

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\
 Data File : VU032707.D
 Acq On : 13 Jun 2019 20:31
 Operator : JC/SP
 Sample : K3364-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM29

Quant Time: Jun 17 15:58:30 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	94306	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	90441	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42761	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	27990	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.68	69	24246	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.27	63	78672	6.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	126.40%#
20) 2-Butanone-d5	4.19	46	92731	54.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.38%
24) Chloroform-d	4.64	84	58126	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.31	65	33230	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.80%
32) Benzene-d6	5.33	84	111979	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.32	67	37377	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.56	98	97673	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.85	79	12445	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.31	63	59738	40.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	27973	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	38843	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

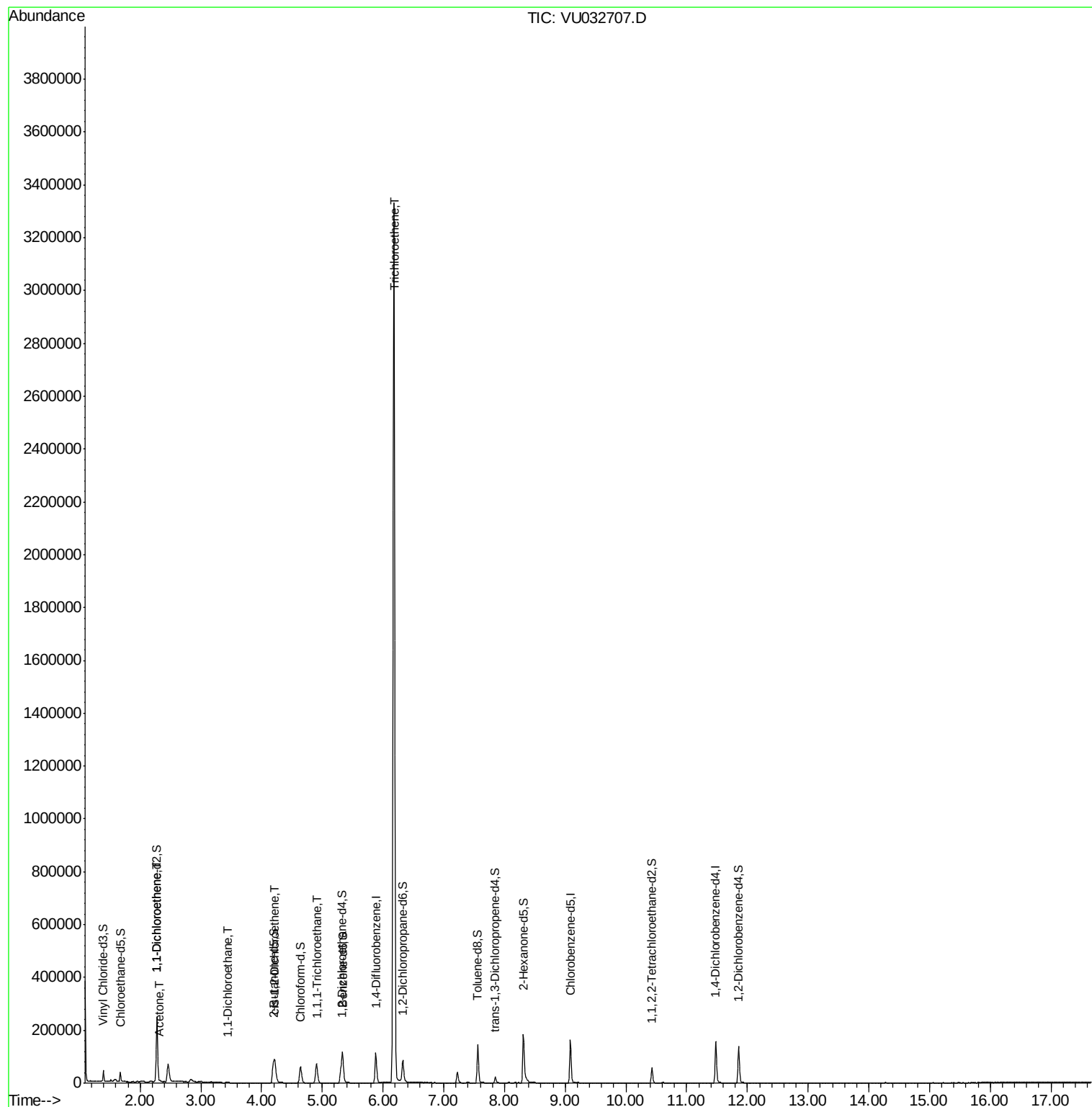
					Ovalue
12) 1,1-Dichloroethene	2.28	96	59266	9.891 ug/L	87
13) Acetone	2.32	43	3834	2.887 ug/L	86
19) 1,1-Dichloroethane	3.43	63	4043	0.349 ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	34782	4.754 ug/L	92
29) 1,1,1-Trichloroethane	4.90	97	55223	5.011 ug/L	97
34) Trichloroethene	6.18	95	1085455	141.519 ug/L	99

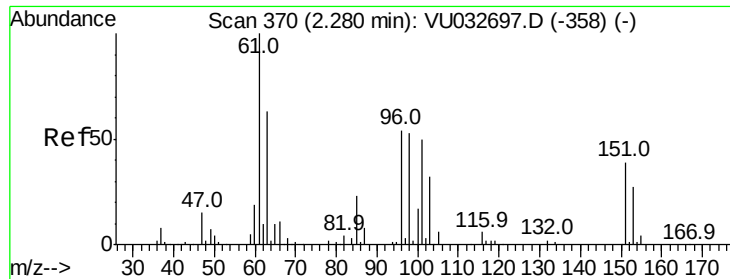
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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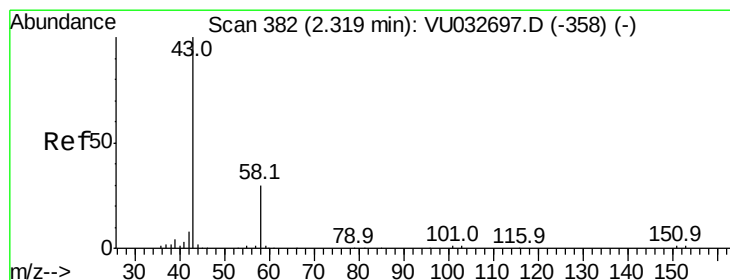
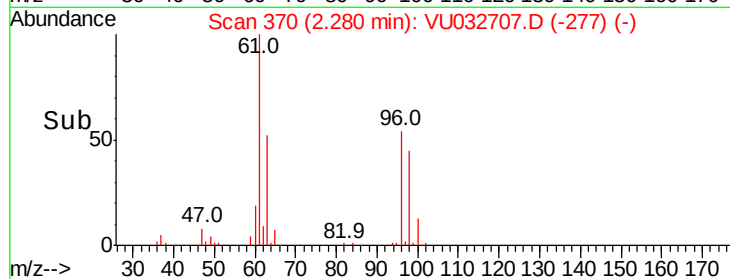
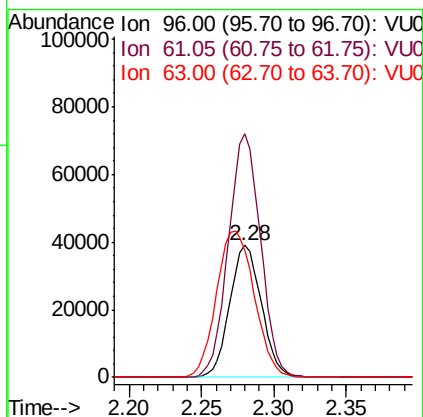
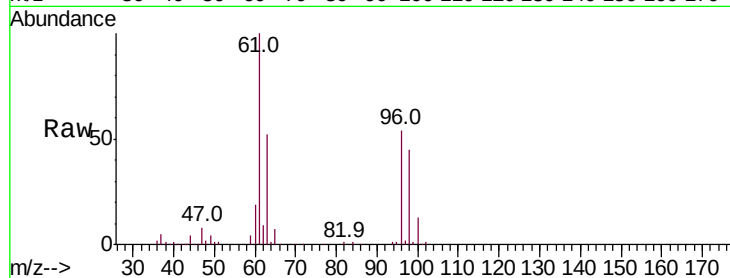




#12
 1,1-Dichloroethene
 Concen: 9.891 ug/L
 RT: 2.28 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: VU032707.D
 Acq: 13 Jun 2019 20:31

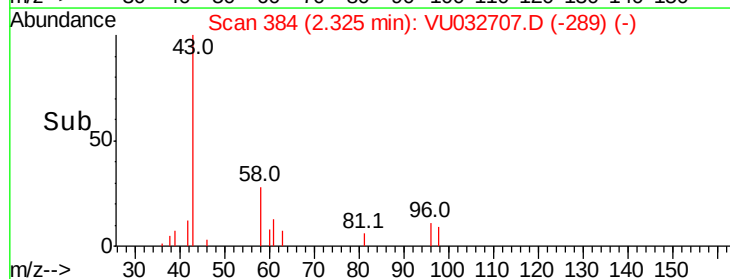
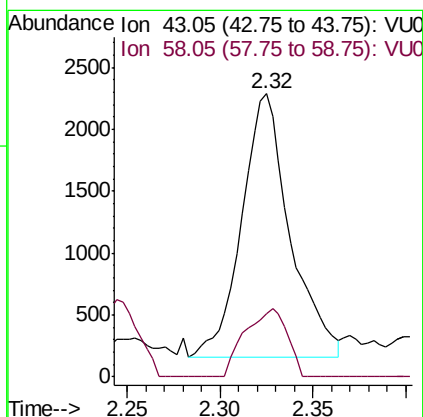
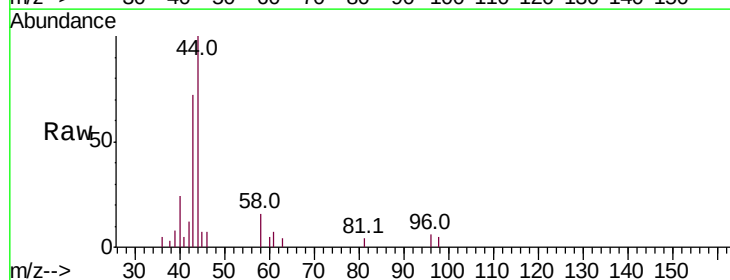
Instrument :
 MSVOA_U
 ClientSampleId :
 COM29

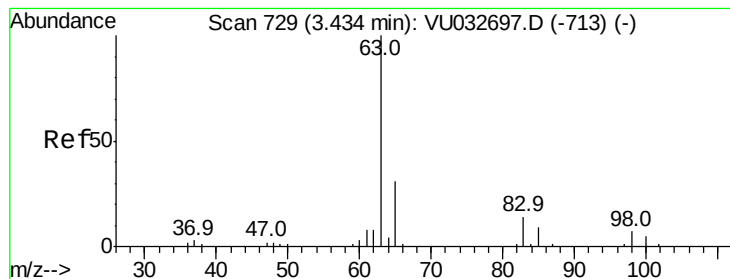
Tot Ion	Ratio	Lower	Upper
96	100		
61	184.9	131.8	244.8
63	96.8	90.1	167.3



#13
 Acetone
 Concen: 2.887 ug/L
 RT: 2.32 min Scan# 384
 Delta R.T. 0.01 min
 Lab File: VU032707.D
 Acq: 13 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	22.7	0.0	60.8





#19

1,1-Dichloroethane

Concen: 0.349 ug/L

RT: 3.43 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU032707.D

Acq: 13 Jun 2019 20:31

Instrument :

MSVOA_U

ClientSampled :

COM29

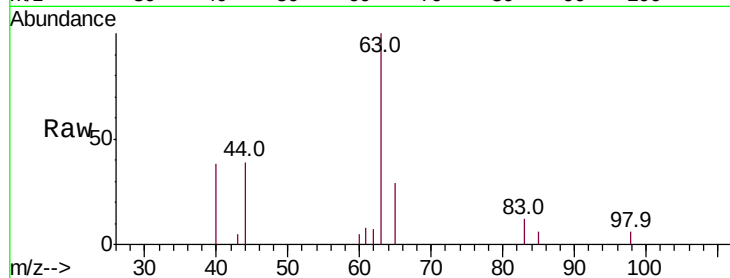
Tot Ion: 63 Resp: 4043

Ion Ratio Lower Upper

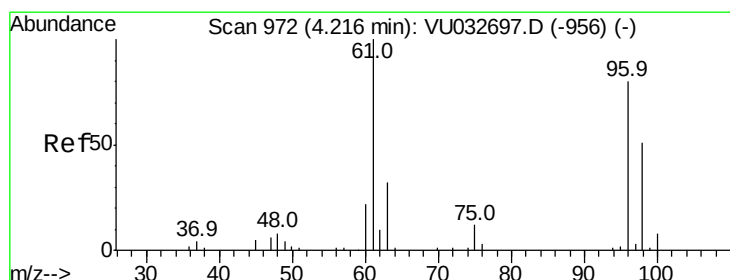
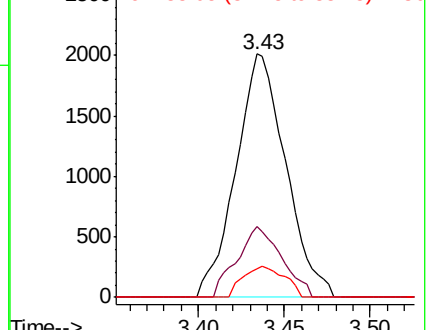
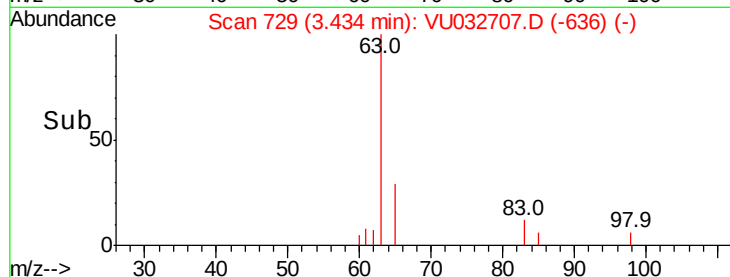
63 100

65 29.2 21.3 39.6

83 11.9 10.1 18.7



Abundance Ion 63.10 (62.80 to 63.80): VU032707.D (-636) (-)



#22

cis-1,2-Dichloroethene

Concen: 4.754 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

Lab File: VU032707.D

Acq: 13 Jun 2019 20:31

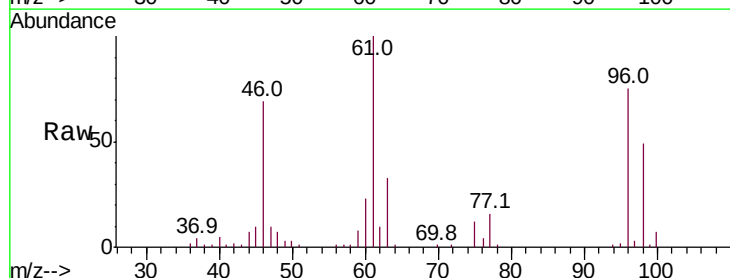
Tgt Ion: 96 Resp: 34782

Ion Ratio Lower Upper

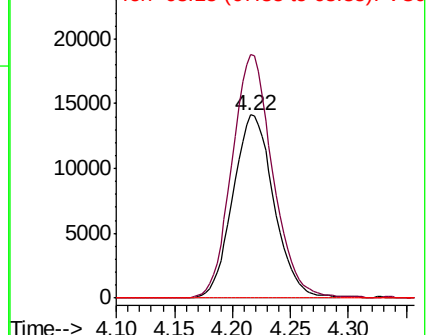
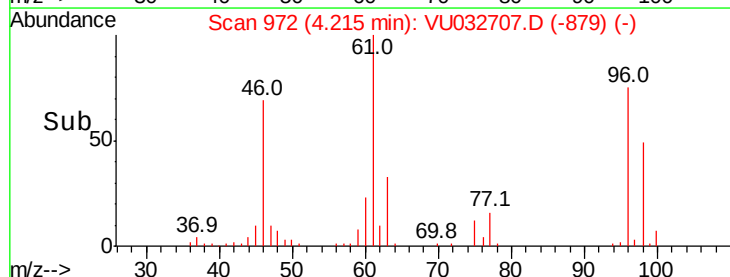
96 100

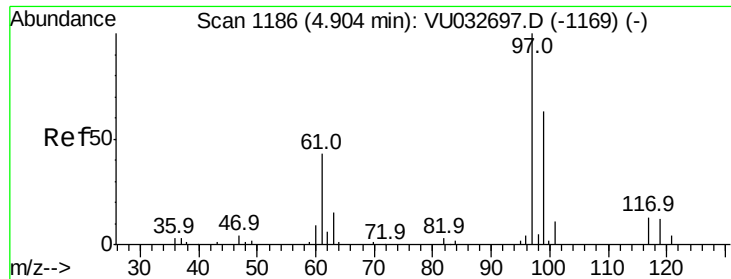
61 132.9 86.6 160.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032707.D (-879) (-)

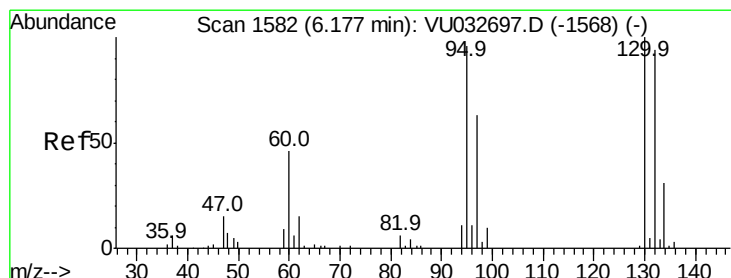
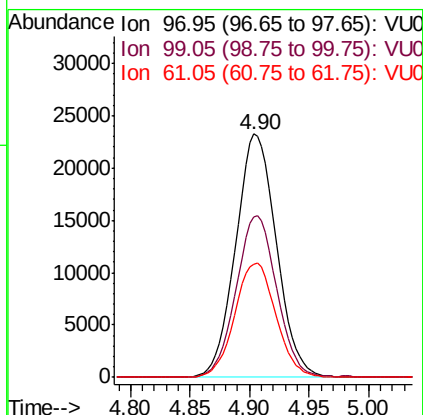
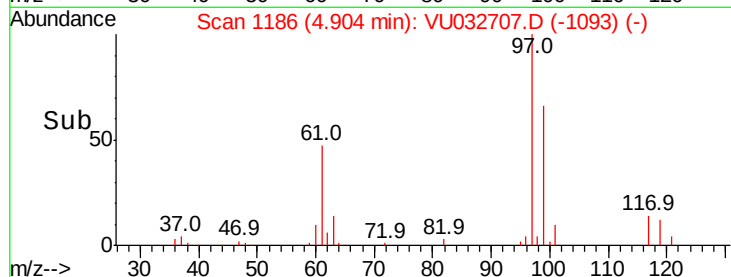
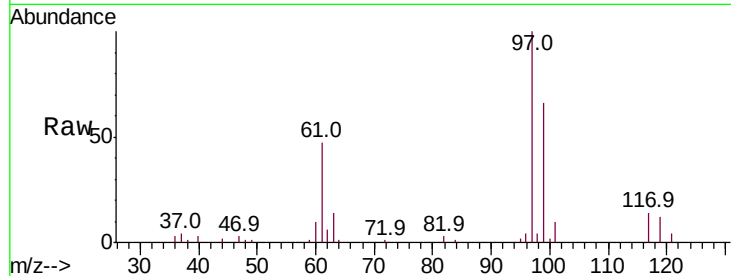




#29
1,1,1-Trichloroethane
Concen: 5.011 ug/L
RT: 4.90 min Scan# 1186
Delta R.T. -0.00 min
Lab File: VU032707.D
Acq: 13 Jun 2019 20:31

Instrument :
MSVOA_U
ClientSampleId :
COM29

Tot Ion: 97 Resp: 55223
Ion Ratio Lower Upper
97 100
99 66.1 51.8 77.6
61 47.2 34.7 52.1



#34
Trichloroethene
Concen: 141.519 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032707.D
Acq: 13 Jun 2019 20:31

Tgt Ion: 95 Resp: 1085455
Ion Ratio Lower Upper
95 100
97 64.5 44.1 81.9
132 96.8 68.8 127.8
130 101.6 71.0 131.8

