

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026321.D
 Acq On : 24 Aug 2018 00:05
 Operator : MD/SY
 Sample : J4622-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 02:09:19 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	300737	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	294326	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	139959	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80888	44.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.20%
7) Chloroethane-d5	1.68	69	67780	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.27	63	124904	34.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.28%
21) 2-Butanone-d5	4.18	46	153324	104.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.73%
24) Chloroform-d	4.65	84	189220	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	5.31	65	127082	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
32) Benzene-d6	5.35	84	370396	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.08%
36) 1,2-Dichloropropane-d6	6.33	67	121791	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.34%
41) Toluene-d8	7.57	98	334305	44.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.84%
43) trans-1,3-Dichloropropene-	7.85	79	56317	43.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.22%
47) 2-Hexanone-d5	8.31	63	110979	102.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	173078	46.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	146180	49.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.44%

Target Compounds

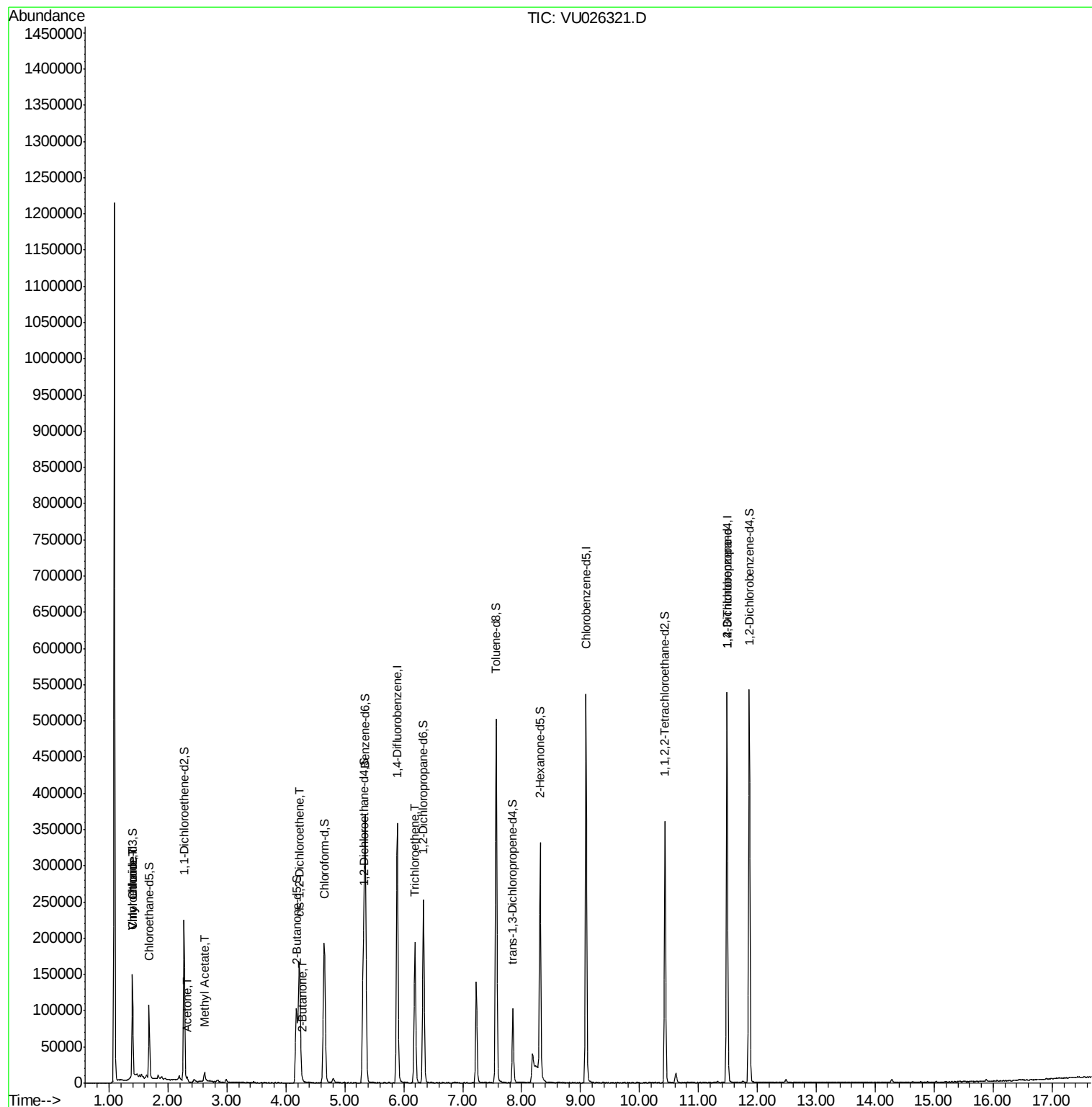
					Ovalue
5) Vinyl chloride	1.40	62	4940	2.252 ug/L #	1
8) Chloroethane	1.40	64	15253	12.126 ug/L	97
13) Acetone	2.32	43	5051	4.458 ug/L	97
15) Methyl Acetate	2.62	43	14502	6.651 ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	92015	42.727 ug/L	97
22) 2-Butanone	4.28	43	3491	2.303 ug/L #	55
34) Trichloroethene	6.19	95	68330	32.204 ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	14991	5.483 ug/L #	84

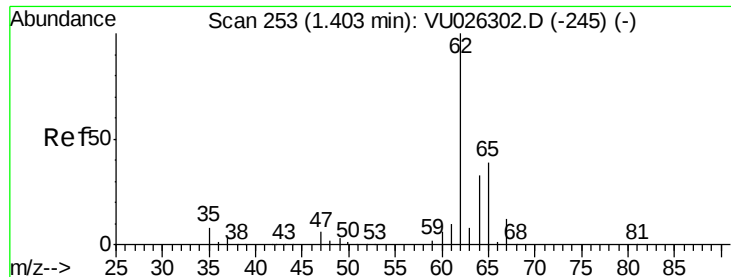
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 2.252 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU026321.D

Acq: 24 Aug 2018 00:05

Instrument :

MSVOA_U

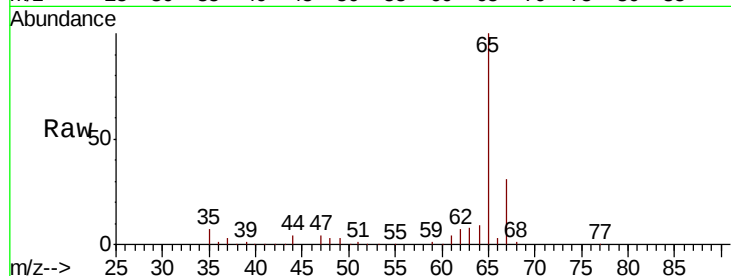
ClientSampleId :

Tot Ion: 62 Resp: 4940

Ion Ratio Lower Upper

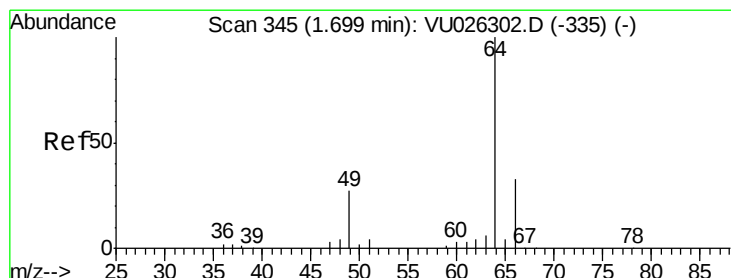
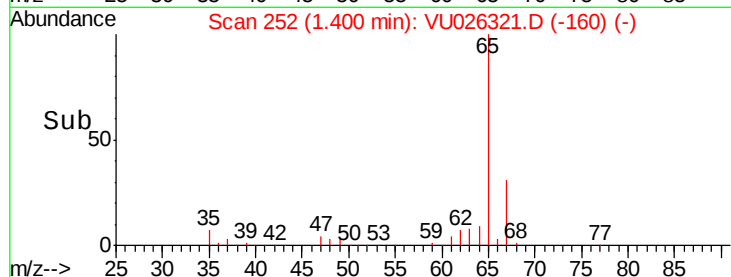
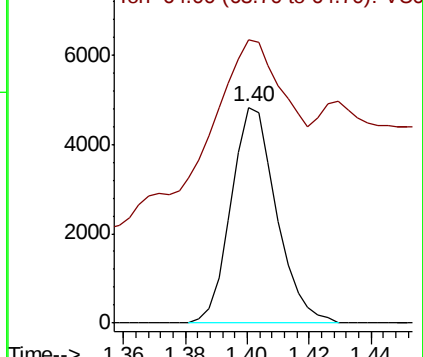
62 100

64 131.0 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: 12.126 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.30 min

Lab File: VU026321.D

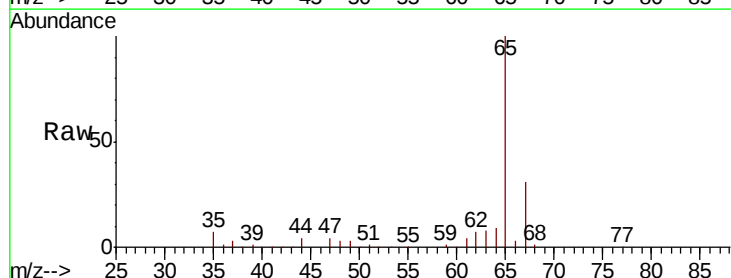
Acq: 24 Aug 2018 00:05

Tgt Ion: 64 Resp: 15253

Ion Ratio Lower Upper

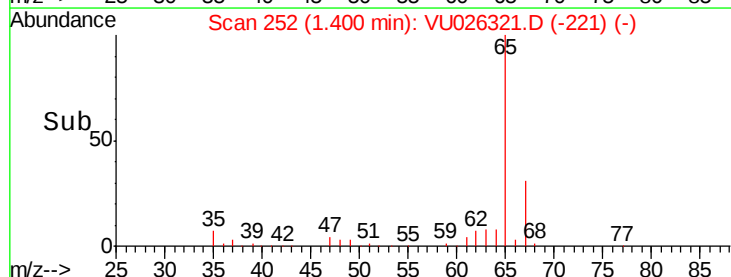
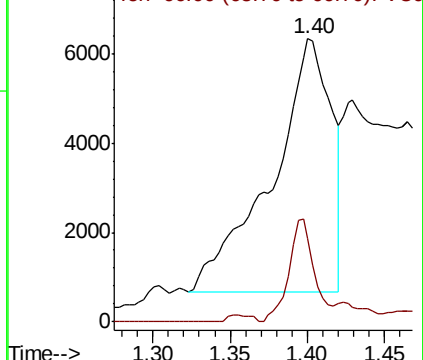
64 100

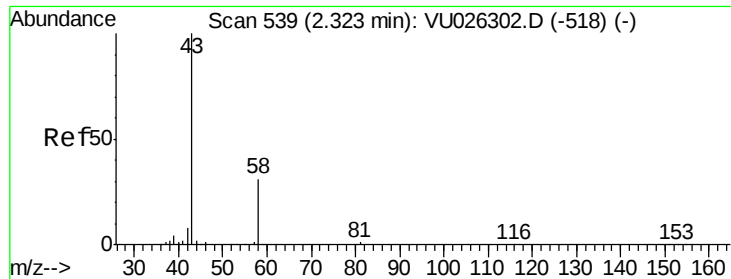
66 29.4 21.9 40.7



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#13

Acetone

Concen: 4.458 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026321.D

Acq: 24 Aug 2018 00:05

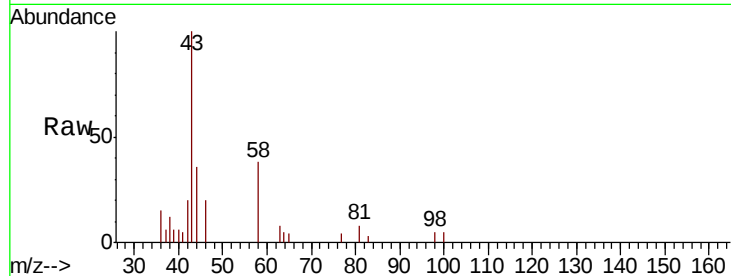
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 5051

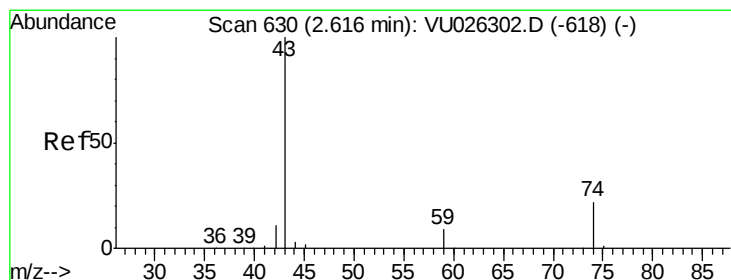
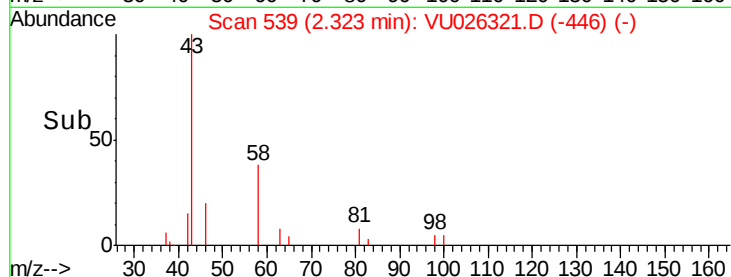
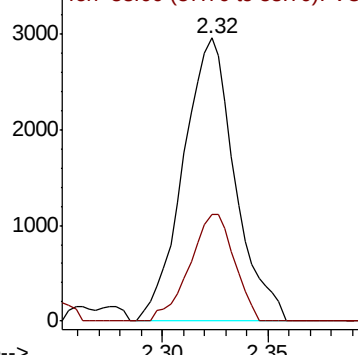
Ion Ratio Lower Upper

43 100

58 32.5 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0



#15

Methyl Acetate

Concen: 6.651 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU026321.D

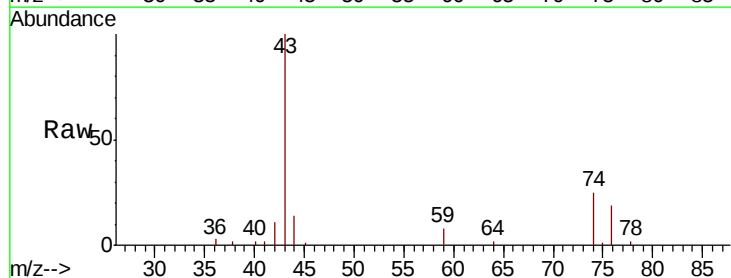
Acq: 24 Aug 2018 00:05

Tgt Ion: 43 Resp: 14502

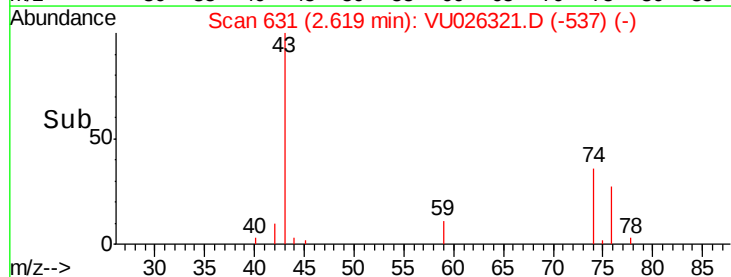
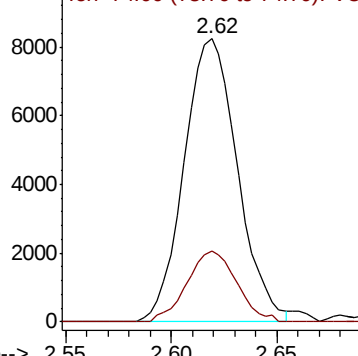
Ion Ratio Lower Upper

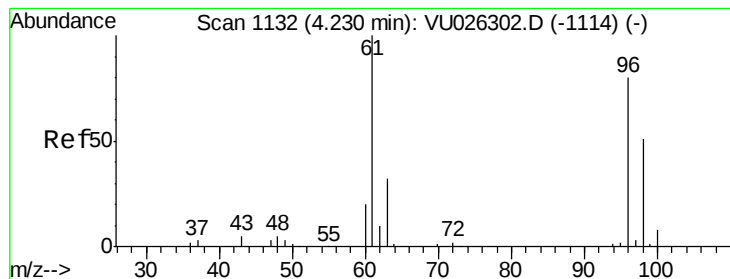
43 100

74 22.9 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 74.00 (73.70 to 74.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 42.727 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026321.D

Acq: 24 Aug 2018 00:05

Instrument :

MSVOA_U

ClientSampleId :

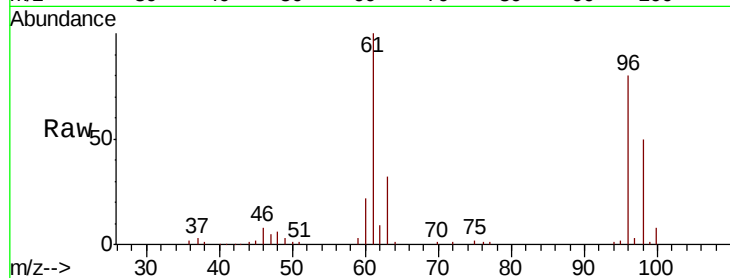
Tot Ion: 96 Resp: 92015

Ion Ratio Lower Upper

96 100

61 125.2 90.3 167.7

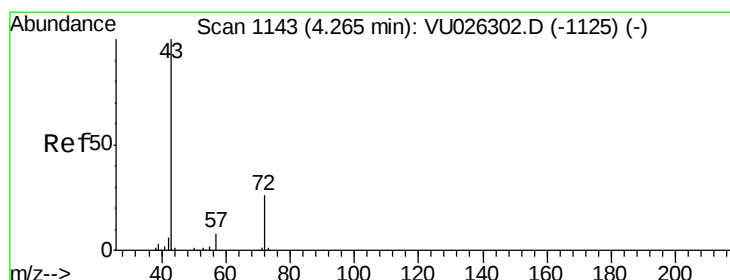
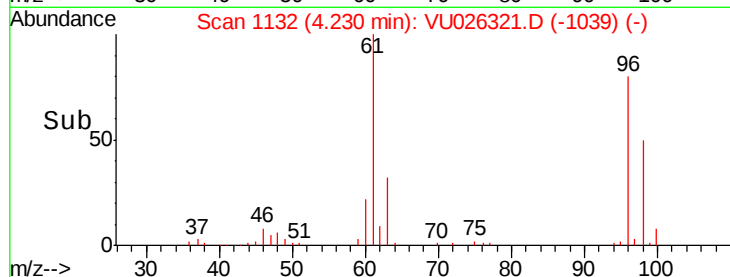
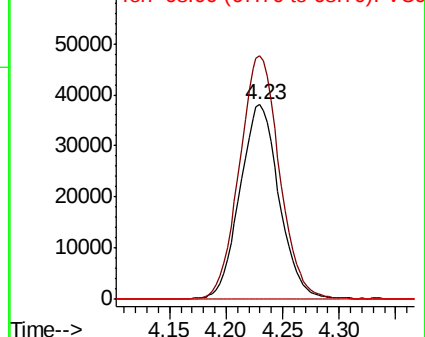
68 0.0 0.0 0.0



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



#22

2-Butanone

Concen: 2.303 ug/L

RT: 4.28 min Scan# 1149

Delta R.T. 0.02 min

Lab File: VU026321.D

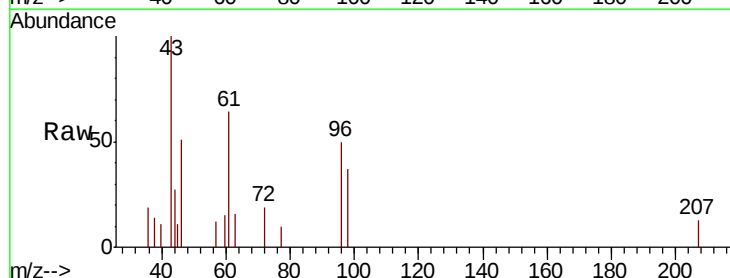
Acq: 24 Aug 2018 00:05

Tgt Ion: 43 Resp: 3491

Ion Ratio Lower Upper

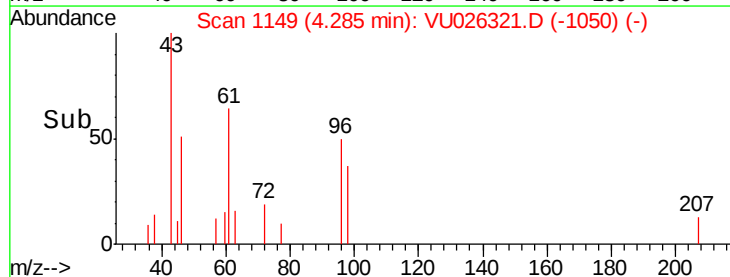
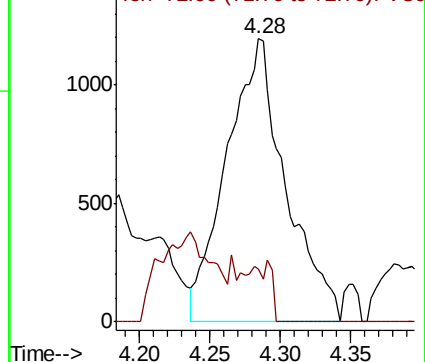
43 100

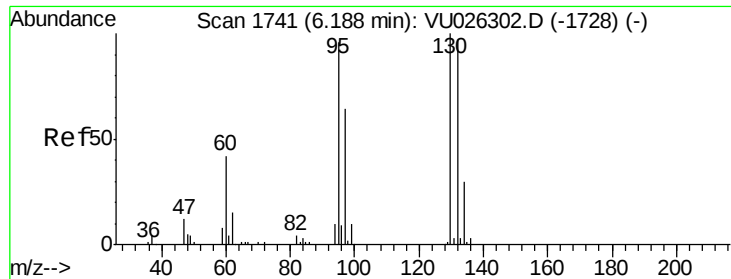
72 4.7 14.1 42.3#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

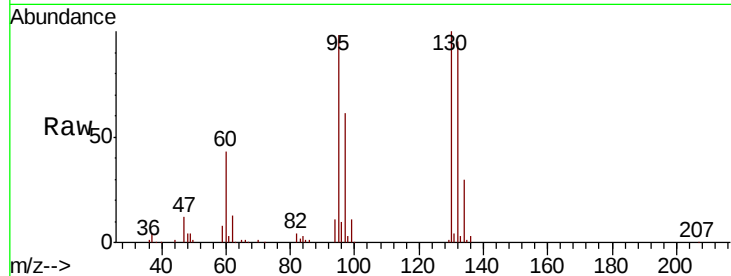




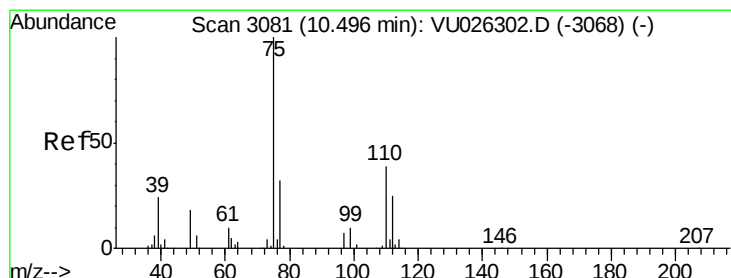
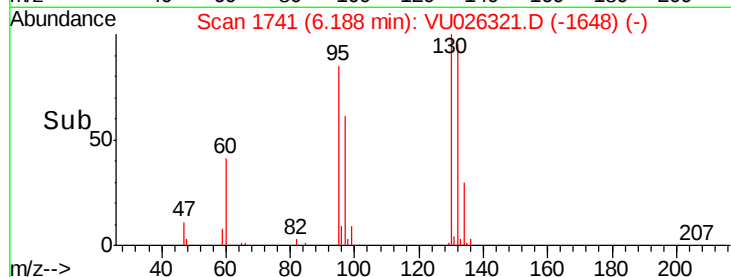
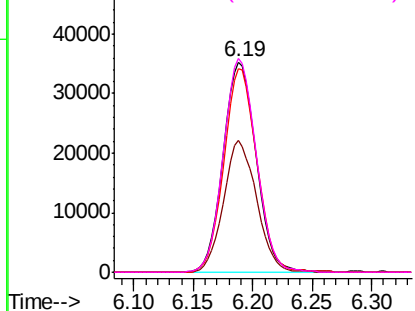
#34
 Trichloroethene
 Concen: 32.204 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU026321.D
 Acq: 24 Aug 2018 00:05

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 95 Resp: 68330
 Ion Ratio Lower Upper
 95 100
 97 62.4 47.2 87.6
 132 96.8 70.2 130.4
 130 101.6 73.4 136.4

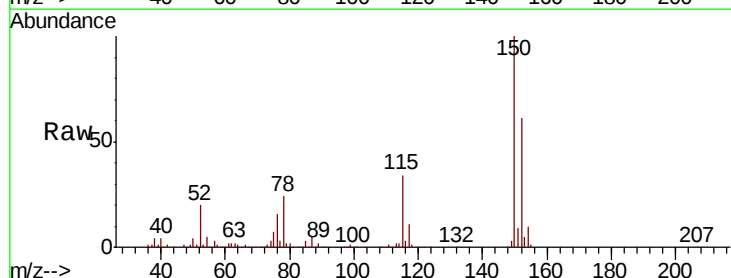


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V



#59
 1,2,3-Trichloropropane
 Concen: 5.483 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026321.D
 Acq: 24 Aug 2018 00:05

Tgt Ion: 75 Resp: 14991
 Ion Ratio Lower Upper
 75 100
 77 40.7 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

