

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030997.D
 Acq On : 10 Apr 2019 08:21
 Operator : JC/SP
 Sample : K2248-21DL 200X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD4DL

Quant Time: Apr 10 09:07:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 08:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	206040	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	208886	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82662	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	57496	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.68	69	55912	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.27	63	102298	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.18	46	257503	63.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.94%
24) Chloroform-d	4.64	84	115181	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.31	65	79900	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
32) Benzene-d6	5.33	84	234737	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.32	67	90139	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.56	98	175376	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	7.85	79	26721	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.31	63	152254	51.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	78229	5.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	69387	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

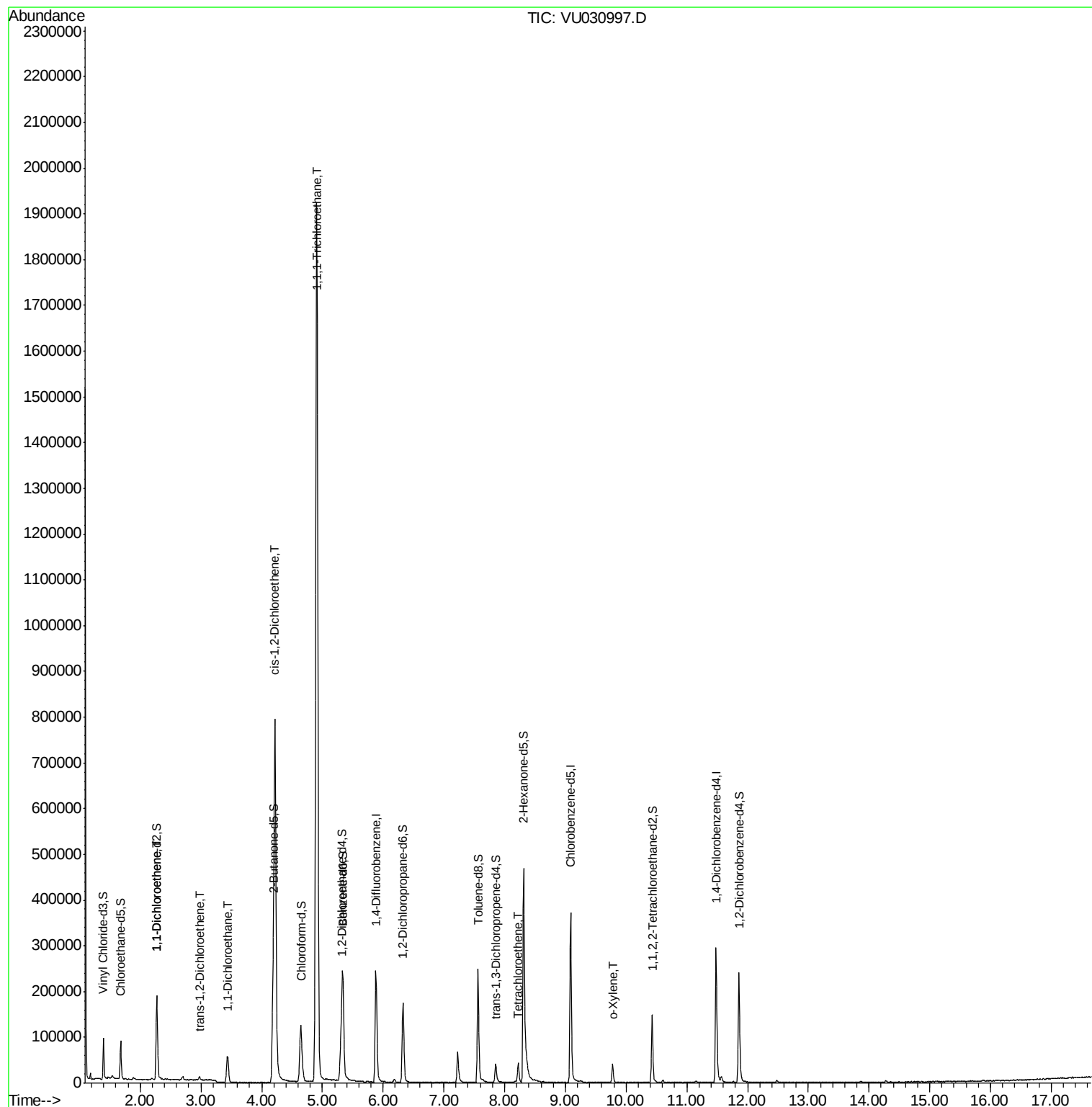
					Ovalue
12) 1,1-Dichloroethene	2.28	96	15874	1.056 ug/L #	21
18) trans-1,2-Dichloroethene	2.98	96	3357	0.212 ug/L #	71
19) 1,1-Dichloroethane	3.44	63	65009	1.936 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	420122	24.822 ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	1519087	57.086 ug/L	98
47) Tetrachloroethene	8.23	164	10200	0.822 ug/L	84
54) o-Xylene	9.78	106	10559	0.408 ug/L	84

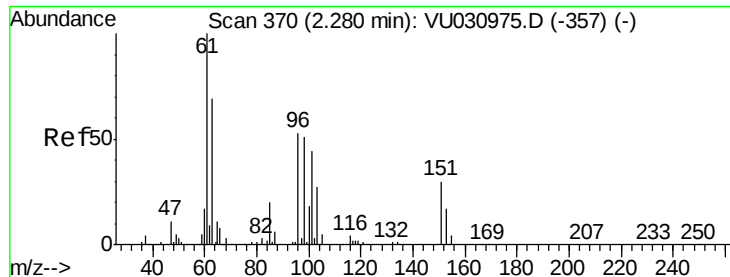
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
Data File : VU030997.D
Acq On : 10 Apr 2019 08:21
Operator : JC/SP
Sample : K2248-21DL 200X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YD4DL

Quant Time: Apr 10 09:07:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 08:56:46 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.056 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU030997.D

Acq: 10 Apr 2019 08:21

Instrument :

MSVOA_U

ClientSampleId :

E3YD4DL

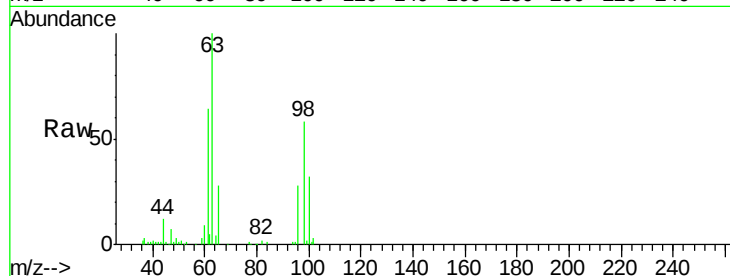
Tot Ion: 96 Resp: 15874

Ion Ratio Lower Upper

96 100

61 225.4 136.9 254.3

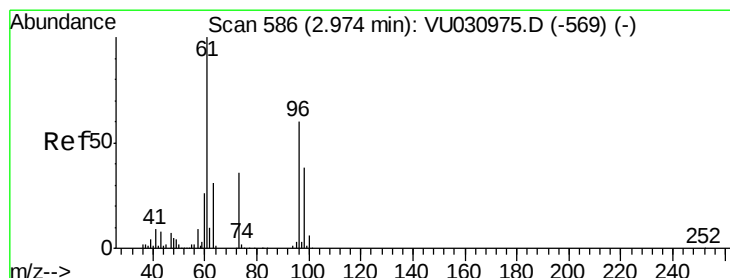
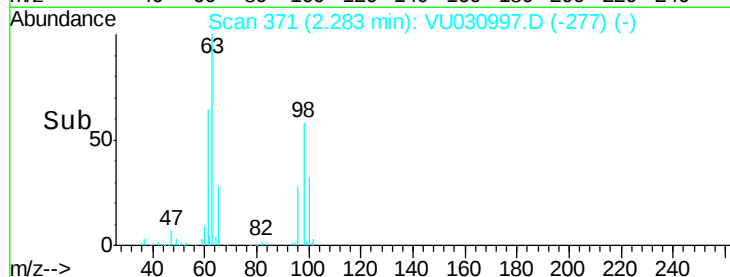
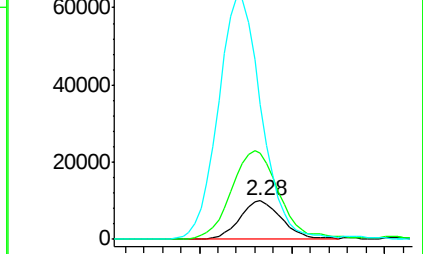
63 352.5 107.7 200.1#



Abundance Ion 96.00 (95.70 to 96.70): VU030997.D (-277) (-)

Ion 61.05 (60.75 to 61.75): VU030997.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU030997.D (-277) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.212 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.01 min

Lab File: VU030997.D

Acq: 10 Apr 2019 08:21

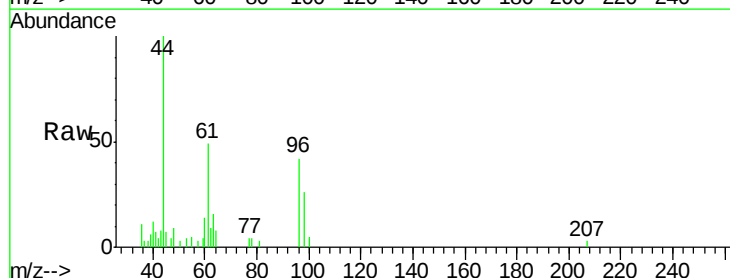
Tgt Ion: 96 Resp: 3357

Ion Ratio Lower Upper

96 100

61 115.7 116.8 216.8#

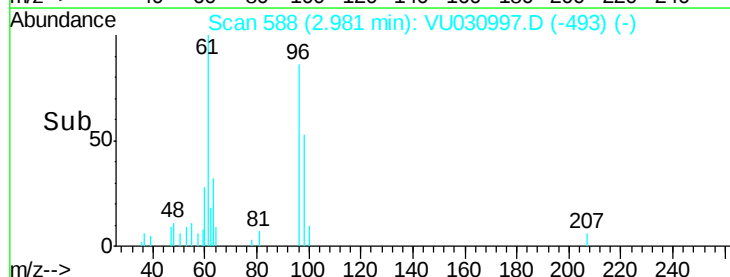
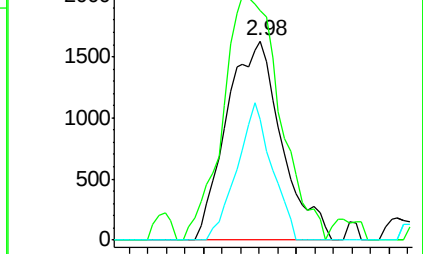
98 61.0 46.8 87.0

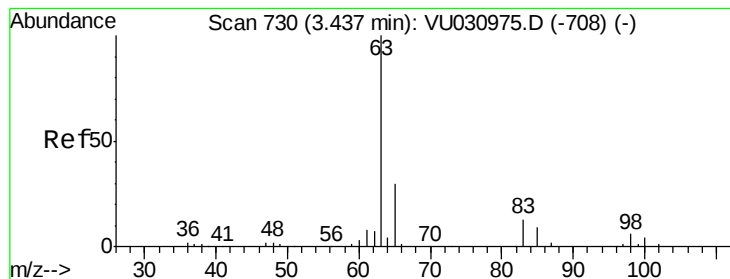


Abundance Ion 96.00 (95.70 to 96.70): VU030997.D (-493) (-)

Ion 61.05 (60.75 to 61.75): VU030997.D (-493) (-)

Ion 97.95 (97.65 to 98.65): VU030997.D (-493) (-)





#19

1,1-Dichloroethane

Concen: 1.936 ug/L

RT: 3.44 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU030997.D

Acq: 10 Apr 2019 08:21

Instrument :

MSVOA_U

ClientSampleId :

E3YD4DL

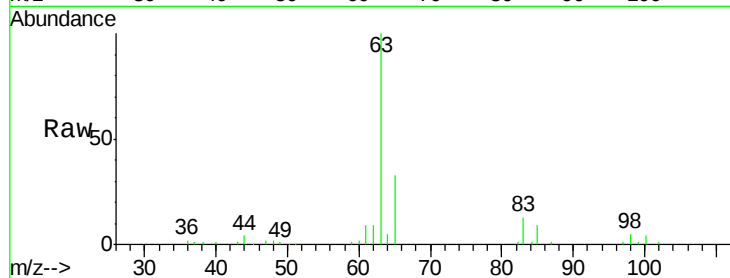
Tot Ion: 63 Resp: 65009

Ion Ratio Lower Upper

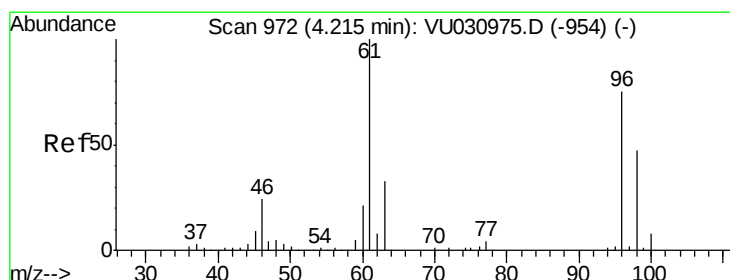
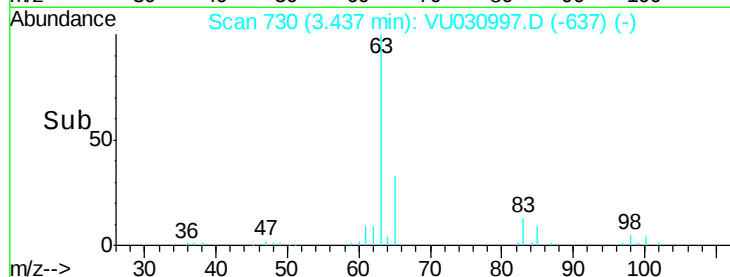
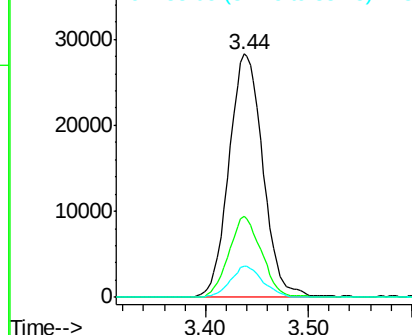
63 100

65 33.2 21.6 40.0

83 13.0 9.1 16.9



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 24.822 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU030997.D

Acq: 10 Apr 2019 08:21

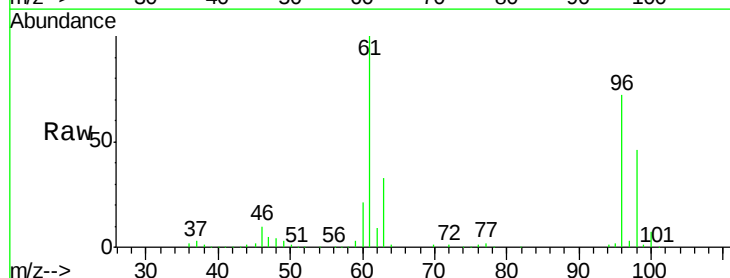
Tgt Ion: 96 Resp: 420122

Ion Ratio Lower Upper

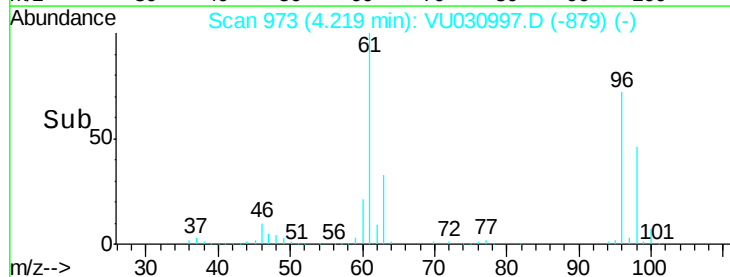
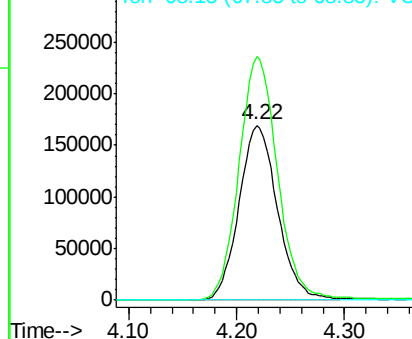
96 100

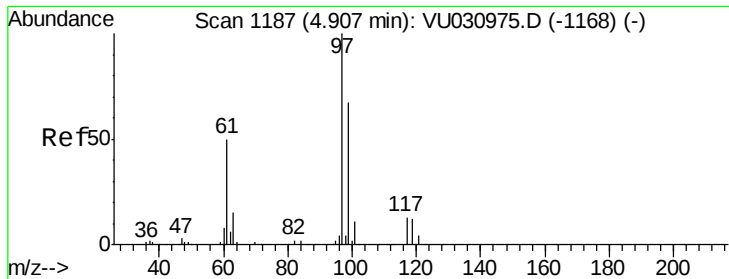
61 139.4 98.9 183.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



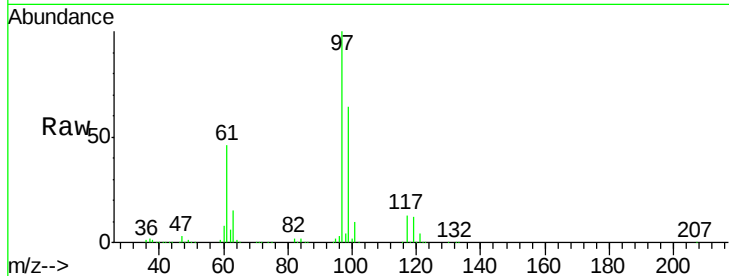


#29
 1,1,1-Trichloroethane
 Concen: 57.086 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: VU030997.D
 Acq: 10 Apr 2019 08:21

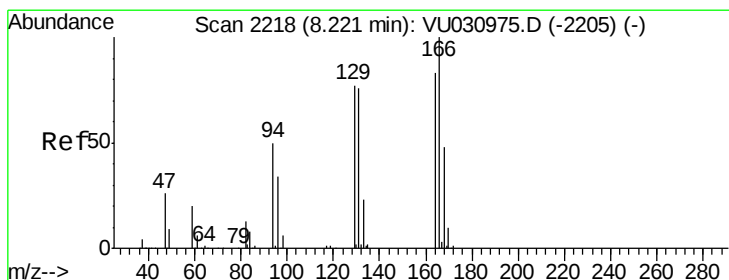
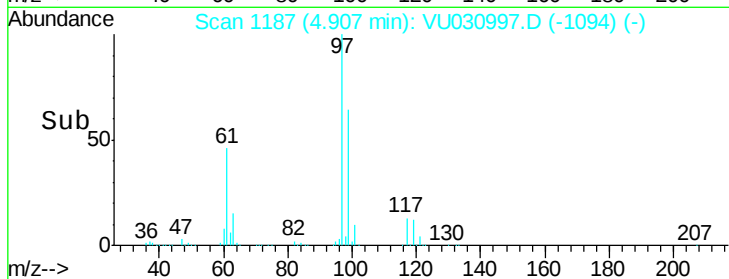
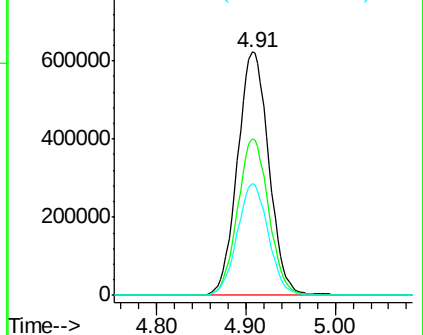
Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD4DL

Tot Ion: 97 Resp: 1519087

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.6
61	45.2	38.1	57.1



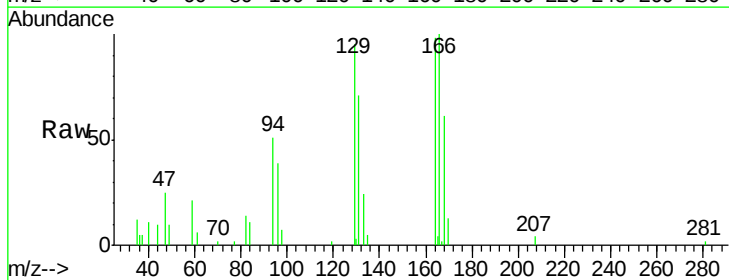
Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0



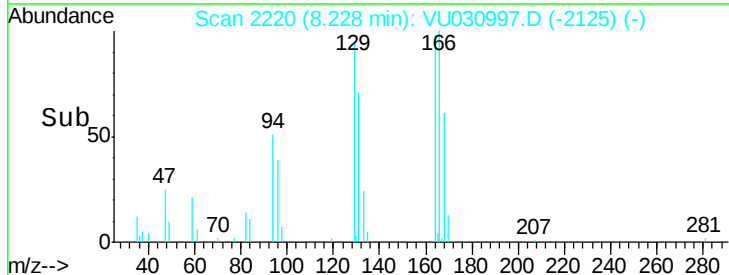
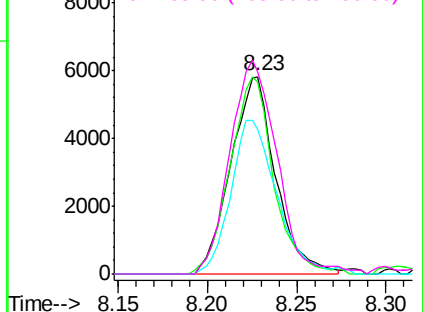
#47
 Tetrachloroethene
 Concen: 0.822 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: VU030997.D
 Acq: 10 Apr 2019 08:21

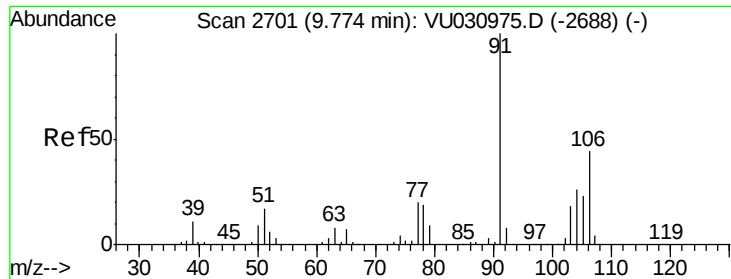
Tgt Ion:164 Resp: 10200

Ion	Ratio	Lower	Upper
164	100		
129	97.1	70.1	130.1
131	73.1	67.8	125.8
166	102.3	87.9	163.3



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V





#54
 o-Xylene
 Concen: 0.408 ug/L
 RT: 9.78 min Scan# 2702
 Delta R.T. 0.00 min
 Lab File: VU030997.D
 Acq: 10 Apr 2019 08:21

Instrument :
 MSVOA_U
 ClientSampleID :
 E3YD4DL

Tot Ion:106 Resp: 10559
 Ion Ratio Lower Upper
 106 100
 91 204.3 161.3 299.7

