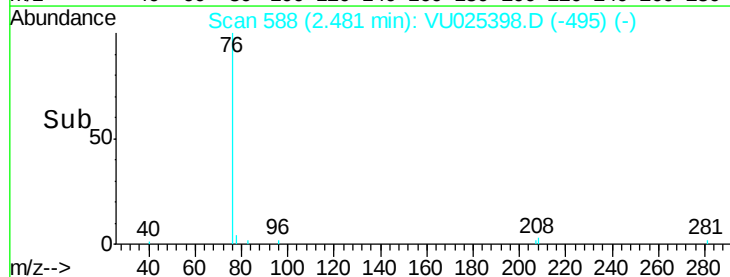
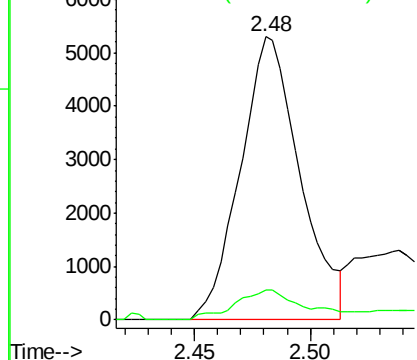
Ion Ratio Lower Upper

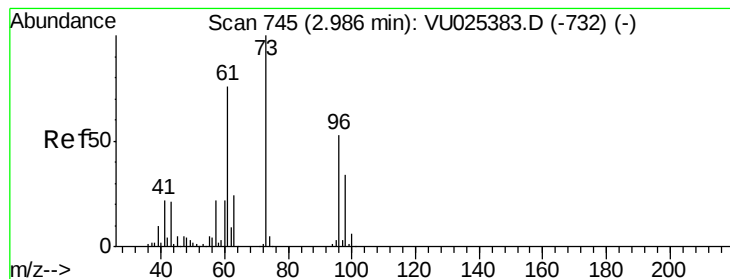
76 100

78 10.6 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0
Ion 78.00 (77.70 to 78.70): VU0





#17

trans-1,2-Dichloroethene

Concen: 3.499 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025398.D

Acq: 13 Jul 2018 17:54

Instrument :

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DB178

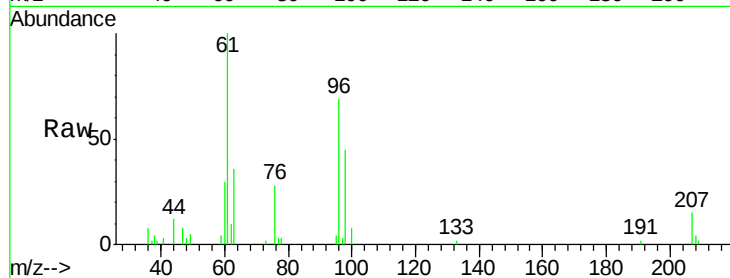
Tgt Ion: 96 Resp: 7850

Ion Ratio Lower Upper

96 100

61 144.1 102.7 190.7

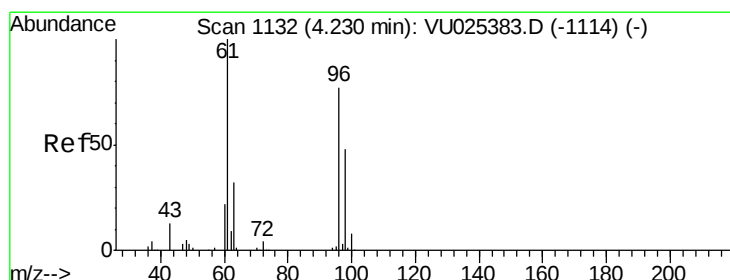
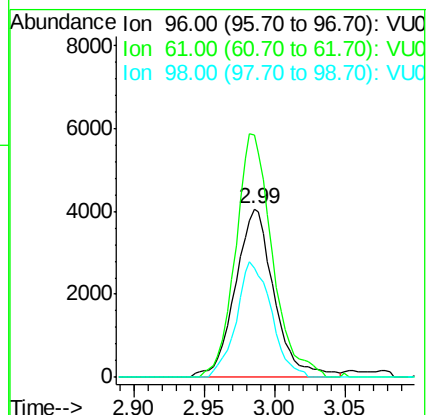
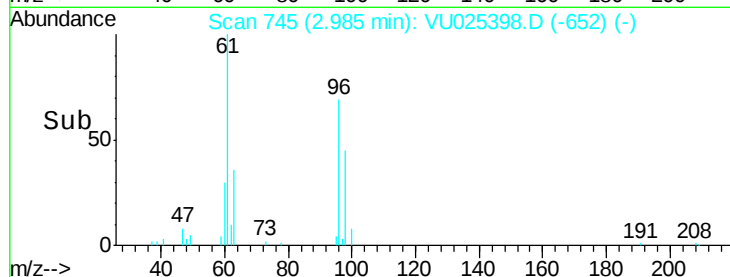
98 64.8 44.4 82.5



Abundance Ion 96.00 (95.70 to 96.70): VU025398.D (-652) (-)

Ion 61.00 (60.70 to 61.70): VU025398.D (-652) (-)

Ion 98.00 (97.70 to 98.70): VU025398.D (-652) (-)



#20

cis-1,2-Dichloroethene

Concen: 682.969 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025398.D

Acq: 13 Jul 2018 17:54

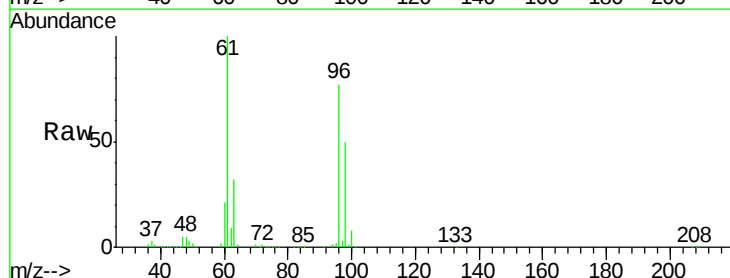
Tgt Ion: 96 Resp: 1769538

Ion Ratio Lower Upper

96 100

61 129.5 93.4 173.6

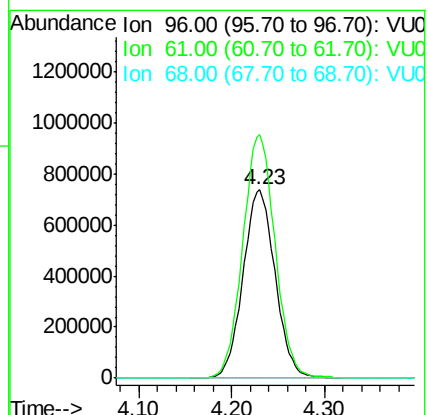
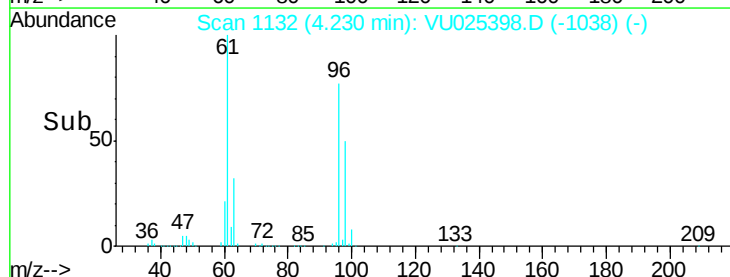
68 0.0 0.0 0.0

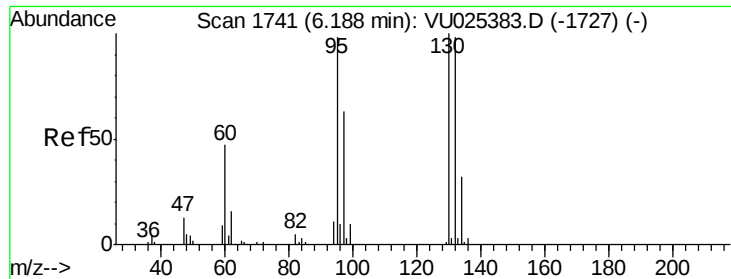


Abundance Ion 96.00 (95.70 to 96.70): VU025398.D (-1038) (-)

Ion 61.00 (60.70 to 61.70): VU025398.D (-1038) (-)

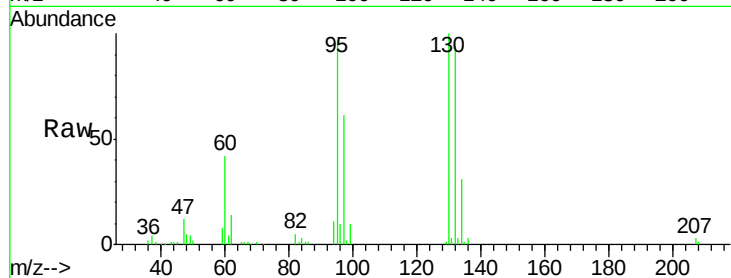
Ion 68.00 (67.70 to 68.70): VU025398.D (-1038) (-)





#34
 Trichloroethene
 Concen: 19.284 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU025398.D
 Acq: 13 Jul 2018 17:54

Instrument :
 MSVOA_U
 ClientSampleId :
 DB178



Tgt Ion:	95	Resp:	48301
Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.1	81.9
132	97.2	70.2	130.4
130	103.4	71.7	133.1

