

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026320.D
 Acq On : 23 Aug 2018 23:42
 Operator : MD/SY
 Sample : J4622-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 02:09:11 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	306160	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	297148	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	145664	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82482	44.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.34%
7) Chloroethane-d5	1.68	69	70850	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.06%
11) 1,1-Dichloroethene-d2	2.27	63	125458	34.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.36%
21) 2-Butanone-d5	4.18	46	153585	103.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.05%
24) Chloroform-d	4.65	84	191813	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	5.31	65	127256	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
32) Benzene-d6	5.35	84	372875	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.82%
36) 1,2-Dichloropropane-d6	6.33	67	122828	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.24%
41) Toluene-d8	7.57	98	337928	44.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.94%
43) trans-1,3-Dichloropropene-	7.85	79	57289	43.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.88%
47) 2-Hexanone-d5	8.31	63	109838	100.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	173092	45.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	147630	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%

Target Compounds

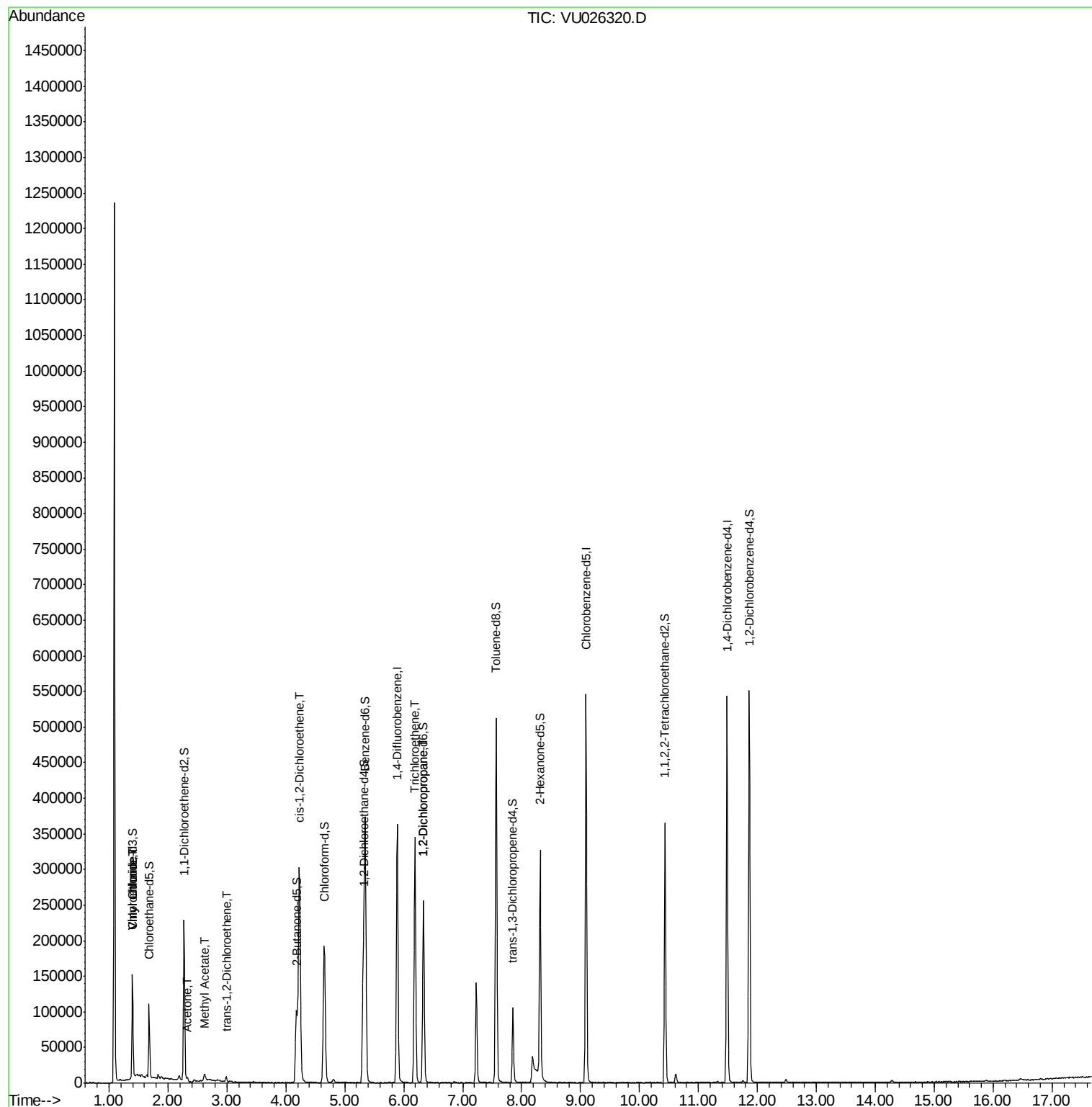
					Ovalue
5) Vinyl chloride	1.40	62	9295	4.162 ug/L #	40
8) Chloroethane	1.40	64	6361	4.967 ug/L	100
13) Acetone	2.32	43	4853	4.207 ug/L	98
15) Methyl Acetate	2.62	43	11961	5.388 ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	2961	1.491 ug/L	87
20) cis-1,2-Dichloroethene	4.23	96	171727	78.329 ug/L	96
34) Trichloroethene	6.19	95	116195	54.242 ug/L	98
37) 1,2-Dichloropropane	6.34	63	13116	5.924 ug/L #	87

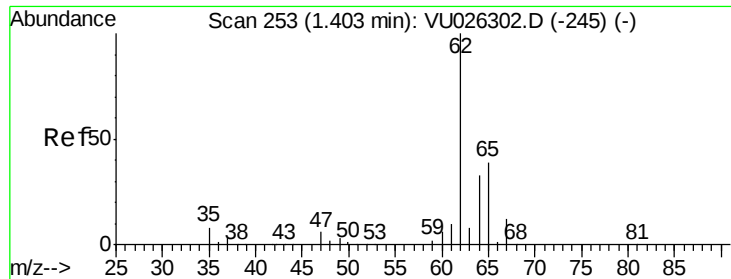
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 24 02:06:29 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.162 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU026320.D

Acq: 23 Aug 2018 23:42

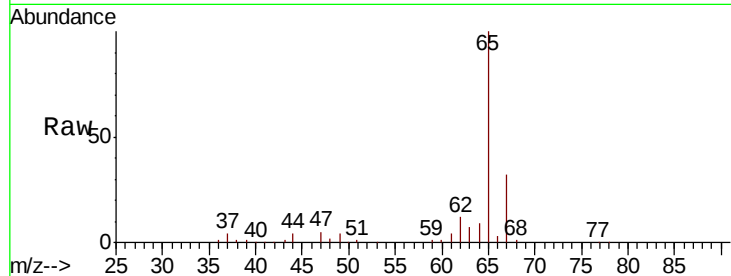
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 62 Resp: 9295

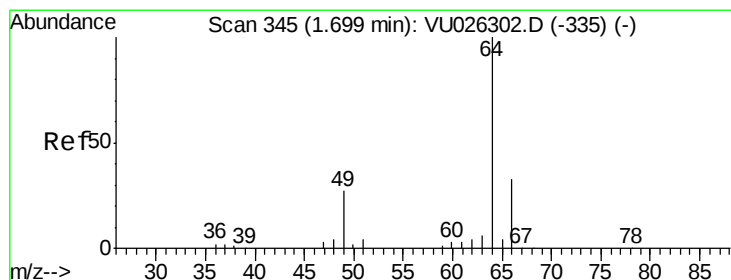
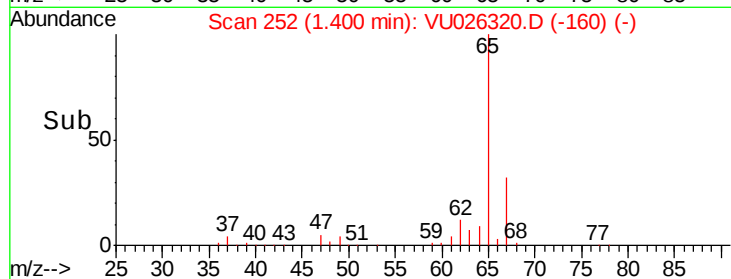
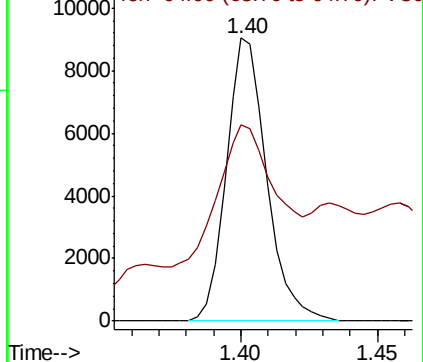
Ion Ratio Lower Upper

62 100

64 69.2 24.2 45.0#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 64.00 (63.70 to 64.70): VU0



#8

Chloroethane

Concen: 4.967 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.30 min

Lab File: VU026320.D

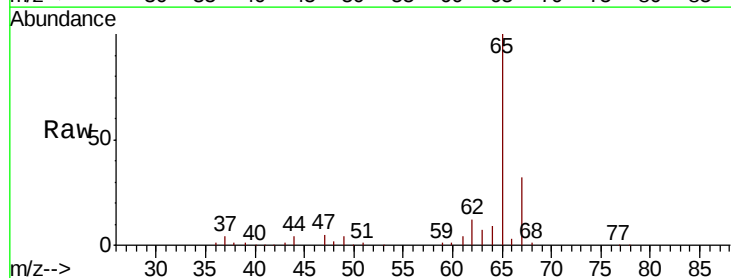
Acq: 23 Aug 2018 23:42

Tgt Ion: 64 Resp: 6361

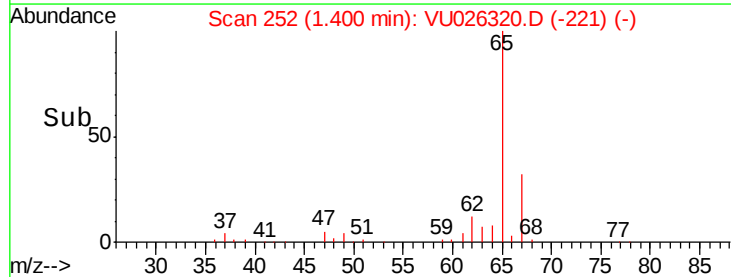
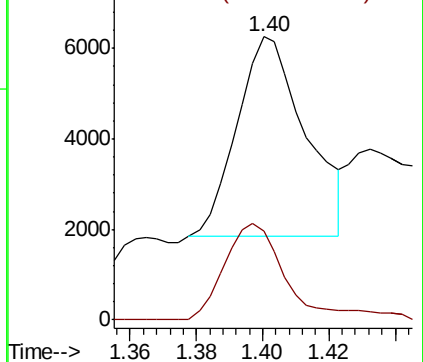
Ion Ratio Lower Upper

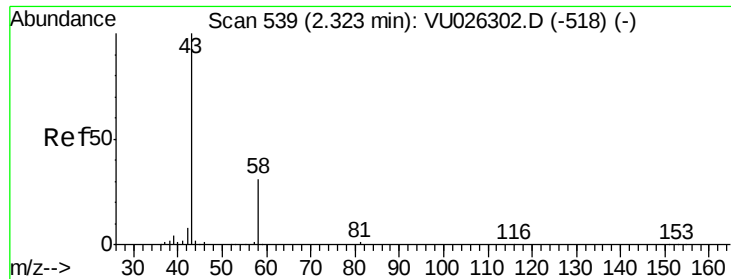
64 100

66 31.2 21.9 40.7



Abundance Ion 64.00 (63.70 to 64.70): VU0
Ion 66.00 (65.70 to 66.70): VU0





#13

Acetone

Concen: 4.207 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU026320.D

Acq: 23 Aug 2018 23:42

Instrument :

MSVOA_U

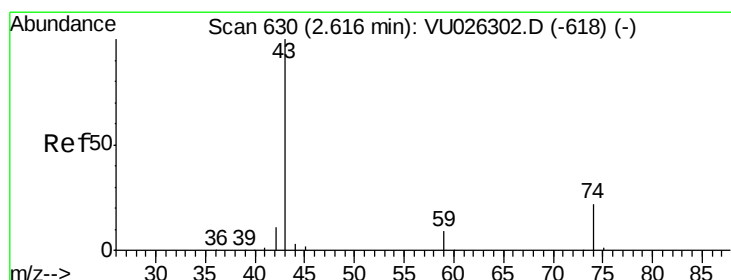
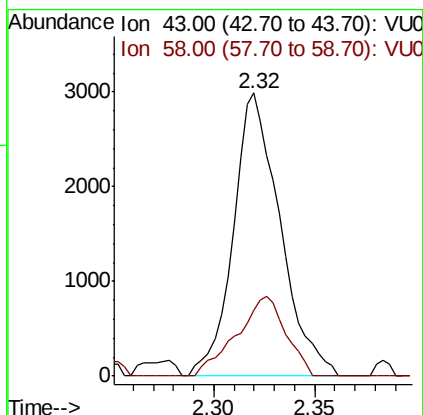
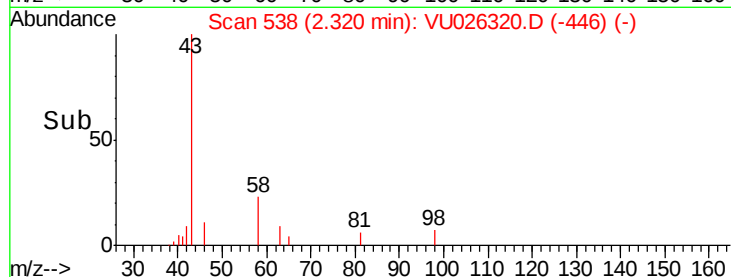
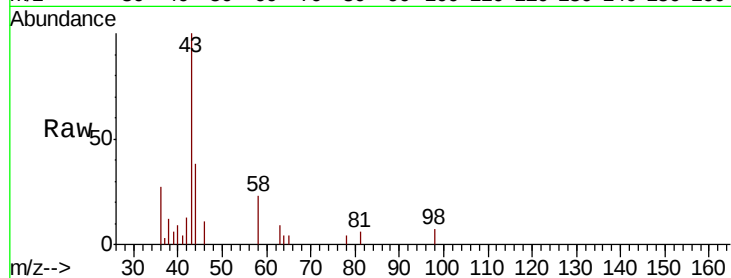
ClientSampleId :

Tot Ion: 43 Resp: 4853

Ion Ratio Lower Upper

43 100

58 29.6 0.0 61.2



#15

Methyl Acetate

Concen: 5.388 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU026320.D

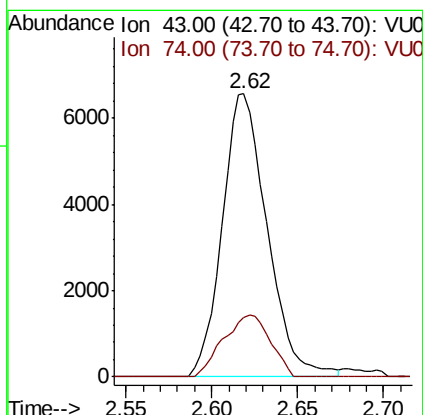
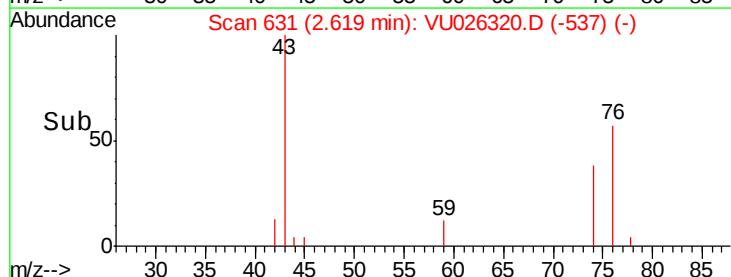
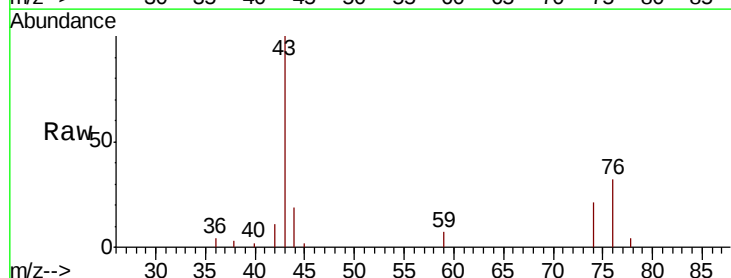
Acq: 23 Aug 2018 23:42

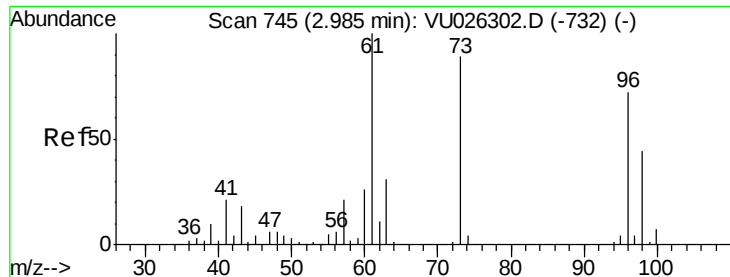
Tgt Ion: 43 Resp: 11961

Ion Ratio Lower Upper

43 100

74 22.8 18.6 27.8

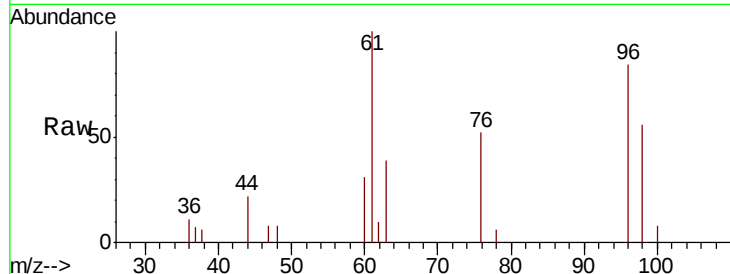




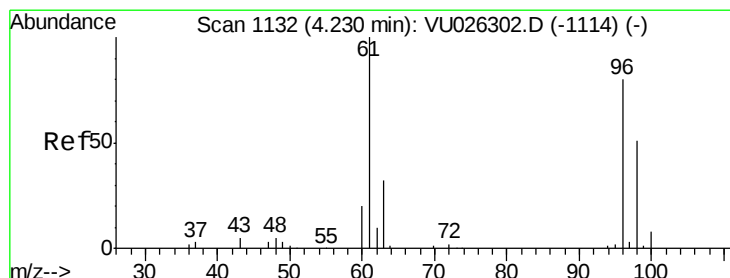
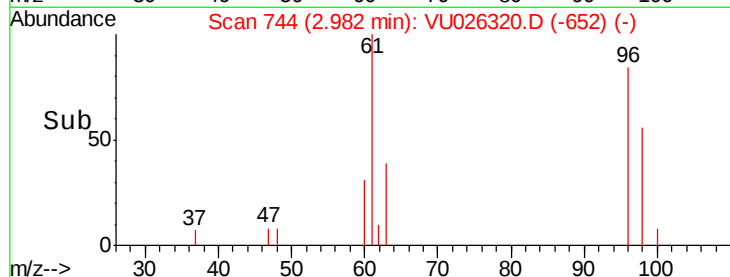
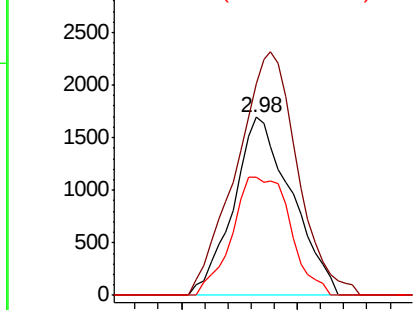
#17
trans-1,2-Dichloroethene
Concen: 1.491 ug/L
RT: 2.98 min Scan# 744
Delta R.T. -0.00 min
Lab File: VU026320.D
Acq: 23 Aug 2018 23:42

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 2961
Ion Ratio Lower Upper
96 100
61 118.8 97.9 181.9
98 66.4 45.1 83.7

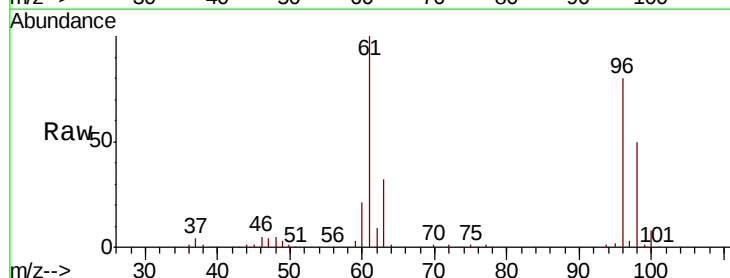


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

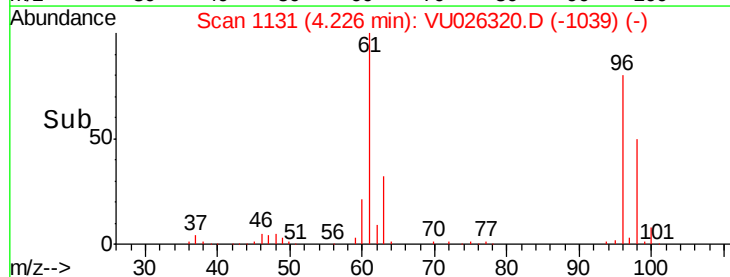
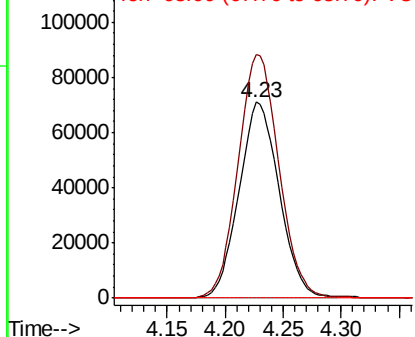


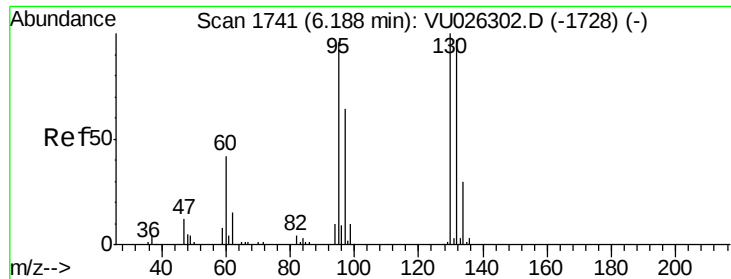
#20
cis-1,2-Dichloroethene
Concen: 78.329 ug/L
RT: 4.23 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VU026320.D
Acq: 23 Aug 2018 23:42

Tgt Ion: 96 Resp: 171727
Ion Ratio Lower Upper
96 100
61 124.3 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

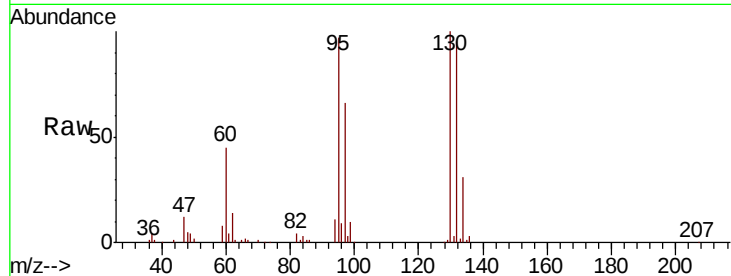




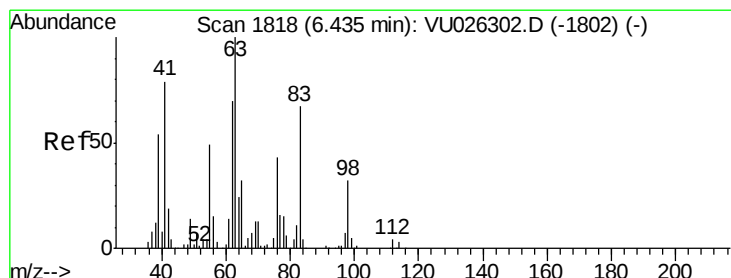
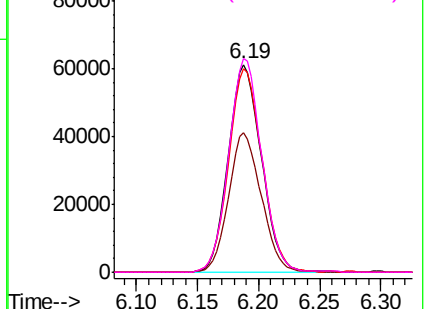
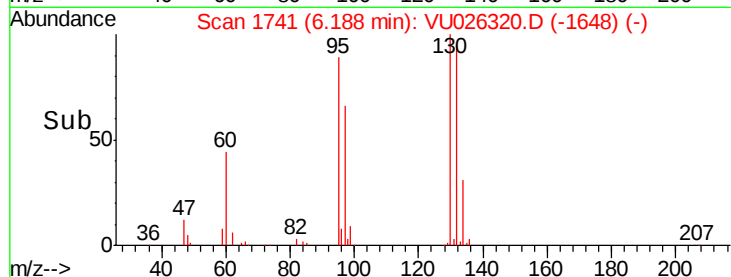
#34
 Trichloroethene
 Concen: 54.242 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU026320.D
 Acq: 23 Aug 2018 23:42

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	95	Resp:	116195
Ion	Ratio	Lower	Upper
95	100		
97	67.6	47.2	87.6
132	98.1	70.2	130.4
130	103.0	73.4	136.4

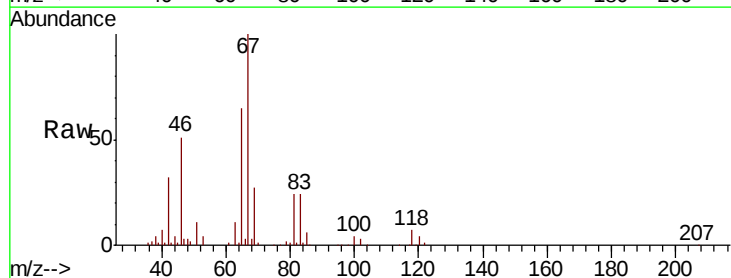


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V



#37
 1,2-Dichloropropane
 Concen: 5.924 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026320.D
 Acq: 23 Aug 2018 23:42

Tgt Ion:	63	Resp:	13116
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



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

