

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030984.D
 Acq On : 10 Apr 2019 03:08
 Operator : JC/SP
 Sample : K2248-16DL 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD1DL

Quant Time: Apr 10 06:29:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 04:30:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	216354	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	222059	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85326	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67378	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.68	69	65263	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.27	63	104177	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.18	46	278094	65.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.56%#
24) Chloroform-d	4.64	84	121422	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.31	65	85755	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.20%
32) Benzene-d6	5.33	84	247265	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.33	67	95039	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.56	98	188006	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.00%
43) trans-1,3-Dichloropropene-	7.85	79	29510	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.31	63	164413	51.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	84020	5.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	70032	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

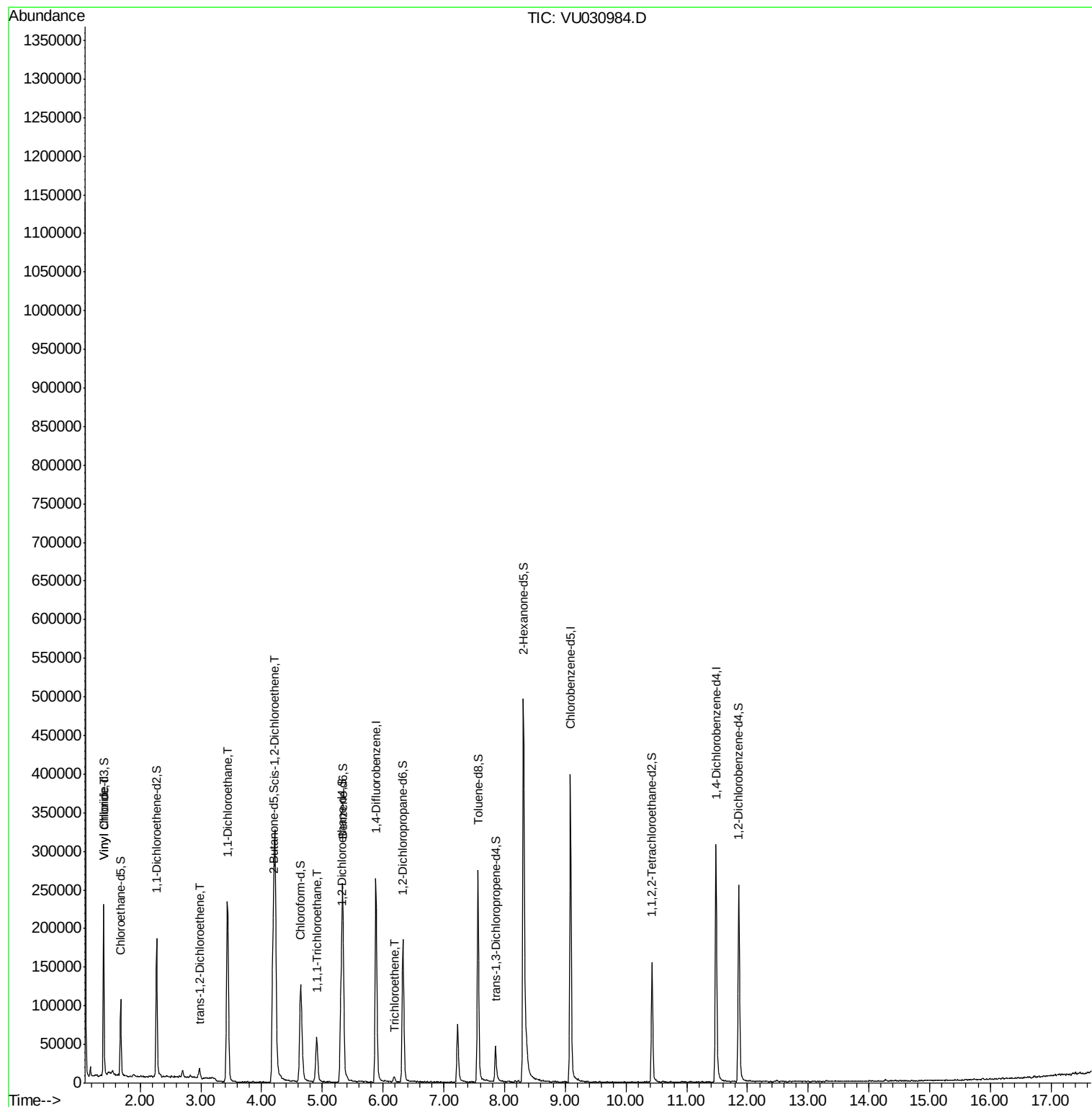
					Ovalue
5) Vinyl chloride	1.40	62	85382	3.298	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	4275	0.257	ug/L 86
19) 1,1-Dichloroethane	3.44	63	258981	7.346	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	159319	8.964	ug/L 94
29) 1,1,1-Trichloroethane	4.91	97	45221	1.599	ug/L 99
34) Trichloroethene	6.19	95	2546	0.135	ug/L 81

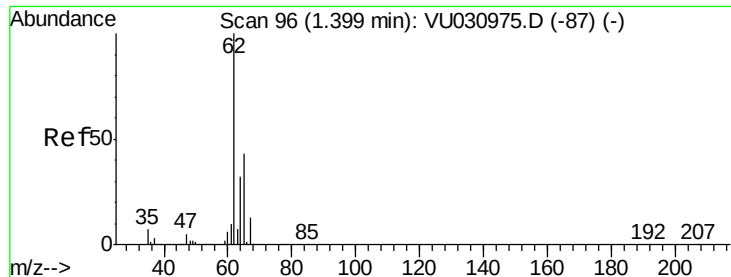
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
Data File : VU030984.D
Acq On : 10 Apr 2019 03:08
Operator : JC/SP
Sample : K2248-16DL 50X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YD1DL

Quant Time: Apr 10 06:29:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 04:30:45 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.298 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU030984.D

Acq: 10 Apr 2019 03:08

Instrument :

MSVOA_U

ClientSampleId :

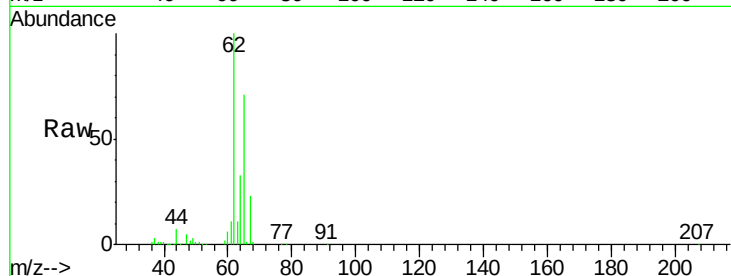
E3YD1DL

Tot Ion: 62 Resp: 85382

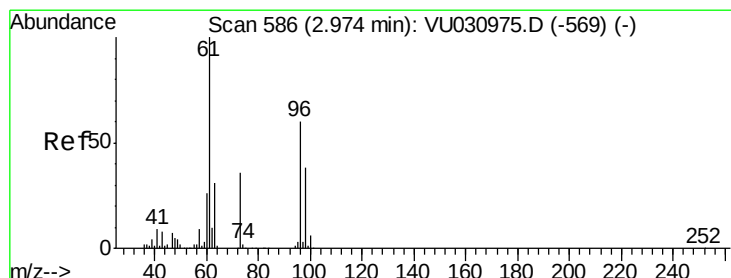
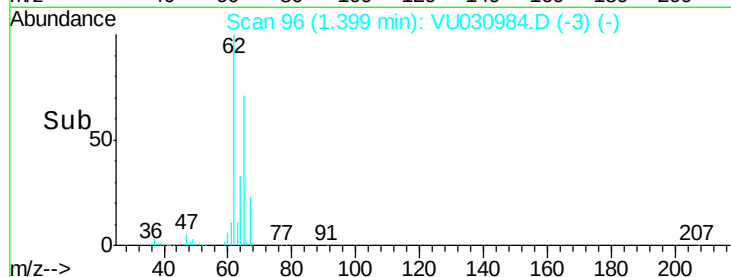
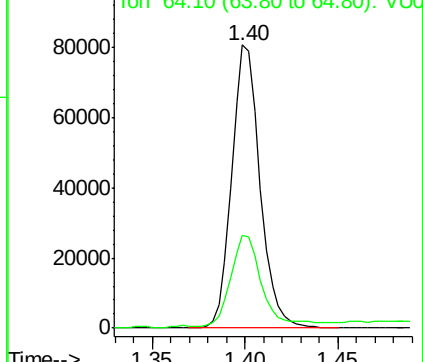
Ion Ratio Lower Upper

62 100

64 32.9 22.5 41.9



Abundance Ion 62.00 (61.70 to 62.70): VU030984.D (-3) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.257 ug/L

RT: 2.97 min Scan# 585

Delta R.T. -0.00 min

Lab File: VU030984.D

Acq: 10 Apr 2019 03:08

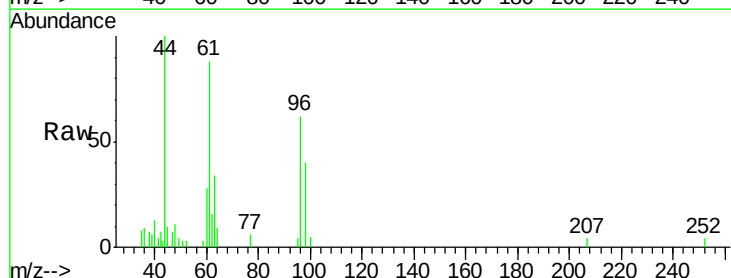
Tgt Ion: 96 Resp: 4275

Ion Ratio Lower Upper

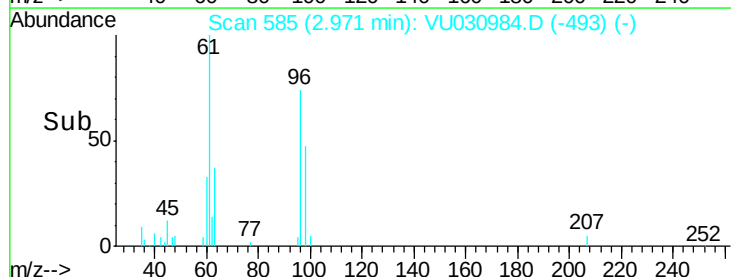
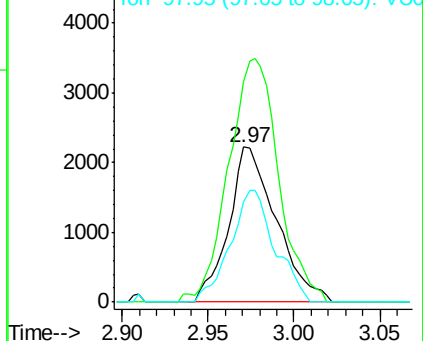
96 100

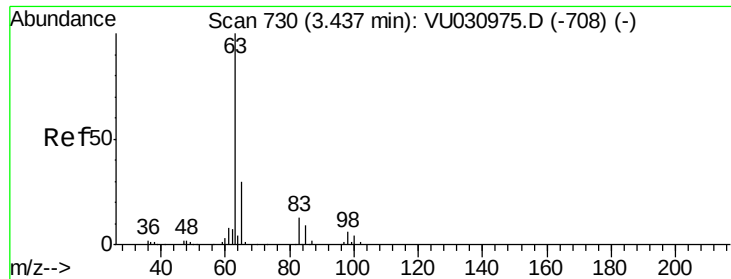
61 142.4 116.8 216.8

98 64.4 46.8 87.0



Abundance Ion 96.00 (95.70 to 96.70): VU030984.D (-493) (-)

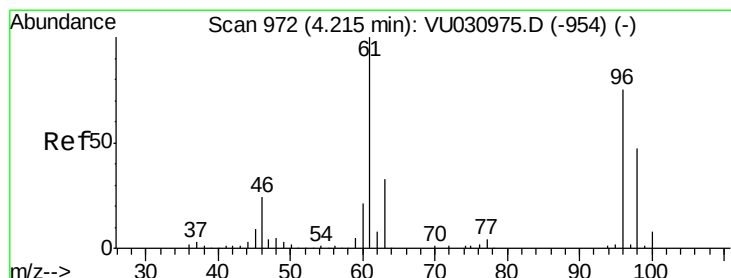
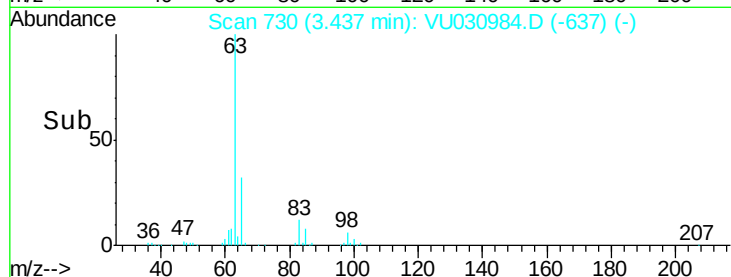
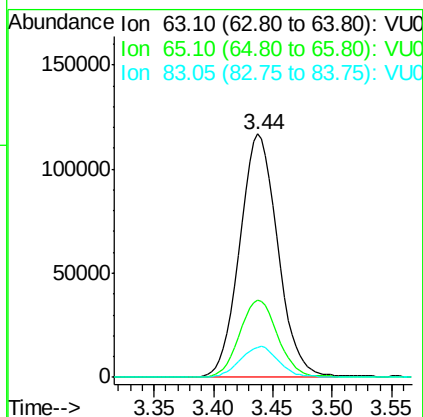
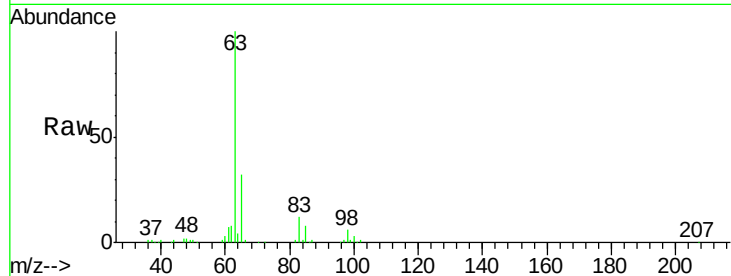




#19
 1,1-Dichloroethane
 Concen: 7.346 ug/L
 RT: 3.44 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU030984.D
 Acq: 10 Apr 2019 03:08

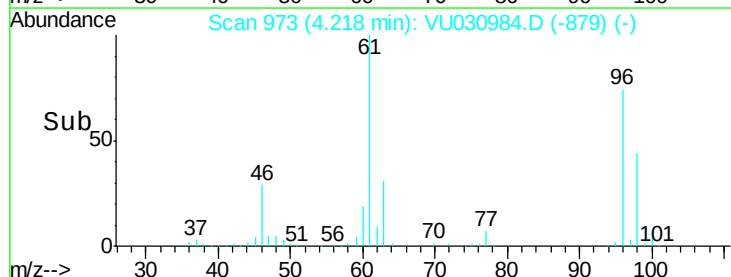
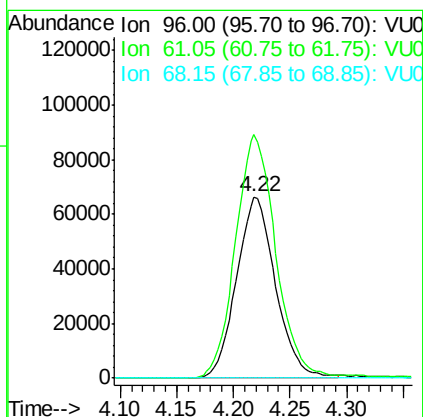
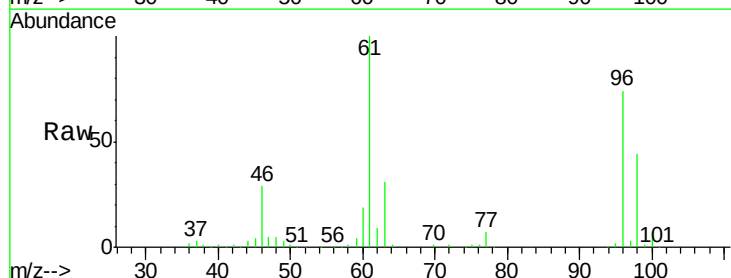
Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD1DL

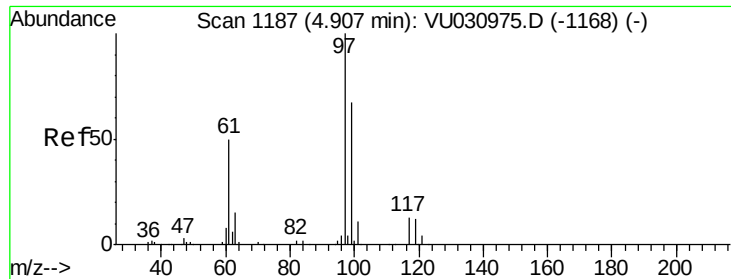
Tot Ion: 63 Resp: 258981
 Ion Ratio Lower Upper
 63 100
 65 31.5 21.6 40.0
 83 12.5 9.1 16.9



#22
 cis-1,2-Dichloroethene
 Concen: 8.964 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU030984.D
 Acq: 10 Apr 2019 03:08

Tgt Ion: 96 Resp: 159319
 Ion Ratio Lower Upper
 96 100
 61 134.5 98.9 183.7
 68 0.0 0.0 0.0

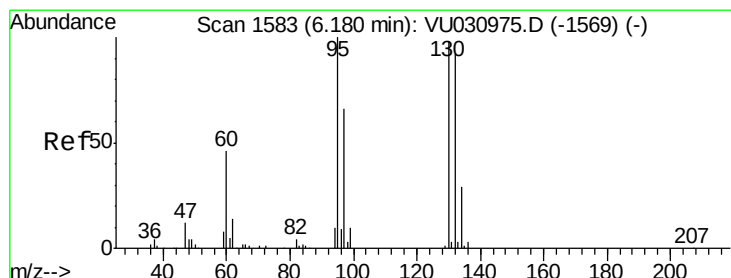
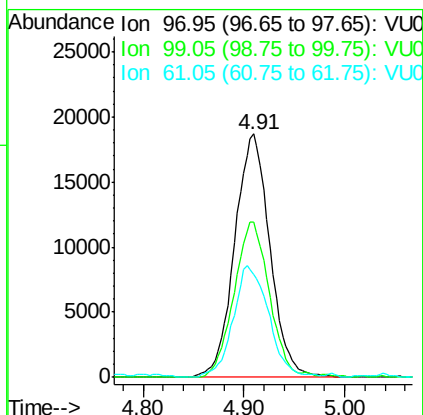
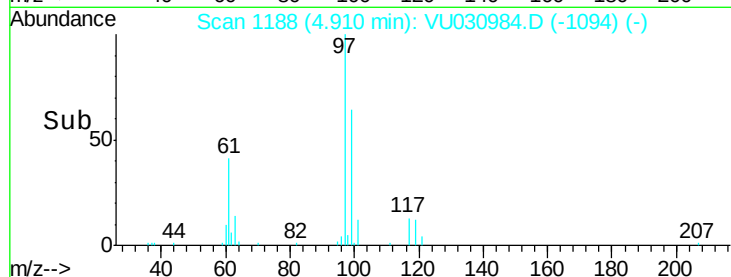
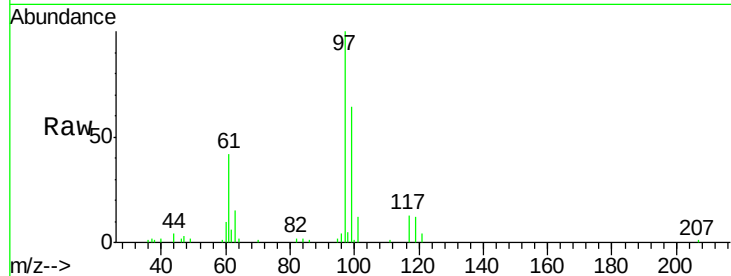




#29
1,1,1-Trichloroethane
Concen: 1.599 ug/L
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU030984.D
Acq: 10 Apr 2019 03:08

Instrument :
MSVOA_U
ClientSampleId :
E3YD1DL

Tot Ion: 97 Resp: 45221
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 46.3 38.1 57.1



#34
Trichloroethene
Concen: 0.135 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU030984.D
Acq: 10 Apr 2019 03:08

Tgt Ion: 95 Resp: 2546
Ion Ratio Lower Upper
95 100
97 51.1 43.5 80.9
132 70.7 60.7 112.7
130 69.3 65.1 120.9

