

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082418\
 Data File : VU026355.D
 Acq On : 24 Aug 2018 23:42
 Operator : MD/SY
 Sample : J4644-16 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 04:29:44 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	286289	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	279817	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	132112	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73897	42.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.64%
7) Chloroethane-d5	1.68	69	61946	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.27	63	108712	31.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.34%
21) 2-Butanone-d5	4.18	46	135729	97.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.39%
24) Chloroform-d	4.65	84	172485	44.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.64%
26) 1,2-Dichloroethane-d4	5.31	65	118996	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
32) Benzene-d6	5.35	84	339030	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.58%
36) 1,2-Dichloropropane-d6	6.33	67	111046	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.40%
41) Toluene-d8	7.57	98	288920	40.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.76%
43) trans-1,3-Dichloropropene-	7.85	79	52033	41.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.80%
47) 2-Hexanone-d5	8.31	63	93613	91.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	162668	45.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	128994	46.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.02%

Target Compounds

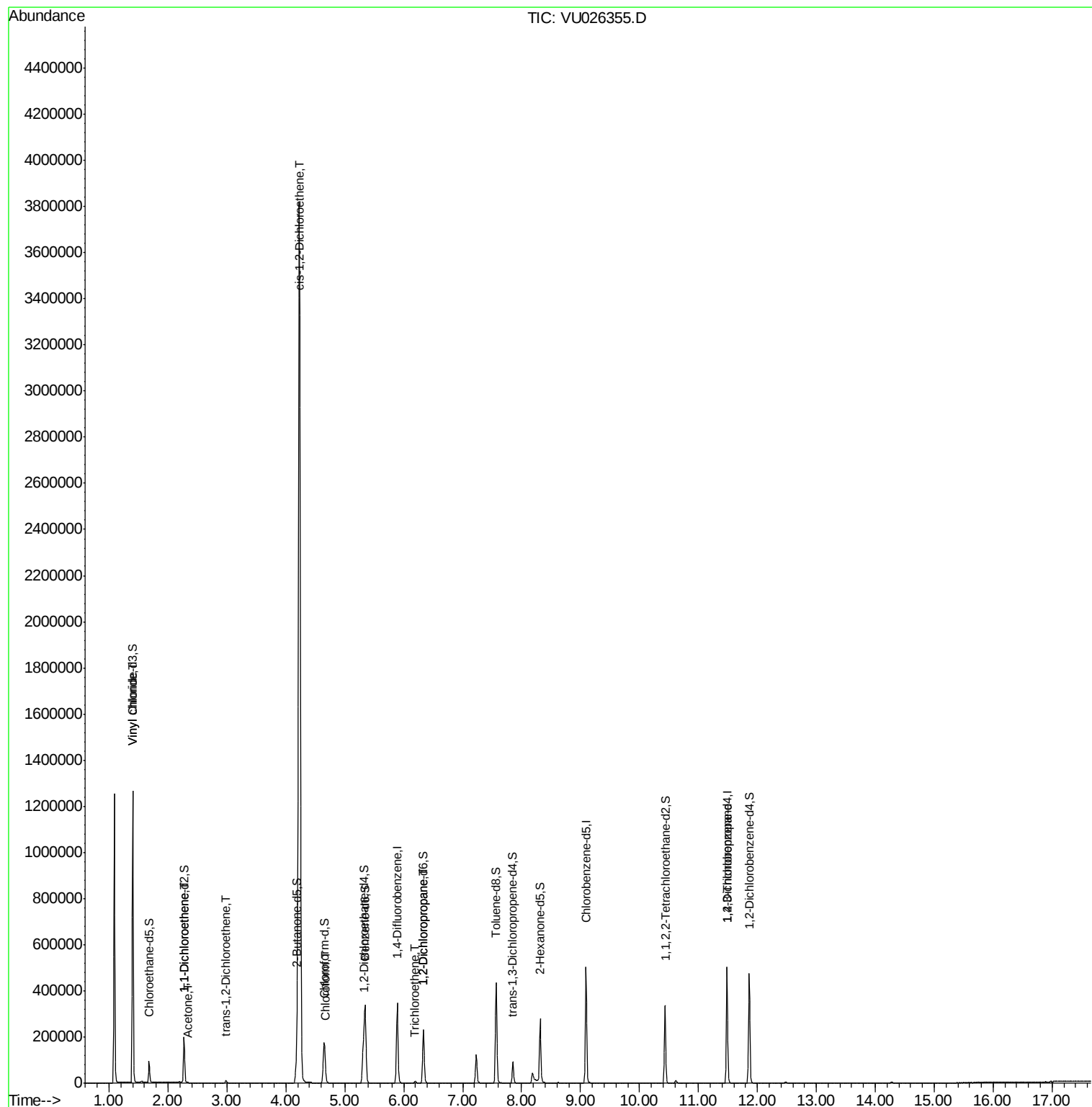
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	720134	344.860	ug/L	96
12) 1,1-Dichloroethene	2.28	96	2378	1.578	ug/L #	1
13) Acetone	2.32	43	1377	1.277	ug/L	68
17) trans-1,2-Dichloroethene	2.99	96	4324	2.328	ug/L	77
20) cis-1,2-Dichloroethene	4.23	96	2182991	1064.832	ug/L	97
25) Chloroform	4.68	83	4899	1.357	ug/L	90
34) Trichloroethene	6.18	95	2680	1.329	ug/L	98
37) 1,2-Dichloropropane	6.33	63	12101	5.804	ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	14401	5.541	ug/L #	87

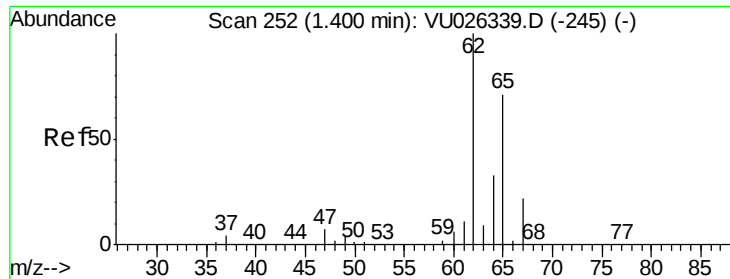
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 344.860 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU026355.D

Acq: 24 Aug 2018 23:42

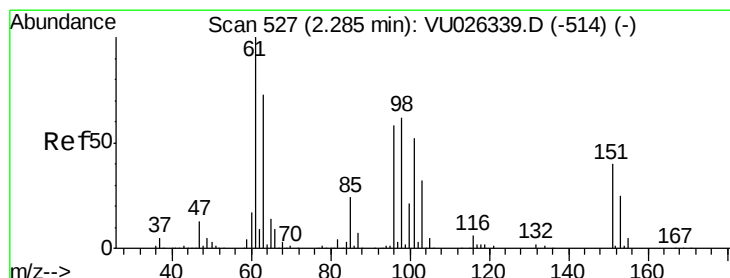
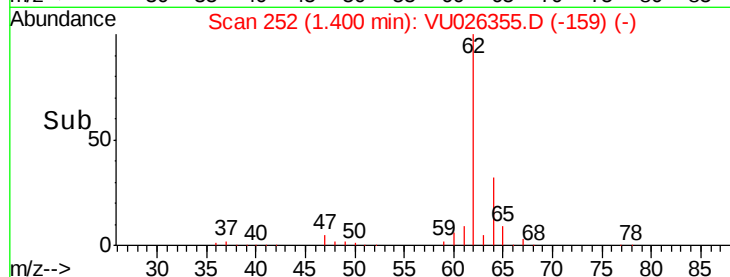
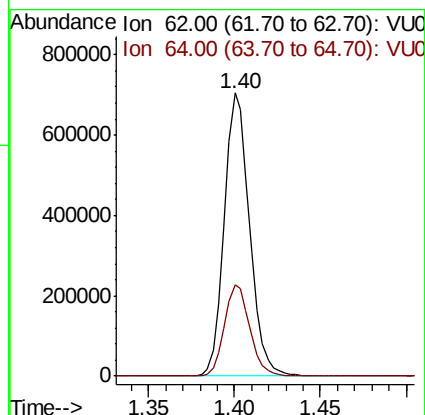
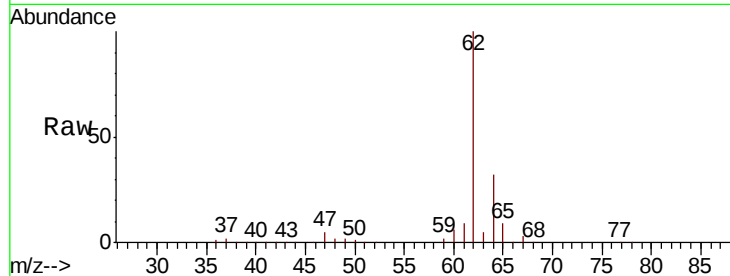
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 62 Resp: 720134

Ion Ratio Lower Upper

62 100

64 32.3 24.2 45.0



#12

1,1-Dichloroethene

Concen: 1.578 ug/L

RT: 2.28 min Scan# 525

Delta R.T. -0.01 min

Lab File: VU026355.D

Acq: 24 Aug 2018 23:42

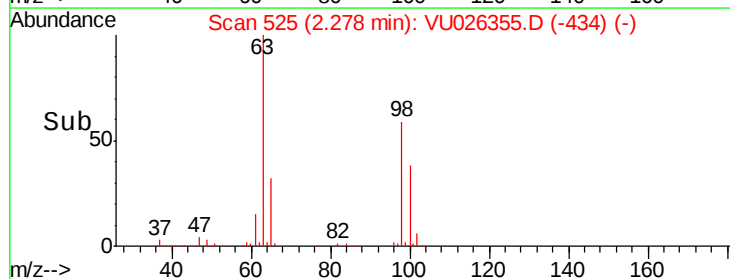
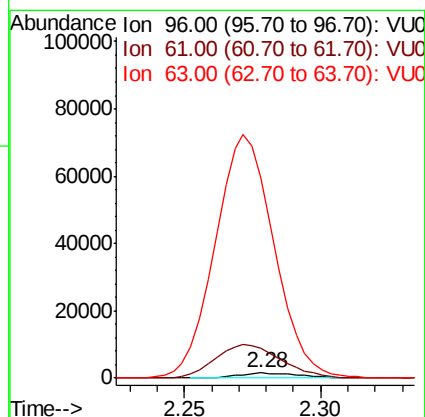
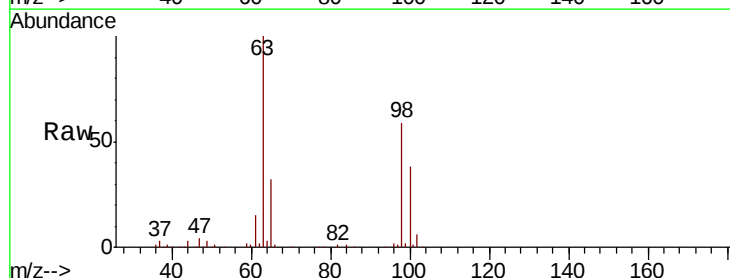
Tgt Ion: 96 Resp: 2378

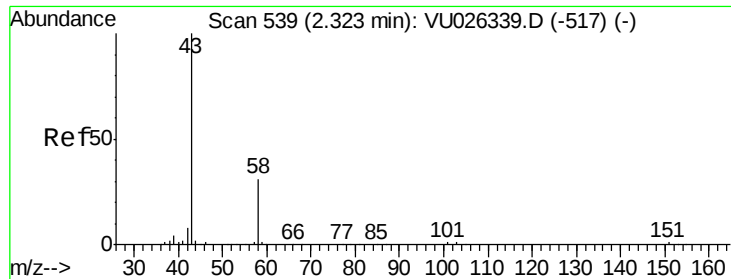
Ion Ratio Lower Upper

96 100

61 596.6 124.7 231.5#

63 4011.4 93.7 174.1#





#13

Acetone

Concen: 1.277 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU026355.D

Acq: 24 Aug 2018 23:42

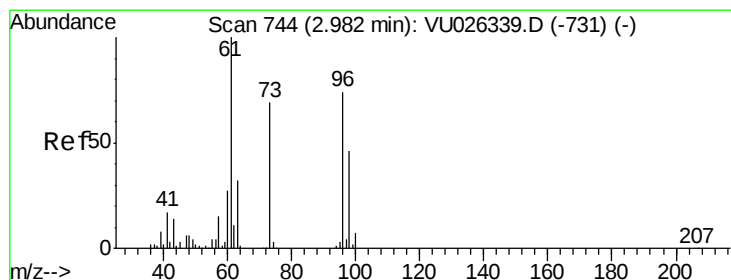
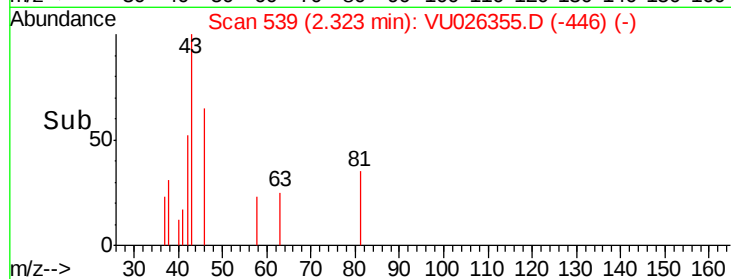
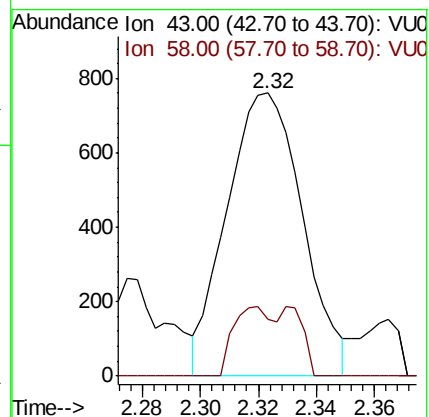
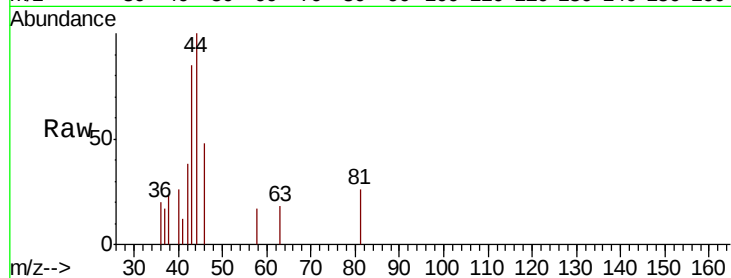
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 1377

Ion Ratio Lower Upper

43 100

58 13.2 0.0 61.2



#17

trans-1,2-Dichloroethene

Concen: 2.328 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU026355.D

Acq: 24 Aug 2018 23:42

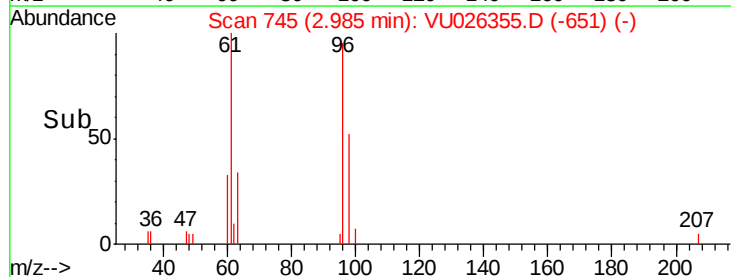
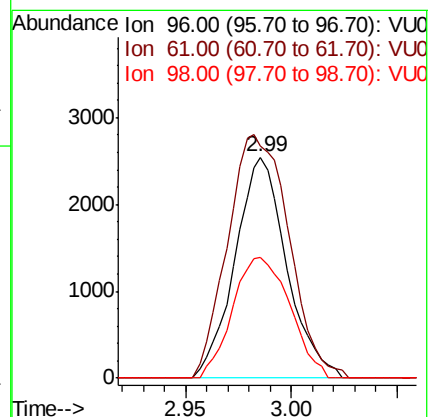
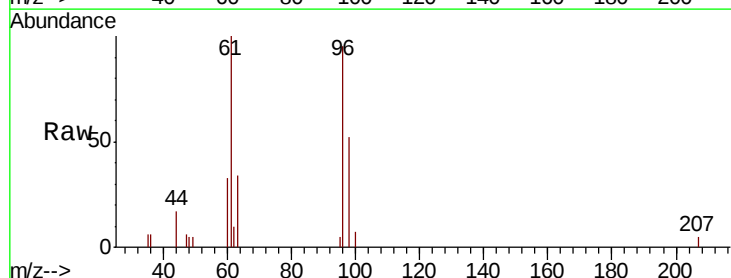
Tgt Ion: 96 Resp: 4324

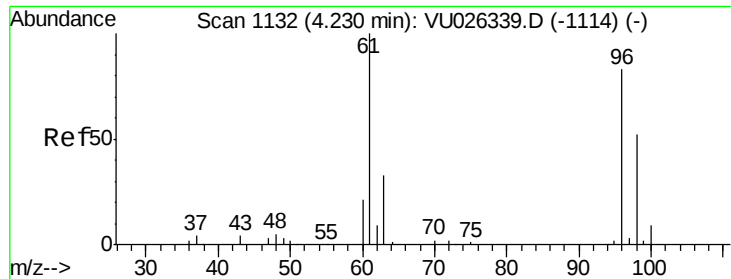
Ion Ratio Lower Upper

96 100

61 105.3 97.9 181.9

98 54.7 45.1 83.7



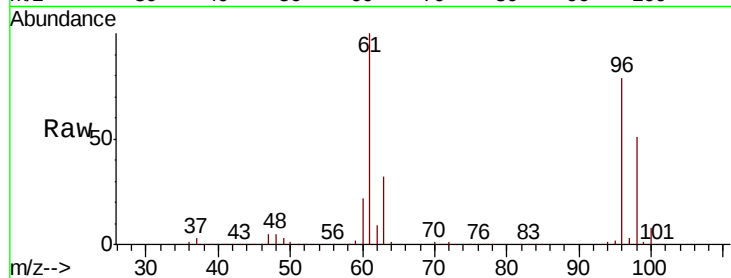


#20
 cis-1,2-Dichloroethene
 Concen: 1064.832 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU026355.D
 Acq: 24 Aug 2018 23:42

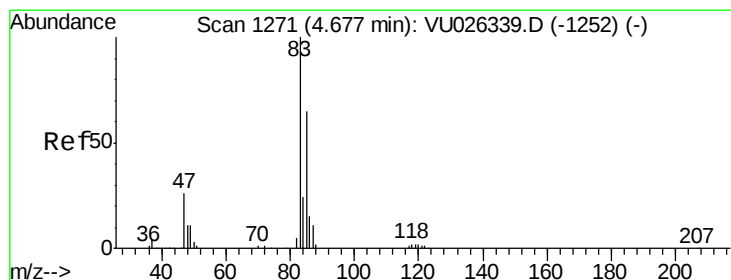
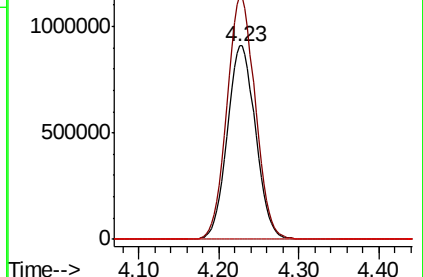
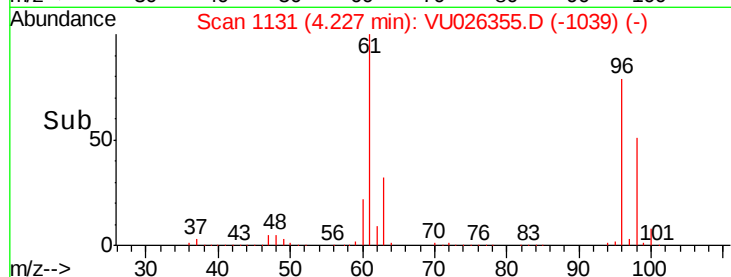
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 2182991

Ion	Ratio	Lower	Upper
96	100		
61	125.9	90.3	167.7
68	0.0	0.0	0.0



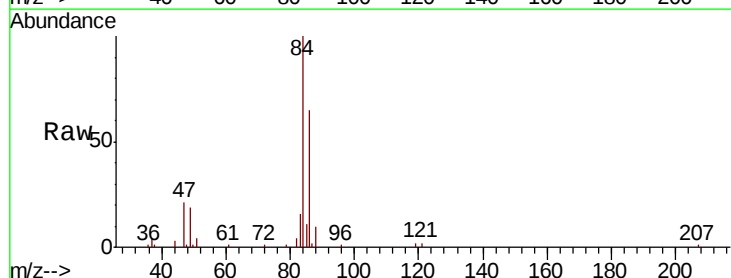
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



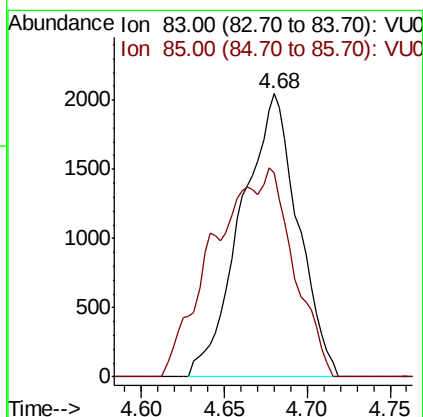
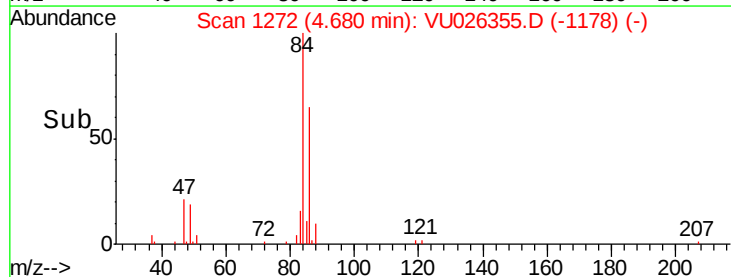
#25
 Chloroform
 Concen: 1.357 ug/L
 RT: 4.68 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: VU026355.D
 Acq: 24 Aug 2018 23:42

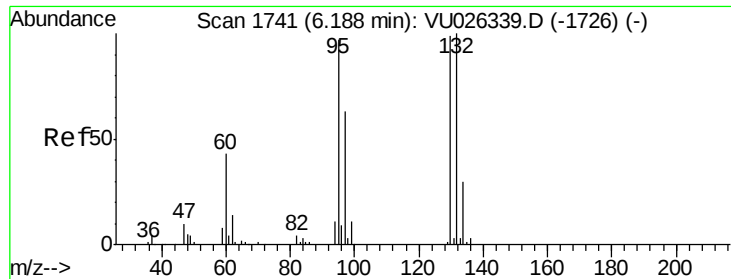
Tgt Ion: 83 Resp: 4899

Ion	Ratio	Lower	Upper
83	100		
85	72.2	45.0	83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

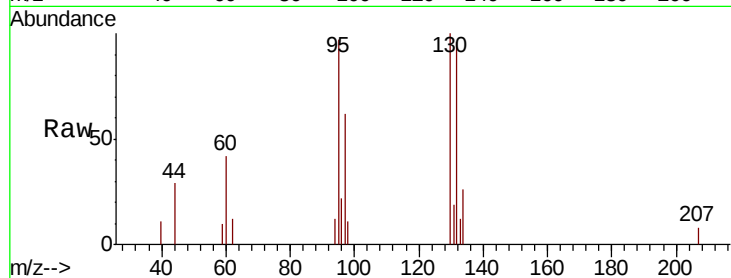




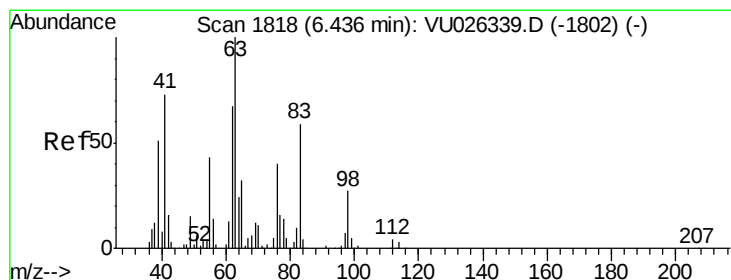
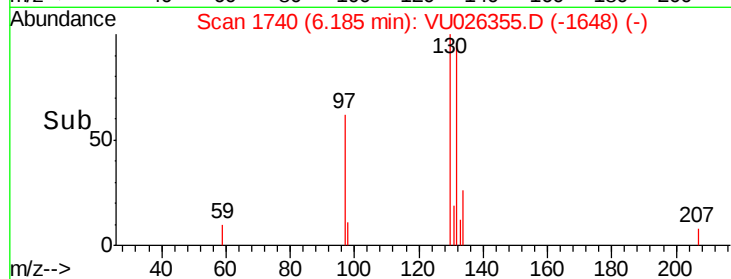
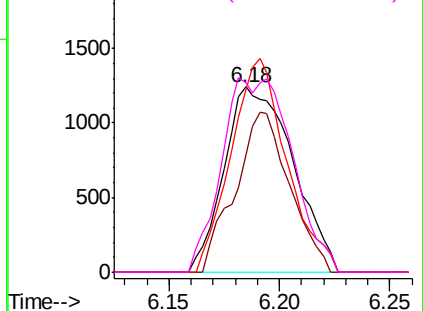
#34
 Trichloroethene
 Concen: 1.329 ug/L
 RT: 6.18 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VU026355.D
 Acq: 24 Aug 2018 23:42

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 2680
 Ion Ratio Lower Upper
 95 100
 97 63.7 47.2 87.6
 132 99.0 70.2 130.4
 130 102.7 73.4 136.4

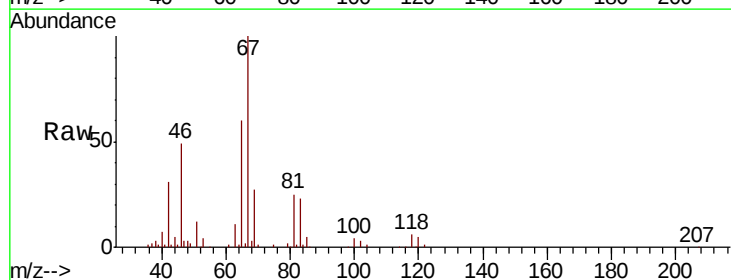


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

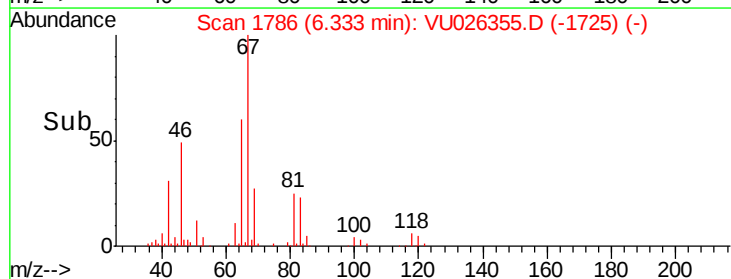
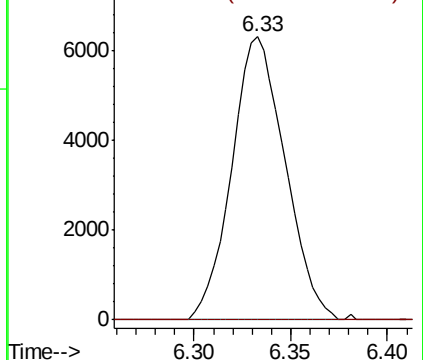


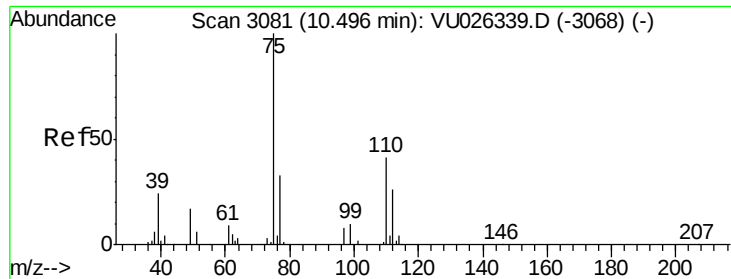
#37
 1,2-Dichloropropane
 Concen: 5.804 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026355.D
 Acq: 24 Aug 2018 23:42

Tgt Ion: 63 Resp: 12101
 Ion Ratio Lower Upper
 63 100
 112 0.4 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: 5.541 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026355.D

Acq: 24 Aug 2018 23:42

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 14401

Ion Ratio Lower Upper

75 100

77 39.3 25.5 38.3#

