

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026317.D
 Acq On : 23 Aug 2018 22:32
 Operator : MD/SY
 Sample : J4622-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 02:08:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 02:06:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	295518	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	291536	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	141961	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81860	45.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.84%
7) Chloroethane-d5	1.68	69	68932	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.27	63	127517	35.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.98%
21) 2-Butanone-d5	4.18	46	141733	98.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.52%
24) Chloroform-d	4.65	84	192842	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.31	65	128721	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.46%
32) Benzene-d6	5.35	84	371930	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
36) 1,2-Dichloropropane-d6	6.33	67	122050	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.48%
41) Toluene-d8	7.57	98	339150	45.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.98%
43) trans-1,3-Dichloropropene-	7.85	79	57183	44.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.40%
47) 2-Hexanone-d5	8.31	63	95885	89.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.59%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	166375	44.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	145340	48.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.50%

Target Compounds

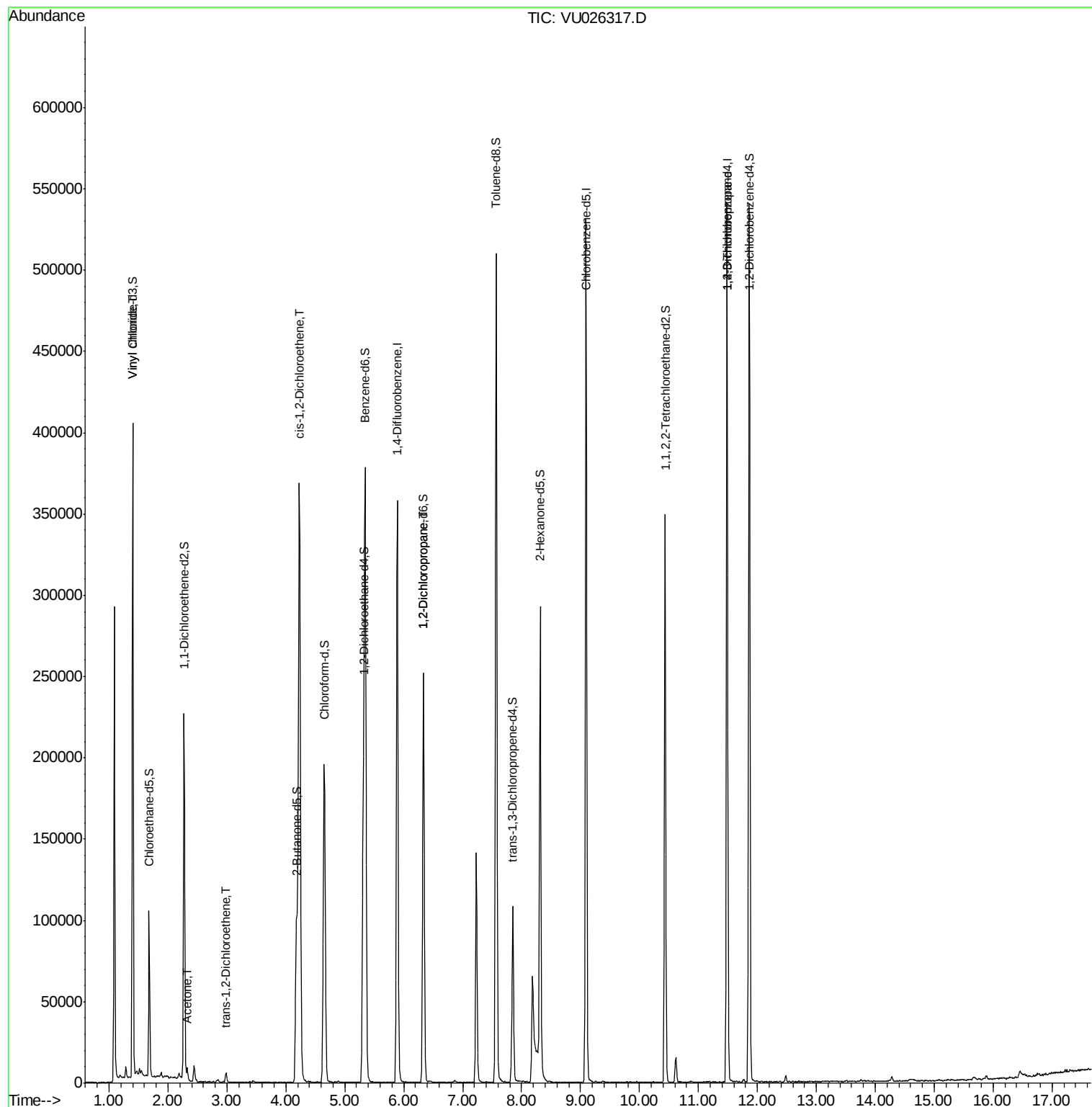
					Ovalue
5) Vinyl chloride	1.40	62	181401	84.157 ug/L	98
13) Acetone	2.32	43	5874	5.276 ug/L	100
17) trans-1,2-Dichloroethene	2.99	96	2731	1.425 ug/L	86
20) cis-1,2-Dichloroethene	4.23	96	206144	97.414 ug/L	98
37) 1,2-Dichloropropane	6.33	63	13290	6.118 ug/L #	87
59) 1,2,3-Trichloropropane	11.49	75	15773	5.825 ug/L #	87

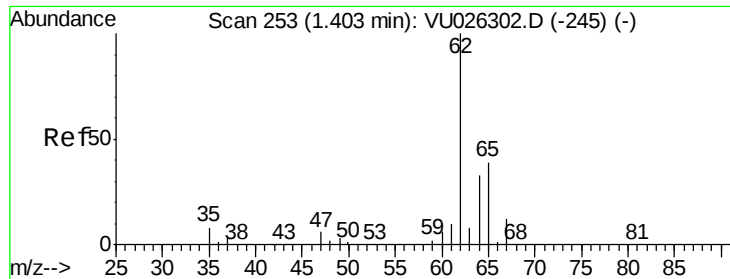
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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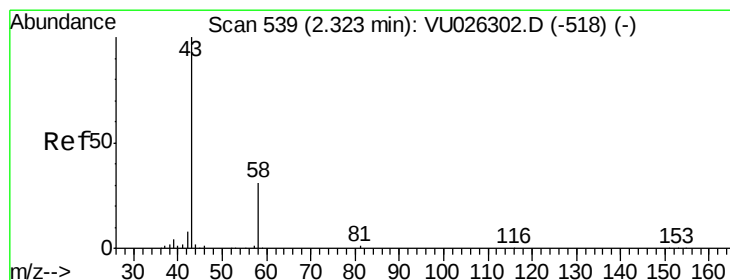
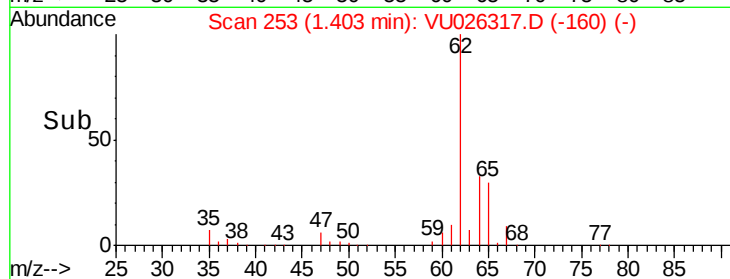
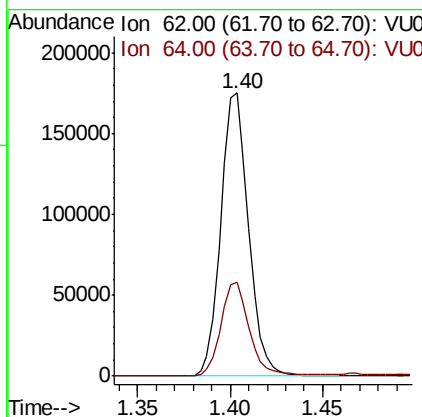
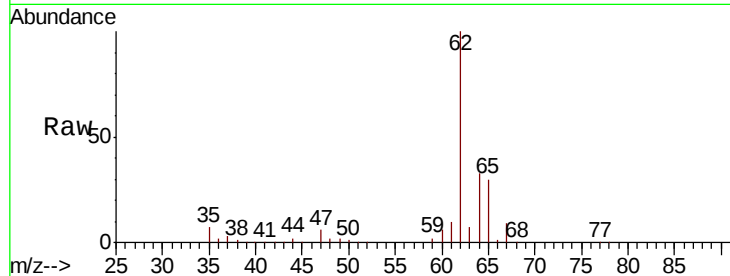




#5
 Vinyl chloride
 Concen: 84.157 ug/L
 RT: 1.40 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VU026317.D
 Acq: 23 Aug 2018 22:32

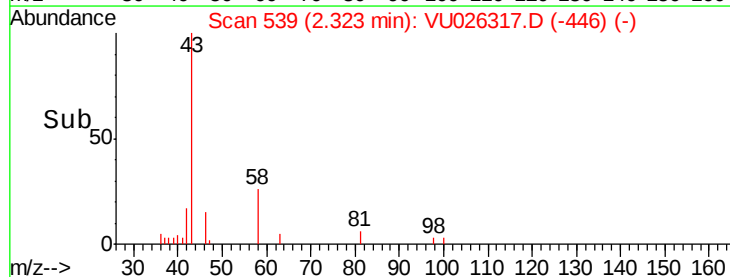
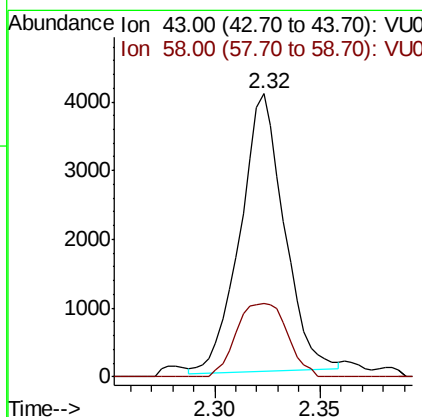
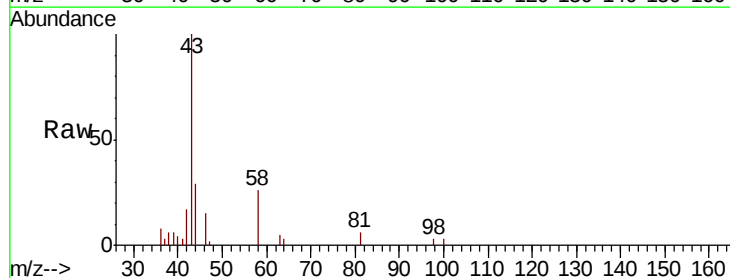
Instrument :
 MSVOA_U
 ClientSampleId :

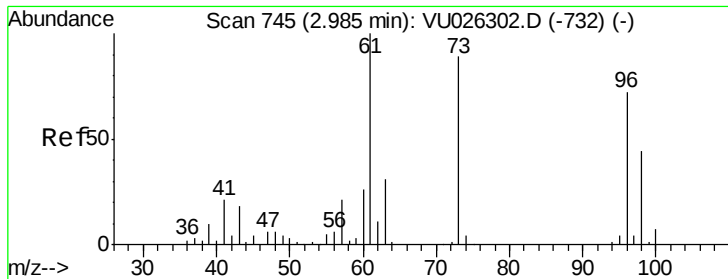
Tot Ion: 62 Resp: 181401
 Ion Ratio Lower Upper
 62 100
 64 33.2 24.2 45.0



#13
 Acetone
 Concen: 5.276 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU026317.D
 Acq: 23 Aug 2018 22:32

Tgt Ion: 43 Resp: 5874
 Ion Ratio Lower Upper
 43 100
 58 30.6 0.0 61.2





#17

trans-1,2-Dichloroethene

Concen: 1.425 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU026317.D

Acq: 23 Aug 2018 22:32

Instrument :

MSVOA_U

ClientSampleId :

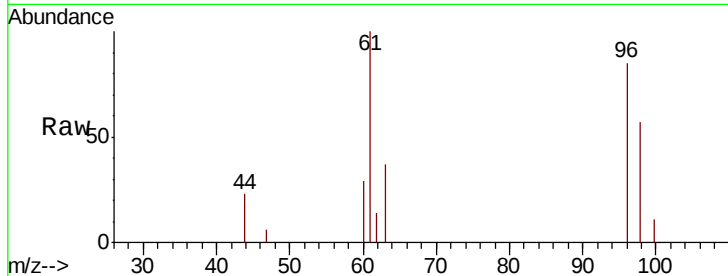
Tot Ion: 96 Resp: 2731

Ion Ratio Lower Upper

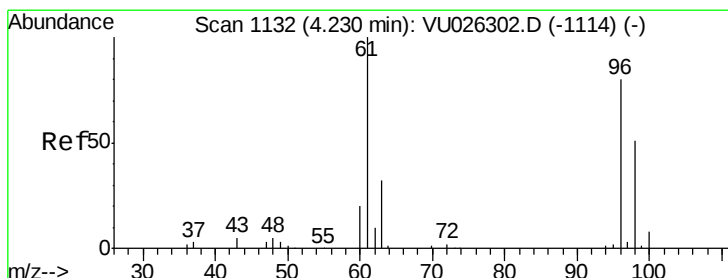
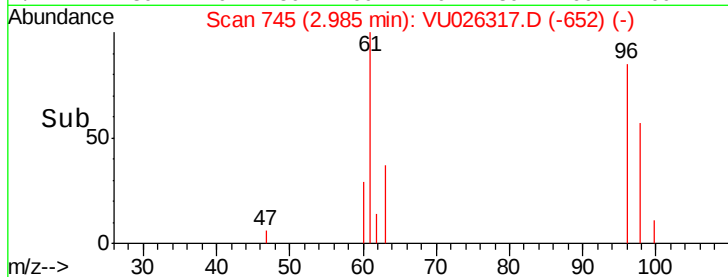
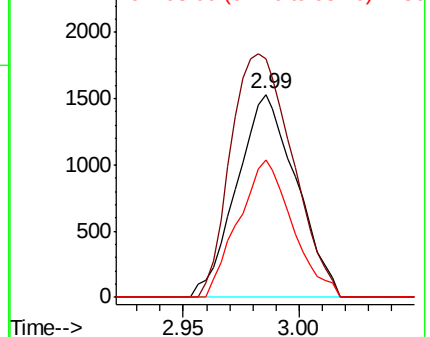
96 100

61 117.3 97.9 181.9

98 67.4 45.1 83.7



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 97.414 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026317.D

Acq: 23 Aug 2018 22:32

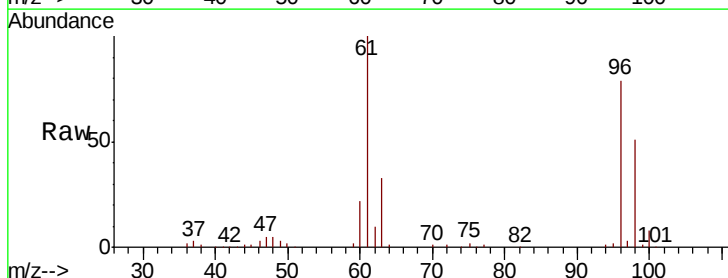
Tgt Ion: 96 Resp: 206144

Ion Ratio Lower Upper

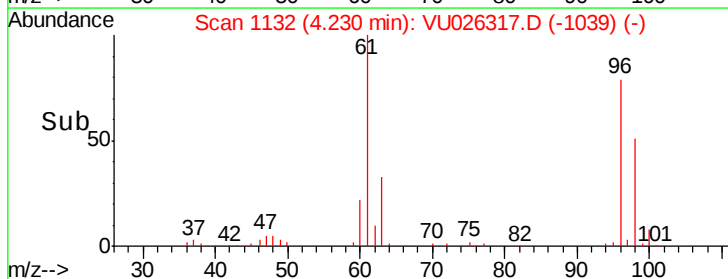
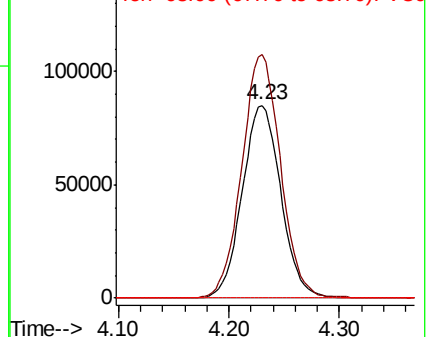
96 100

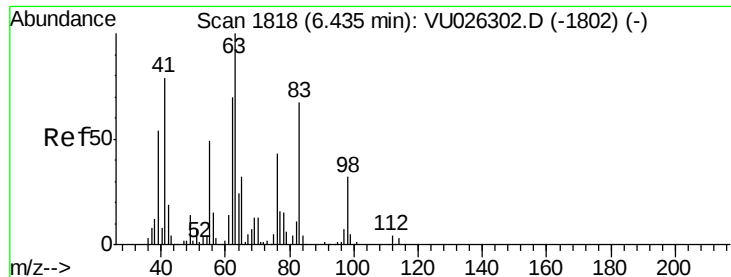
61 126.2 90.3 167.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0

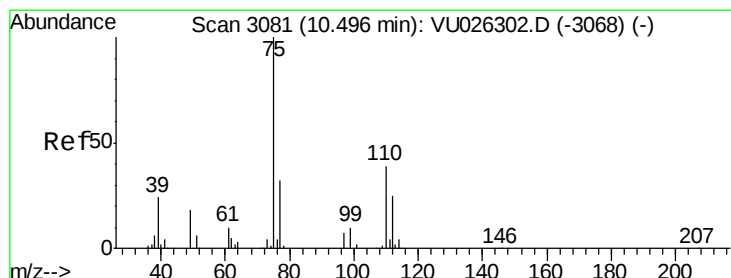
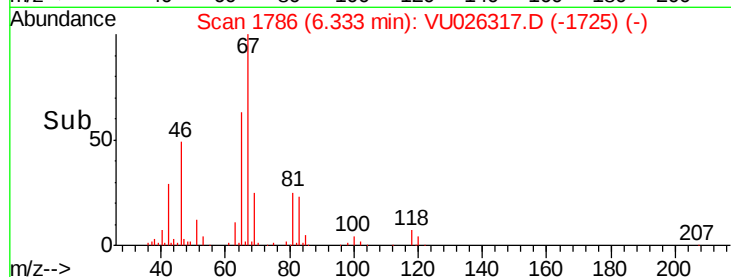
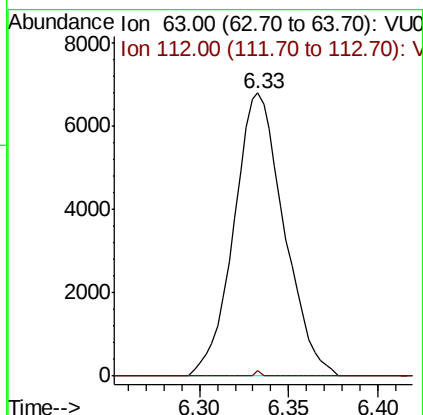
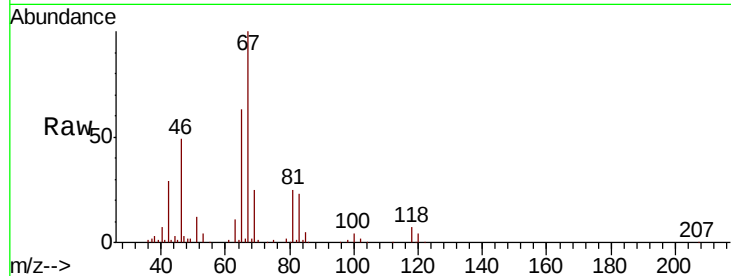




#37
 1,2-Dichloropropane
 Concen: 6.118 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026317.D
 Acq: 23 Aug 2018 22:32

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 13290
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.825 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU026317.D
 Acq: 23 Aug 2018 22:32

Tgt Ion: 75 Resp: 15773
 Ion Ratio Lower Upper
 75 100
 77 39.3 25.5 38.3#

