

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026360.D
 Acq On : 25 Aug 2018 11:01
 Operator : MD/SY
 Sample : J4622-03DL2 5000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBJ3DL2

Quant Time: Aug 27 01:31:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 04:25:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	355213	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	351687	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	169066	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	115491	53.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.62%
7) Chloroethane-d5	1.68	69	93184	52.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.48%
11) 1,1-Dichloroethene-d2	2.27	63	168337	39.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.06%
21) 2-Butanone-d5	4.18	46	157720	91.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.21%
24) Chloroform-d	4.65	84	214151	44.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.70%
26) 1,2-Dichloroethane-d4	5.31	65	153758	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
32) Benzene-d6	5.34	84	459184	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.33	67	147235	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.48%
41) Toluene-d8	7.57	98	424232	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%
43) trans-1,3-Dichloropropene-	7.85	79	71423	45.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.52%
47) 2-Hexanone-d5	8.31	63	118172	91.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	198605	44.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	180089	50.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

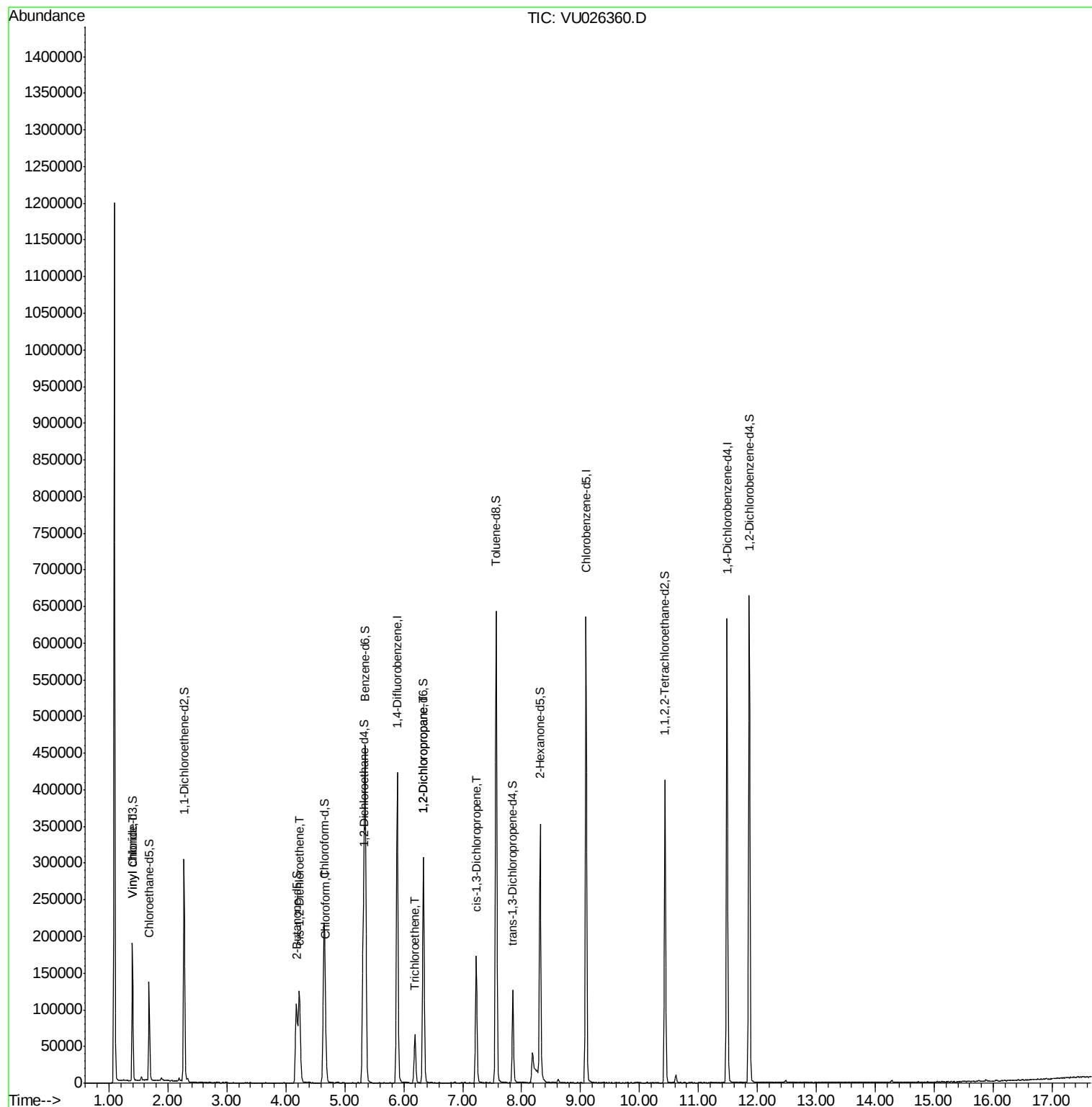
					Ovalue
5) Vinyl chloride	1.40	62	3566	1.38 ug/L	# 47
20) cis-1,2-Dichloroethene	4.23	96	67087	26.37 ug/L	99
25) Chloroform	4.68	83	24588	5.49 ug/L	98
34) Trichloroethene	6.19	95	23003	9.07 ug/L	98
37) 1,2-Dichloropropane	6.33	63	16214	6.19 ug/L	# 88
39) cis-1,3-Dichloropropene	7.23	75	4786	1.20 ug/L	84

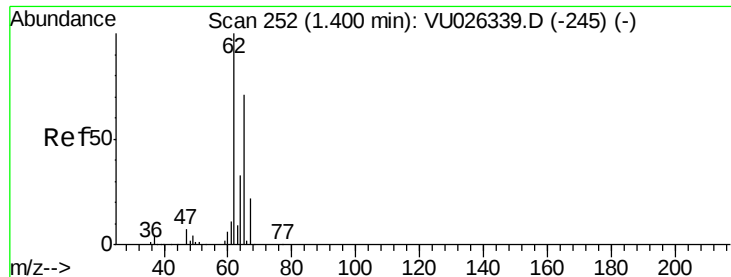
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 25 04:25:01 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.38 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU026360.D

Acq: 25 Aug 2018 11:01

Instrument :

MSVOA_U

ClientSampleId :

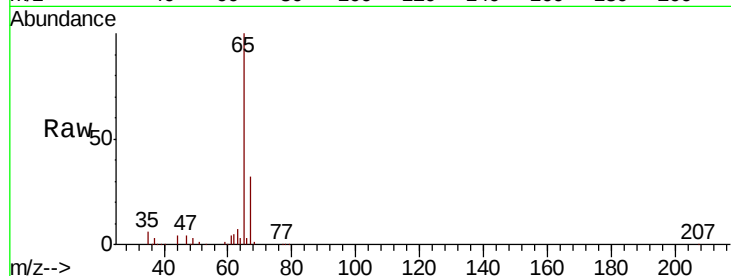
ETBJ3DL2

Tot Ion: 62 Resp: 3566

Ion Ratio Lower Upper

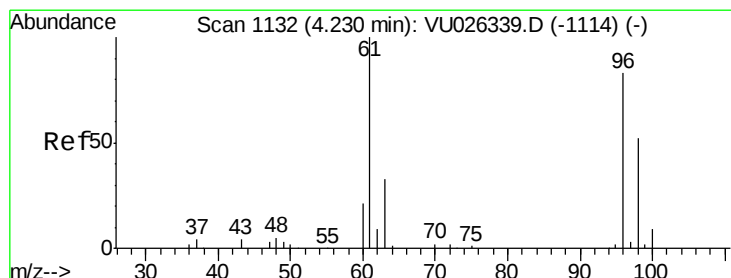
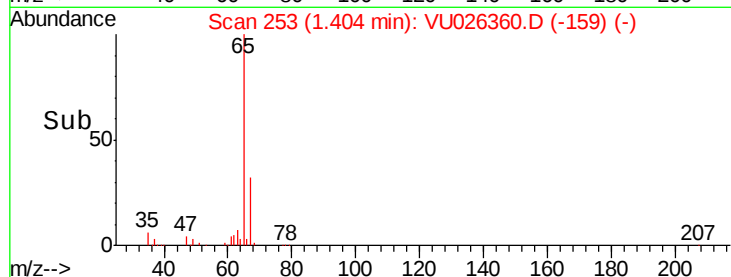
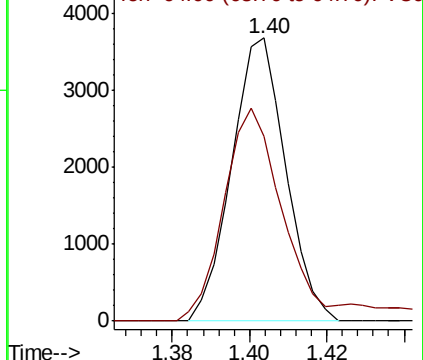
62 100

64 65.4 24.2 45.0#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 26.37 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026360.D

Acq: 25 Aug 2018 11:01

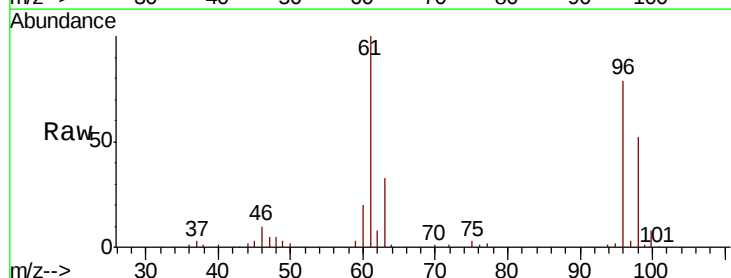
Tgt Ion: 96 Resp: 67087

Ion Ratio Lower Upper

96 100

61 127.4 90.3 167.7

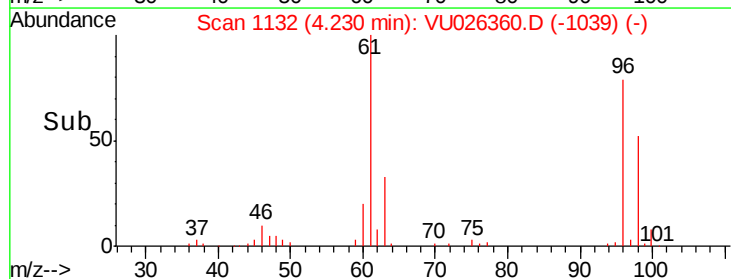
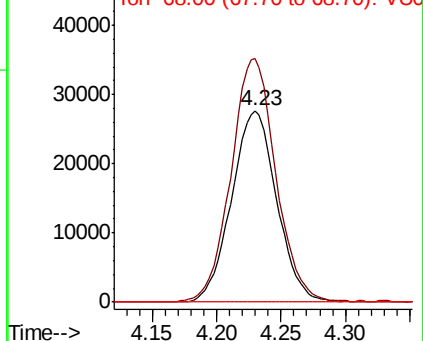
68 0.0 0.0 0.0

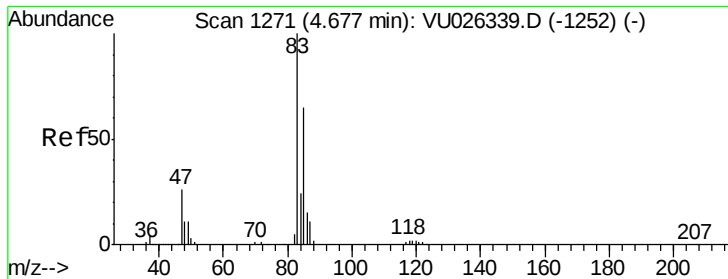


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#25

Chloroform

Concen: 5.49 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU026360.D

Acq: 25 Aug 2018 11:01

Instrument :

MSVOA_U

ClientSampled :

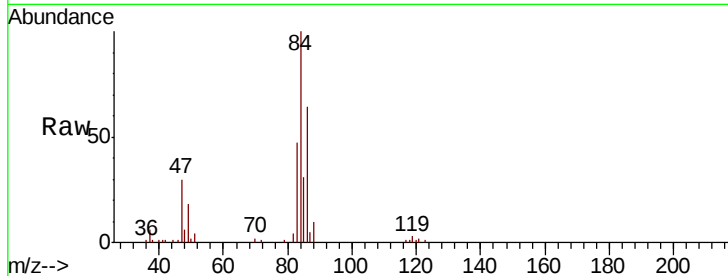
ETBJ3DL2

Tot Ion: 83 Resp: 24588

Ion Ratio Lower Upper

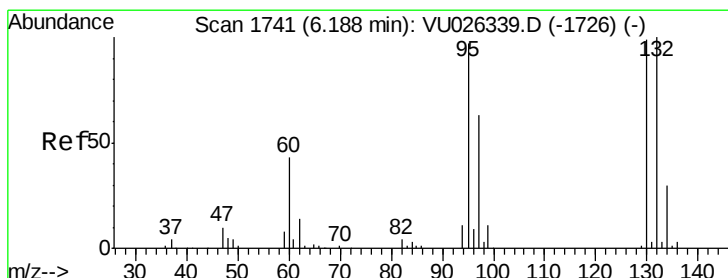
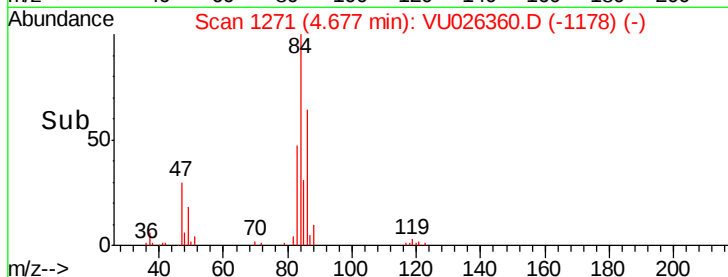
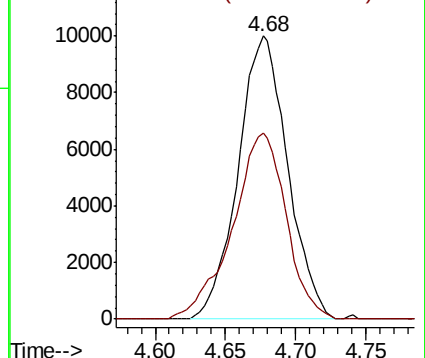
83 100

85 65.8 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#34

Trichloroethene

Concen: 9.07 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU026360.D

Acq: 25 Aug 2018 11:01

Tgt Ion: 95 Resp: 23003

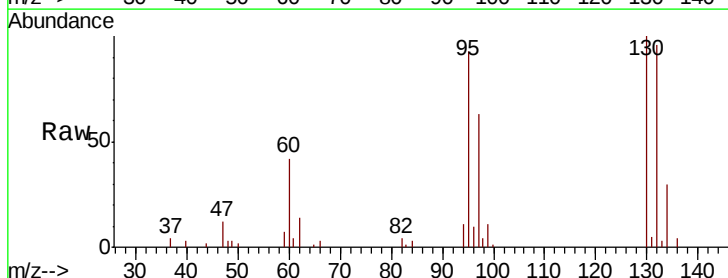
Ion Ratio Lower Upper

95 100

97 67.1 47.2 87.6

132 102.6 70.2 130.4

130 107.2 73.4 136.4

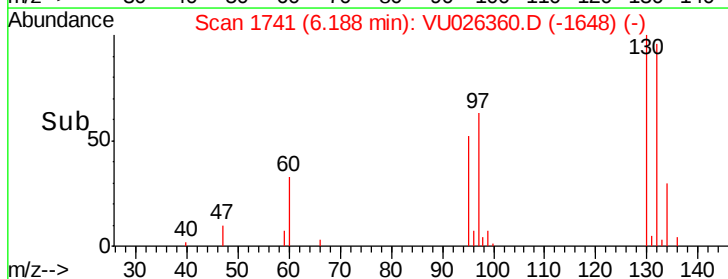
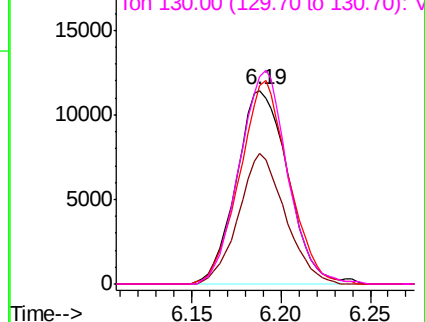


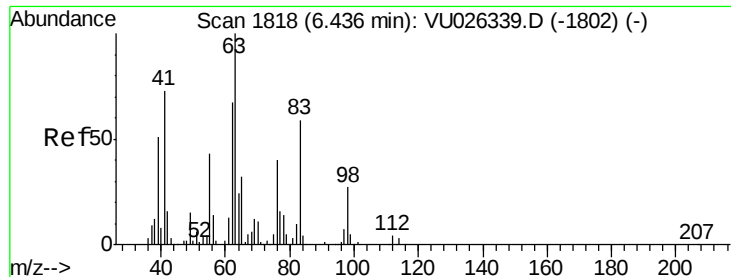
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

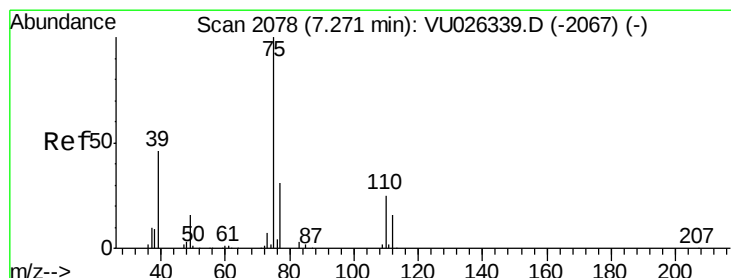
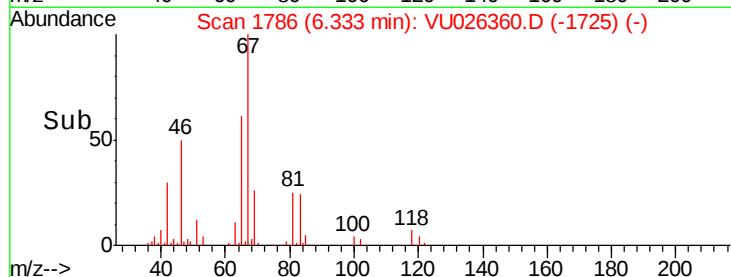
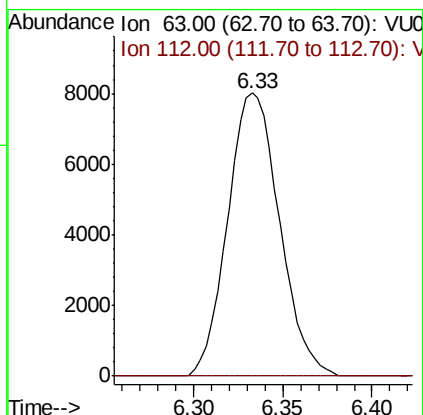
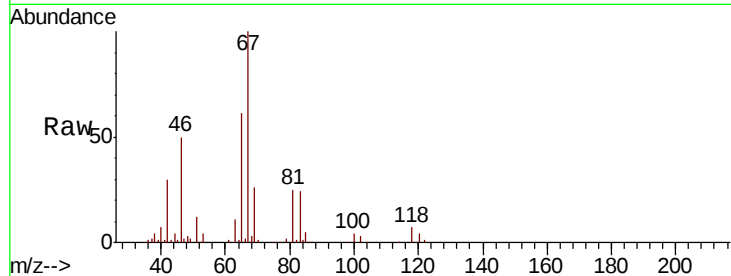




#37
 1,2-Dichloropropane
 Concen: 6.19 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026360.D
 Acq: 25 Aug 2018 11:01

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBJ3DL2

Tot Ion: 63 Resp: 16214
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.20 ug/L
 RT: 7.23 min Scan# 2066
 Delta R.T. -0.04 min
 Lab File: VU026360.D
 Acq: 25 Aug 2018 11:01

Tgt Ion: 75 Resp: 4786
 Ion Ratio Lower Upper
 75 100
 77 40.2 22.0 40.8

