

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\
 Data File : VU032715.D
 Acq On : 13 Jun 2019 23:50
 Operator : JC/SP
 Sample : K3364-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM36

Quant Time: Jun 14 09:02:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 14 07:38:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	93736	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	86956	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	41120	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27176	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.67	69	23598	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.27	63	45305	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.18	46	91205	53.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.24%
24) Chloroform-d	4.64	84	57179	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.31	65	31839	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.33	84	110107	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.32	67	35522	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.56	98	93400	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.85	79	11369	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.31	63	45460	31.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	27026	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	37816	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

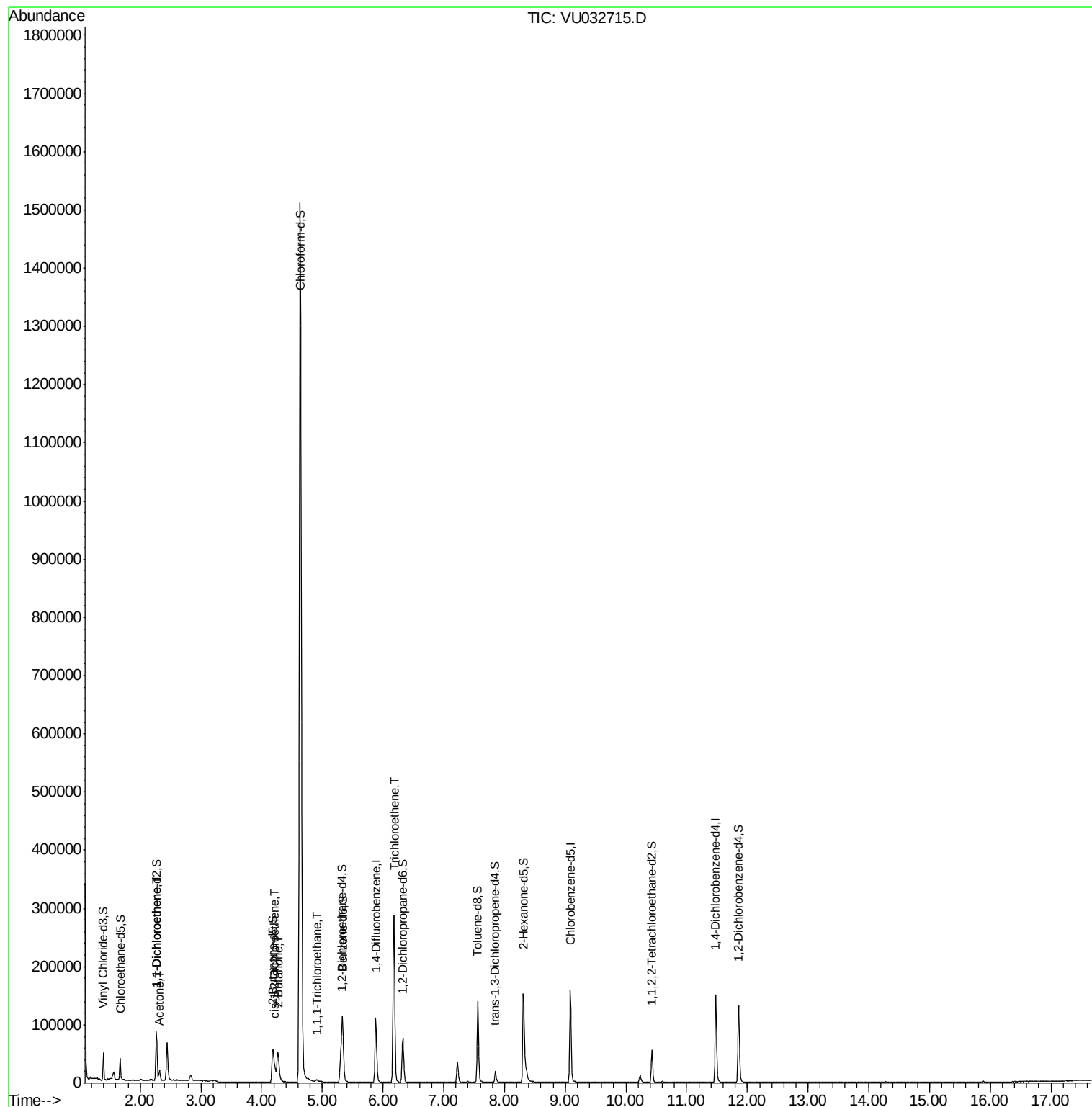
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	5228	0.878	ug/L	# 1
13) Acetone	2.32	43	17684	13.396	ug/L	96
21) 2-Butanone	4.27	43	77344	40.284	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	6388	0.878	ug/L	96
29) 1,1,1-Trichloroethane	4.91	97	2426	0.229	ug/L	94
34) Trichloroethene	6.18	95	95028	12.886	ug/L	99

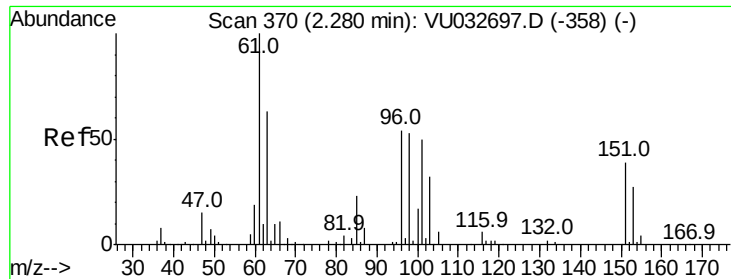
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\
Data File : VU032715.D
Acq On : 13 Jun 2019 23:50
Operator : JC/SP
Sample : K3364-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM36

Quant Time: Jun 14 09:02:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 07:38:22 2019
Response via : Initial Calibration

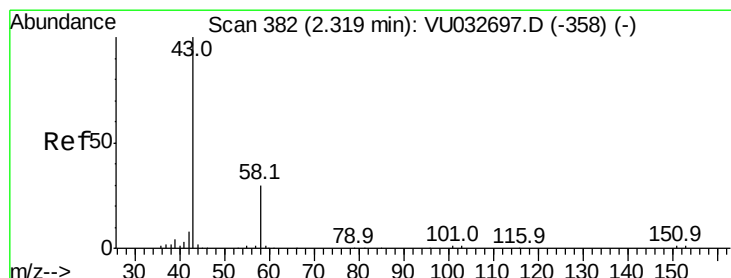
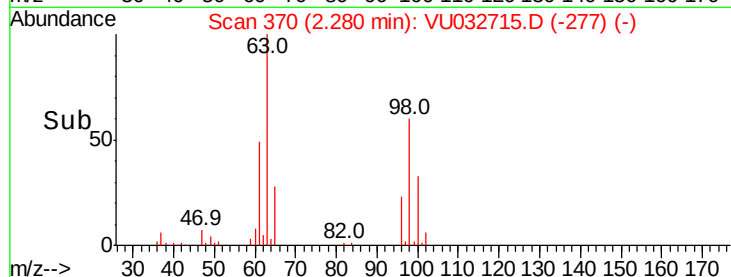
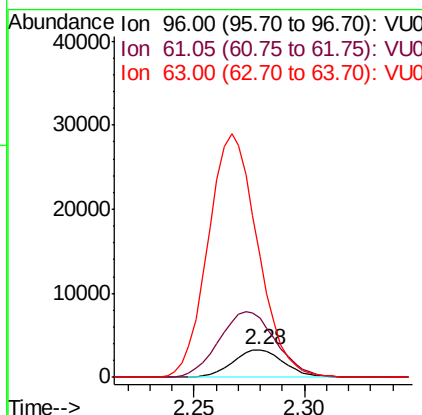
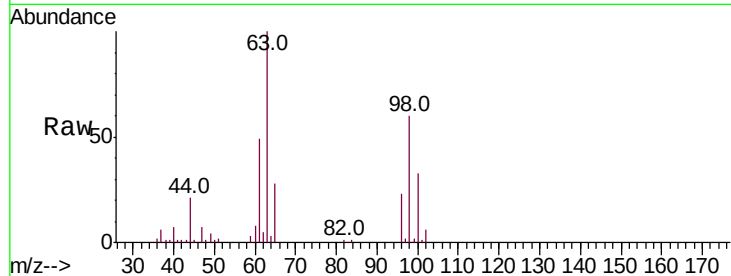




#12
 1,1-Dichloroethene
 Concen: 0.878 ug/L
 RT: 2.28 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: VU032715.D
 Acq: 13 Jun 2019 23:50

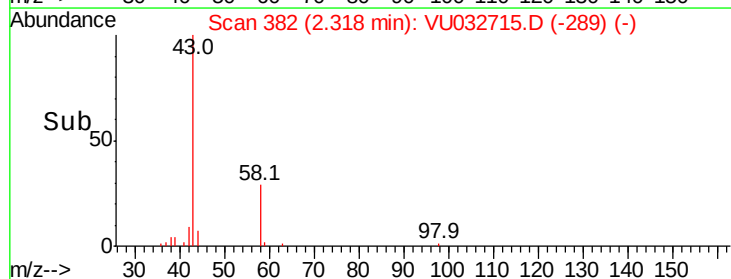
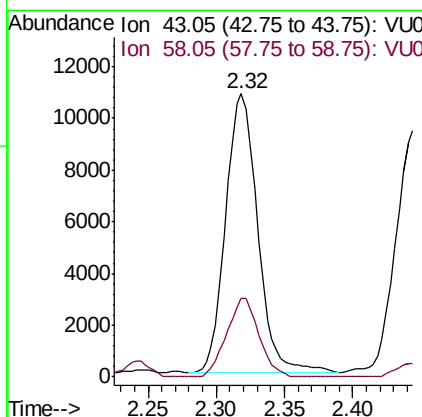
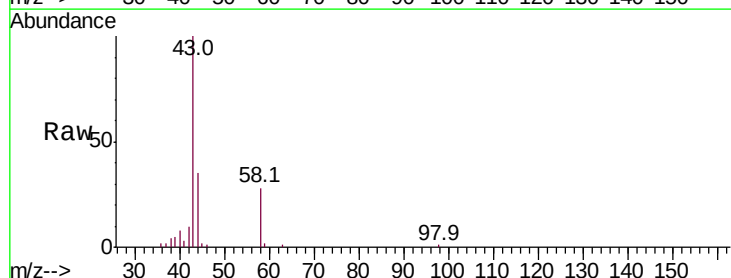
Instrument :
 MSVOA_U
 ClientSampleId :
 COM36

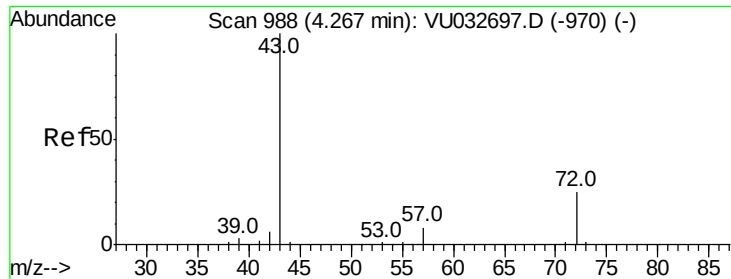
Tot Ion	96	Resp	5228
Ion Ratio	Lower	Upper	
96	100		
61	213.1	131.8	244.8
63	433.0	90.1	167.3#



#13
 Acetone
 Concen: 13.396 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VU032715.D
 Acq: 13 Jun 2019 23:50

Tgt Ion	43	Resp	17684
Ion Ratio	Lower	Upper	
43	100		
58	28.0	0.0	60.8





#21

2-Butanone

Concen: 40.284 ug/L

RT: 4.27 min Scan# 989

Delta R.T. 0.00 min

Lab File: VU032715.D

Acq: 13 Jun 2019 23:50

Instrument :

MSVOA_U

ClientSampleId :

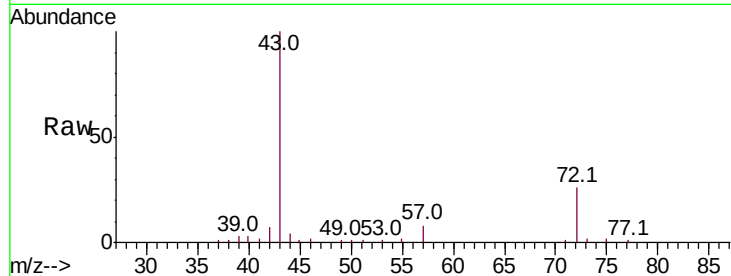
COM36

Tot Ion: 43 Resp: 77344

Ion Ratio Lower Upper

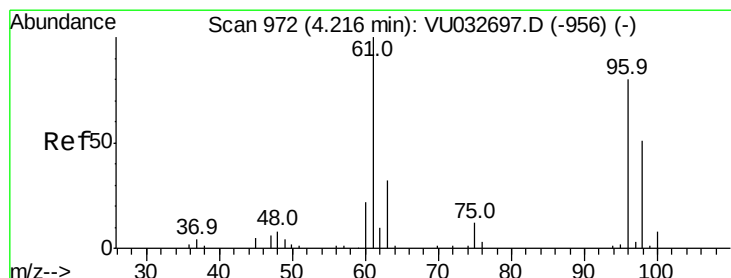
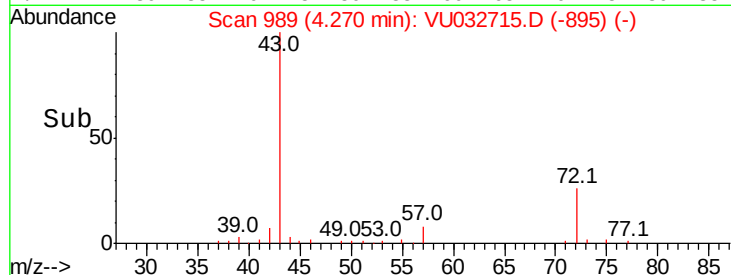
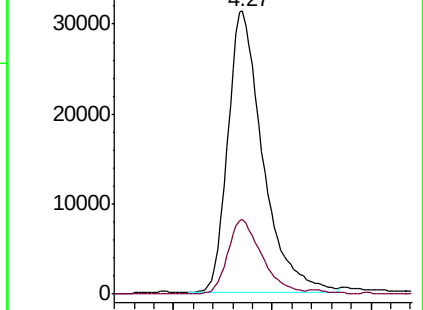
43 100

72 25.9 13.1 39.3



Abundance Ion 43.05 (42.75 to 43.75): VU032715.D (-895) (-)

Ion 72.10 (71.80 to 72.80): VU032715.D (-895) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.878 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.01 min

Lab File: VU032715.D

Acq: 13 Jun 2019 23:50

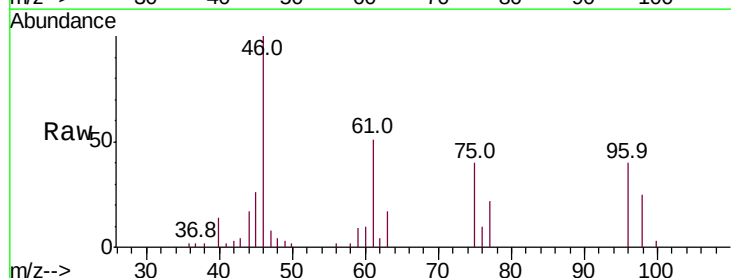
Tgt Ion: 96 Resp: 6388

Ion Ratio Lower Upper

96 100

61 127.7 86.6 160.8

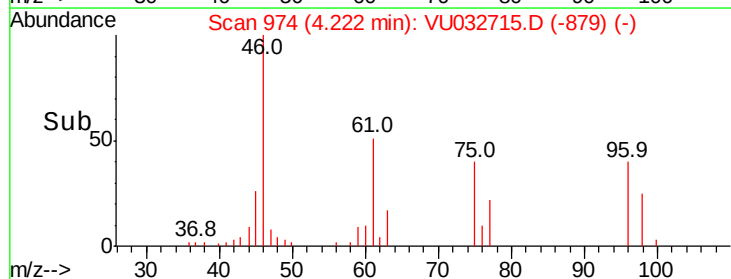
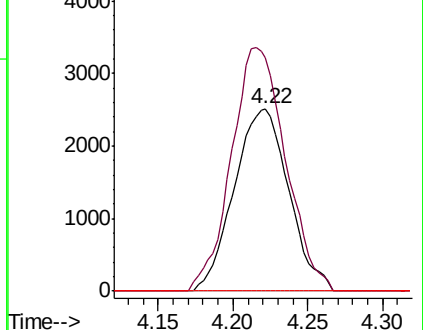
68 0.0 0.0 0.0

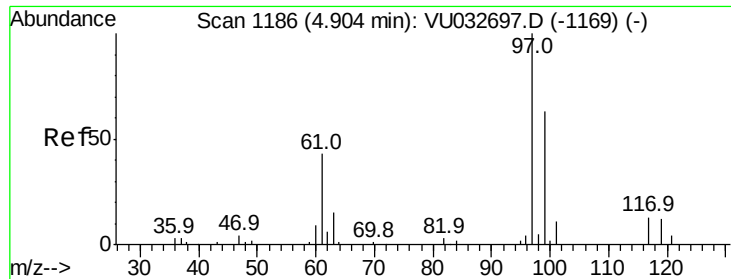


Abundance Ion 96.00 (95.70 to 96.70): VU032715.D (-879) (-)

Ion 61.05 (60.75 to 61.75): VU032715.D (-879) (-)

Ion 68.15 (67.85 to 68.85): VU032715.D (-879) (-)

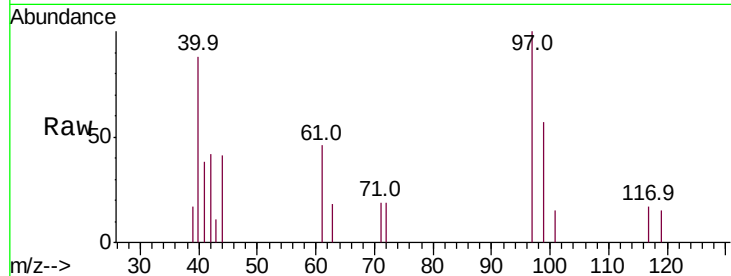




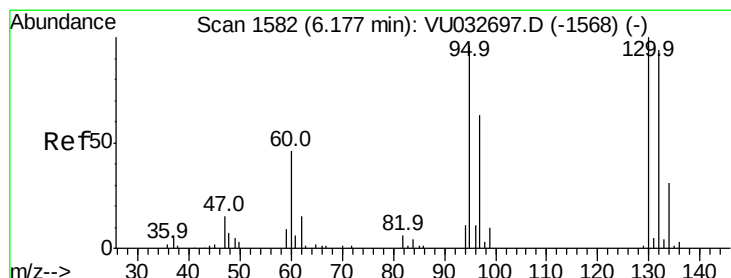
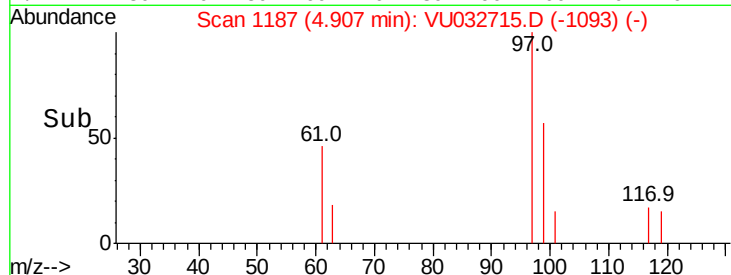
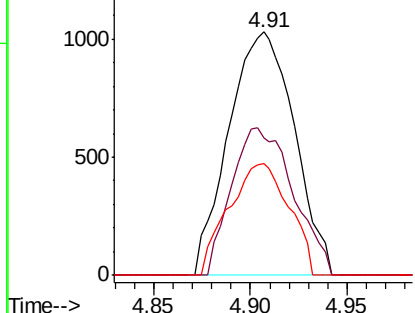
#29
1,1,1-Trichloroethane
Concen: 0.229 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU032715.D
Acq: 13 Jun 2019 23:50

Instrument :
MSVOA_U
ClientSampled :
COM36

Tot Ion: 97 Resp: 2426
Ion Ratio Lower Upper
97 100
99 57.2 51.8 77.6
61 42.2 34.7 52.1

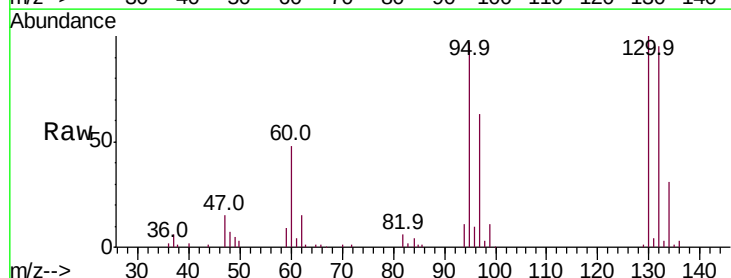


Abundance Ion 96.95 (96.65 to 97.65): VU0
Ion 99.05 (98.75 to 99.75): VU0
Ion 61.05 (60.75 to 61.75): VU0



#34
Trichloroethene
Concen: 12.886 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032715.D
Acq: 13 Jun 2019 23:50

Tgt Ion: 95 Resp: 95028
Ion Ratio Lower Upper
95 100
97 65.0 44.1 81.9
132 97.3 68.8 127.8
130 102.6 71.0 131.8



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

