

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082718\
 Data File : VU026396.D
 Acq On : 27 Aug 2018 14:00
 Operator : MD/SY
 Sample : J4644-20DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ET0N0DL

Quant Time: Aug 27 14:55:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 27 13:46:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	313073	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	306736	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	143715	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	95693	50.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.22%
7) Chloroethane-d5	1.68	69	78216	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.46%
11) 1,1-Dichloroethene-d2	2.27	63	145543	38.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.56%
21) 2-Butanone-d5	4.18	46	164829	108.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.15%
24) Chloroform-d	4.65	84	212981	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.08%
26) 1,2-Dichloroethane-d4	5.31	65	143364	51.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.52%
32) Benzene-d6	5.34	84	414250	50.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.96%
36) 1,2-Dichloropropane-d6	6.33	67	133853	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.60%
41) Toluene-d8	7.57	98	379356	48.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.74%
43) trans-1,3-Dichloropropene-	7.85	79	63609	46.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.46%
47) 2-Hexanone-d5	8.31	63	120604	107.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	190327	48.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	161694	53.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.04%

Target Compounds

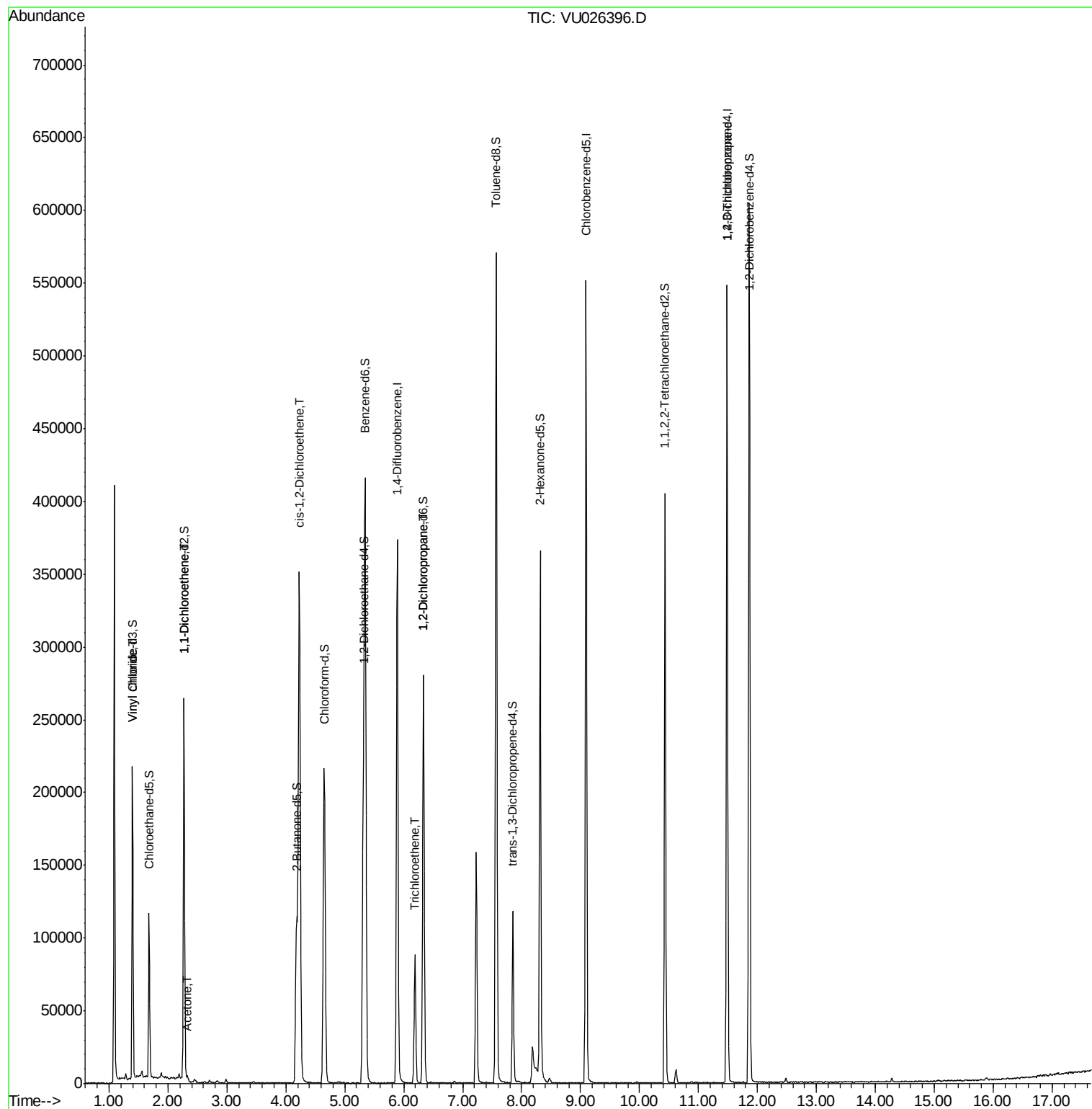
					Qvalue
5) Vinyl chloride	1.40	62	45969	20.130 ug/L	99
12) 1,1-Dichloroethene	2.28	96	2817	1.710 ug/L #	1
13) Acetone	2.32	43	1781	1.510 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	195945	87.402 ug/L	95
34) Trichloroethene	6.19	95	30473	13.781 ug/L	98
37) 1,2-Dichloropropane	6.33	63	14730	6.445 ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	15655	5.495 ug/L #	81

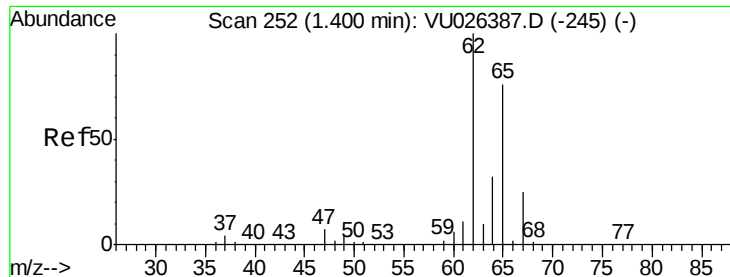
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 27 13:46:46 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 20.130 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU026396.D

Acq: 27 Aug 2018 14:00

Instrument :

MSVOA_U

ClientSampleId :

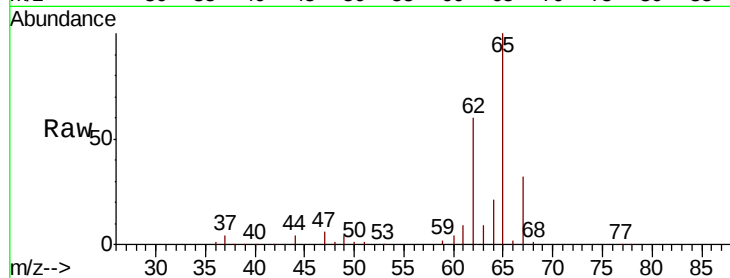
ETON0DL

Tgt Ion: 62 Resp: 45969

Ion Ratio Lower Upper

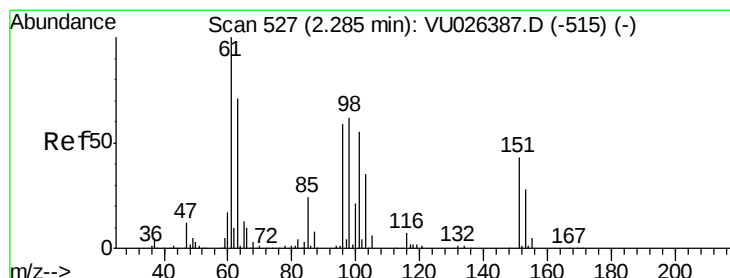
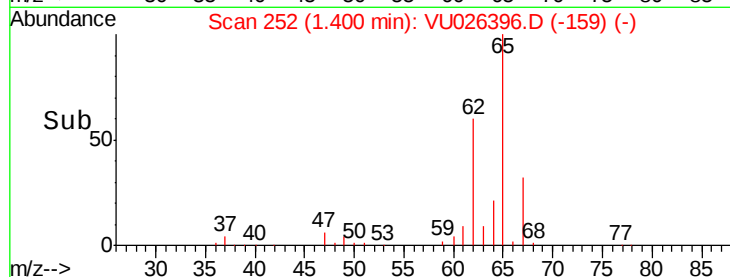
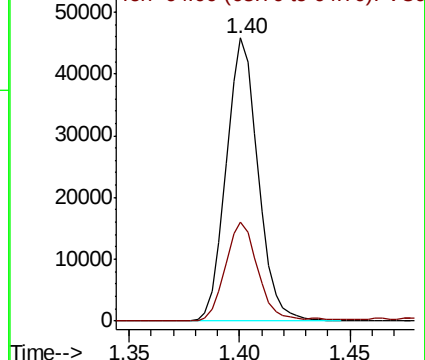
62 100

64 35.2 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#12

1,1-Dichloroethene

Concen: 1.710 ug/L

RT: 2.28 min Scan# 526

Delta R.T. -0.00 min

Lab File: VU026396.D

Acq: 27 Aug 2018 14:00

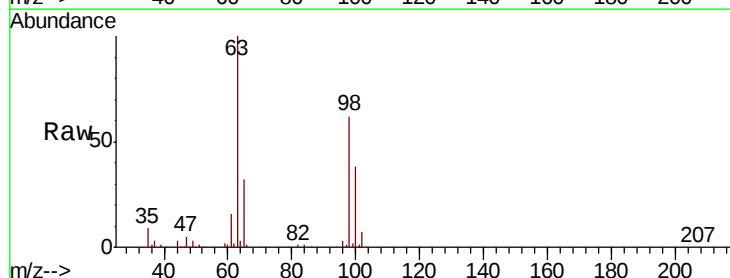
Tgt Ion: 96 Resp: 2817

Ion Ratio Lower Upper

96 100

61 486.7 124.7 231.5#

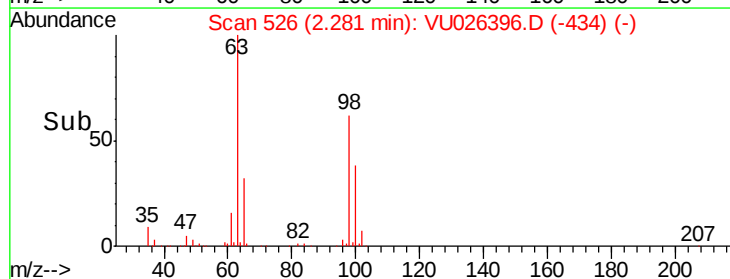
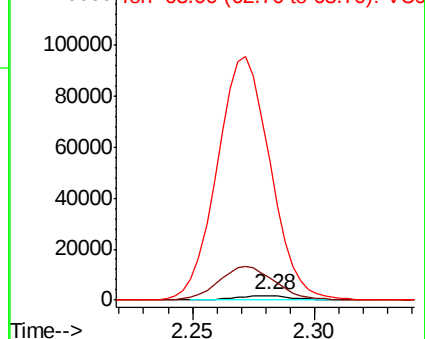
63 3035.3 93.7 174.1#

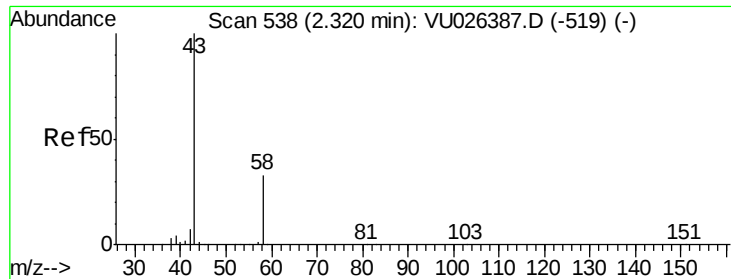


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.510 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026396.D

Acq: 27 Aug 2018 14:00

Instrument :

MSVOA_U

ClientSampleId :

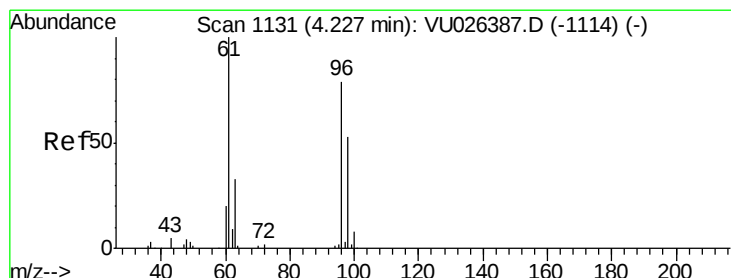
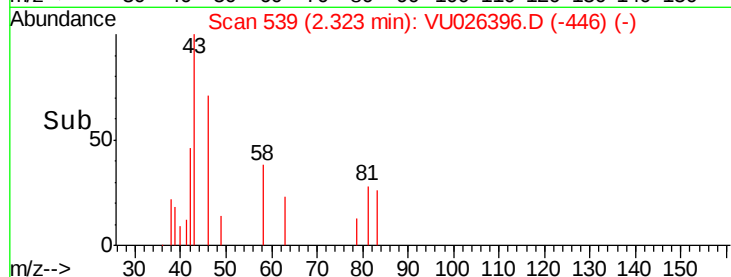
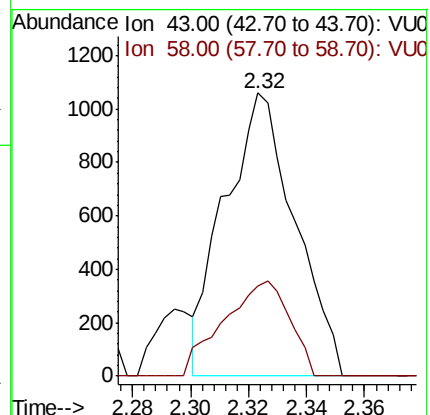
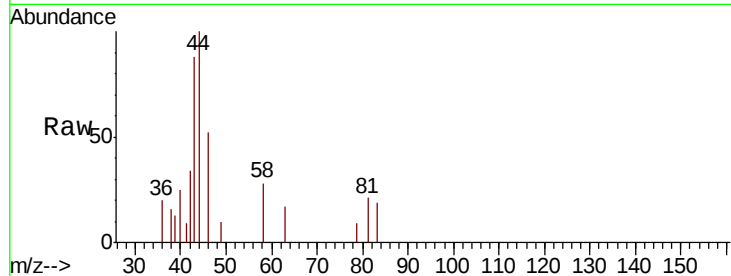
ETON0DL

Tgt Ion: 43 Resp: 1781

Ion Ratio Lower Upper

43 100

58 31.6 0.0 61.2



#20

cis-1,2-Dichloroethene

Concen: 87.402 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026396.D

Acq: 27 Aug 2018 14:00

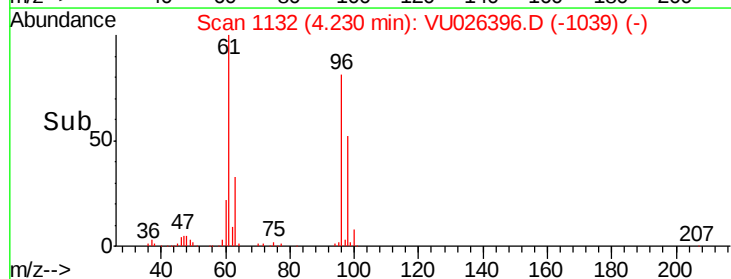
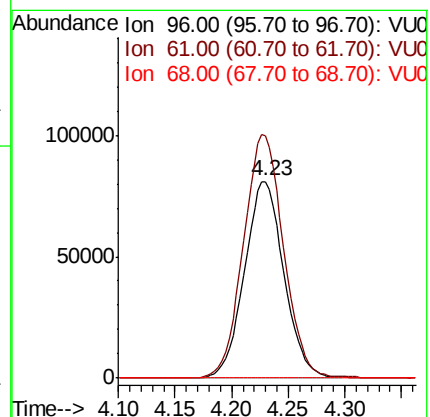
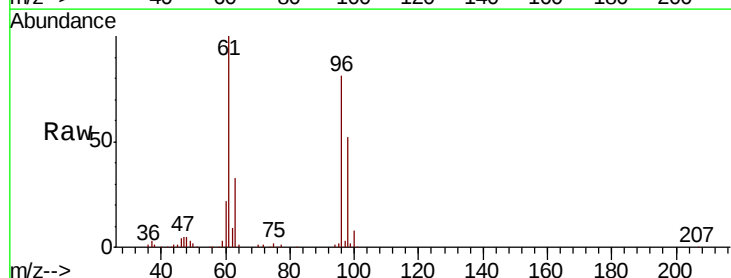
Tgt Ion: 96 Resp: 195945

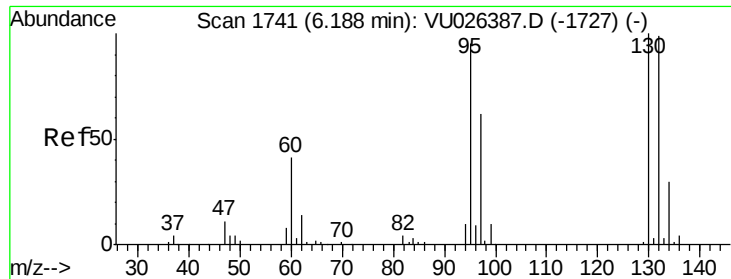
Ion Ratio Lower Upper

96 100

61 123.0 90.3 167.7

68 0.0 0.0 0.0

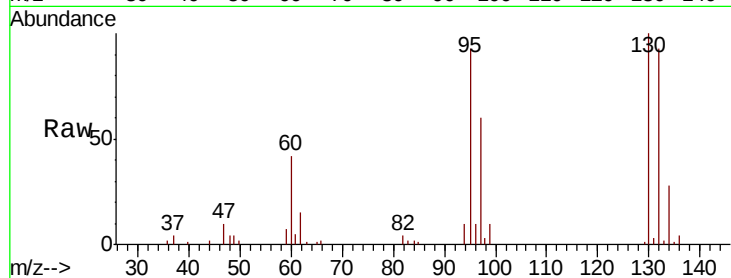




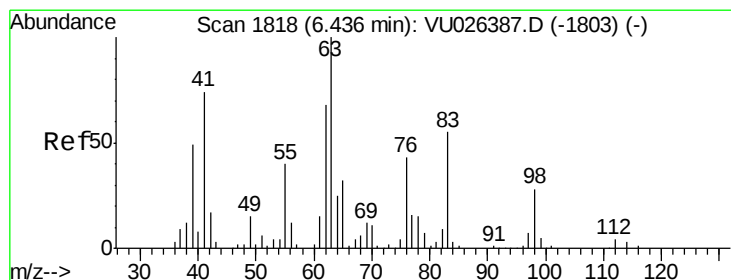
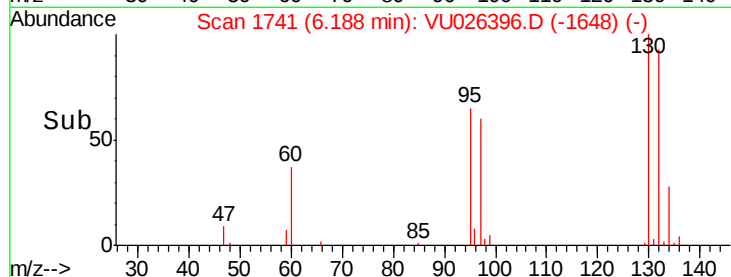
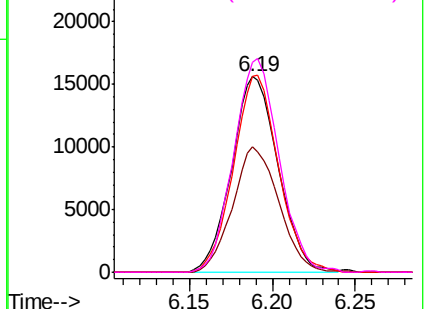
#34
 Trichloroethene
 Concen: 13.781 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU026396.D
 Acq: 27 Aug 2018 14:00

Instrument :
 MSVOA_U
 ClientSampleId :
 ET0N0DL

Tgt Ion: 95 Resp: 30473
 Ion Ratio Lower Upper
 95 100
 97 64.3 47.2 87.6
 132 99.9 70.2 130.4
 130 107.1 73.4 136.4

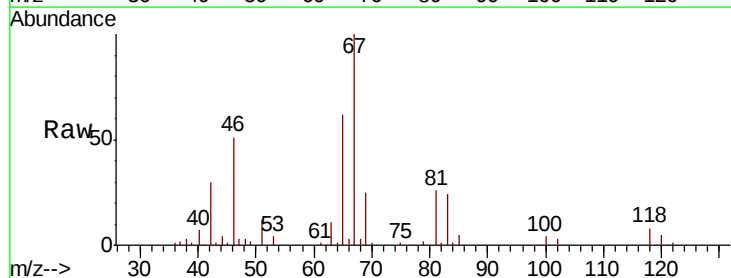


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

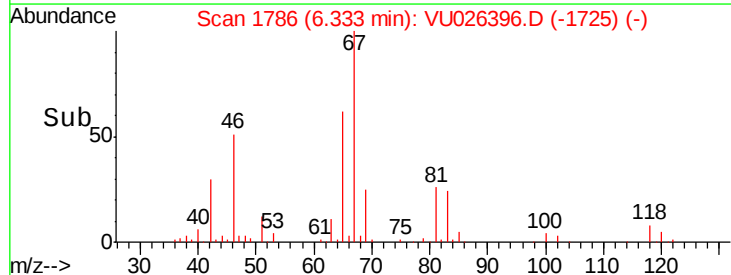
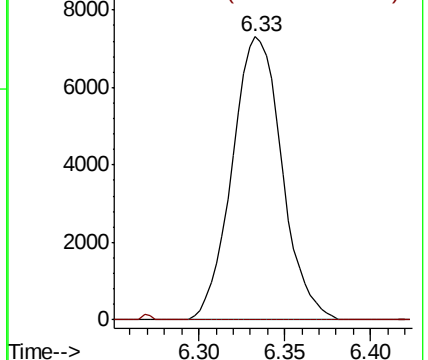


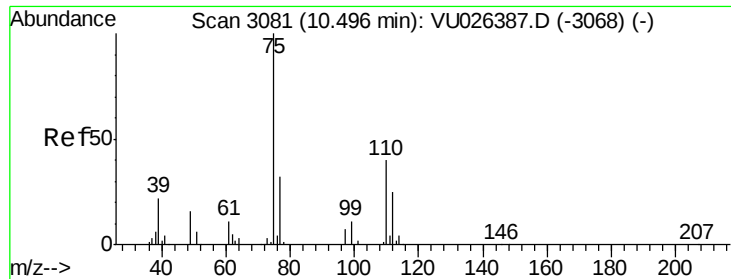
#37
 1,2-Dichloropropane
 Concen: 6.445 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026396.D
 Acq: 27 Aug 2018 14:00

Tgt Ion: 63 Resp: 14730
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 5.495 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026396.D

Acq: 27 Aug 2018 14:00

Instrument :

MSVOA_U

ClientSampleId :

ETON0DL

Tgt Ion: 75 Resp: 15655

Ion Ratio Lower Upper

75 100

77 42.3 25.5 38.3#

