

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U090518\
 Data File : VU026546.D
 Acq On : 05 Sep 2018 15:18
 Operator : MD/SY
 Sample : J4694-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE40

Quant Time: Sep 06 05:54:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 04:37:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	155987	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	148755	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	64226	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	40970	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.78%
7) Chloroethane-d5	1.68	69	38900	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.14%
11) 1,1-Dichloroethene-d2	2.27	63	63831	29.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.66%#
21) 2-Butanone-d5	4.18	46	79574	106.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.08%
24) Chloroform-d	4.65	84	88303	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
26) 1,2-Dichloroethane-d4	5.31	65	61236	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
32) Benzene-d6	5.35	84	172121	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.33	67	62278	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.76%
41) Toluene-d8	7.57	98	154170	46.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.16%
43) trans-1,3-Dichloropropene-	7.85	79	17588	32.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.40%
47) 2-Hexanone-d5	8.31	63	55867	103.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.42%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	86575	49.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	63009	54.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.14%

Target Compounds

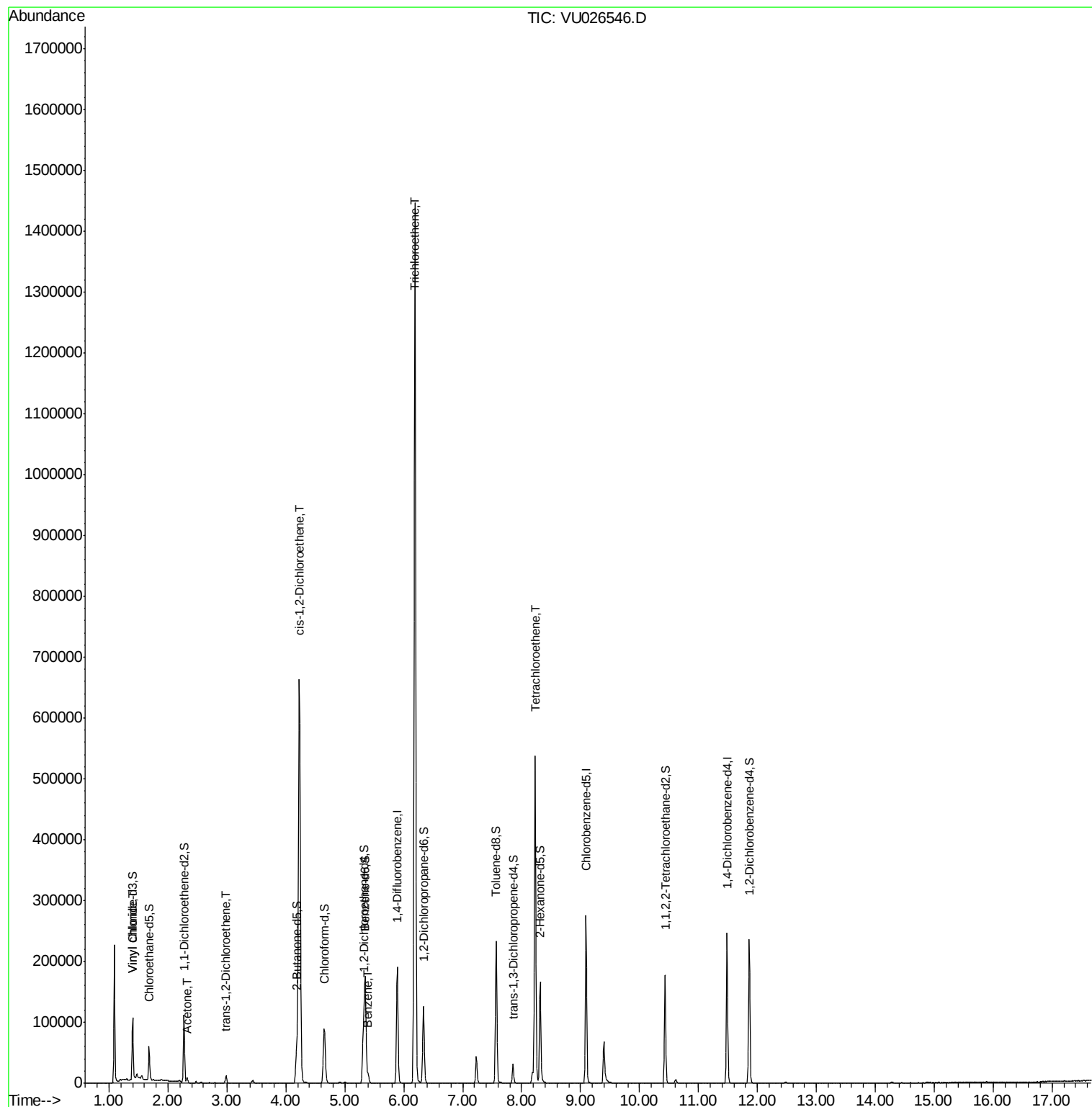
					Ovalue
5) Vinyl chloride	1.40	62	28639	17.59	ug/L # 82
13) Acetone	2.32	43	7640	11.76	ug/L 99
17) trans-1,2-Dichloroethene	2.99	96	4891	4.86	ug/L 93
20) cis-1,2-Dichloroethene	4.23	96	369442	327.46	ug/L 98
33) Benzene	5.39	78	14893	3.49	ug/L 100
34) Trichloroethene	6.19	95	487672	455.90	ug/L 99
46) Tetrachloroethene	8.23	164	120588	137.88	ug/L 95

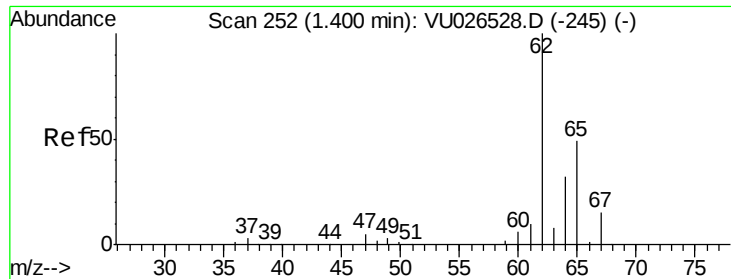
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 17.59 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU026546.D

Acq: 05 Sep 2018 15:18

Instrument :

MSVOA_U

ClientSampleId :

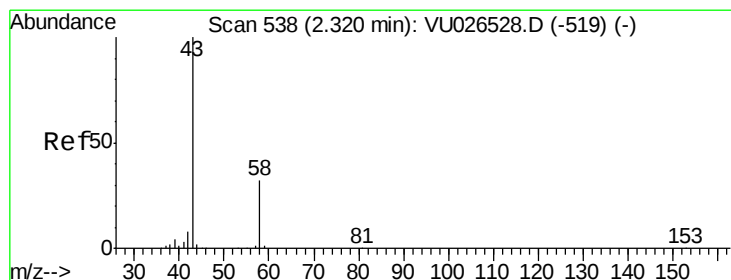
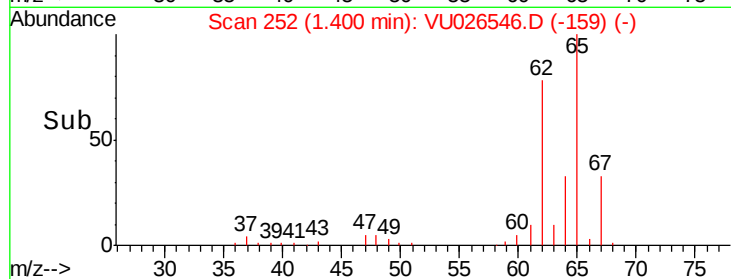
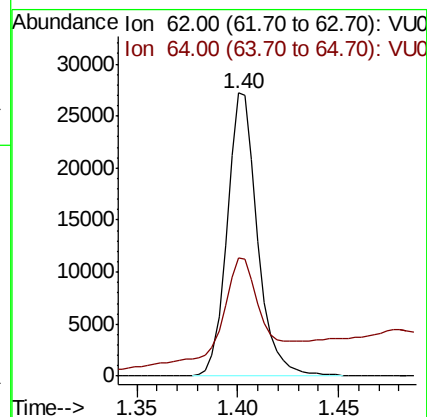
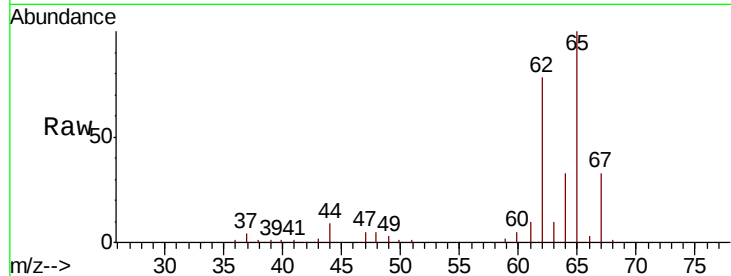
BEE40

Tot Ion: 62 Resp: 28639

Ion Ratio Lower Upper

62 100

64 41.9 22.4 41.6#



#13

Acetone

Concen: 11.76 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026546.D

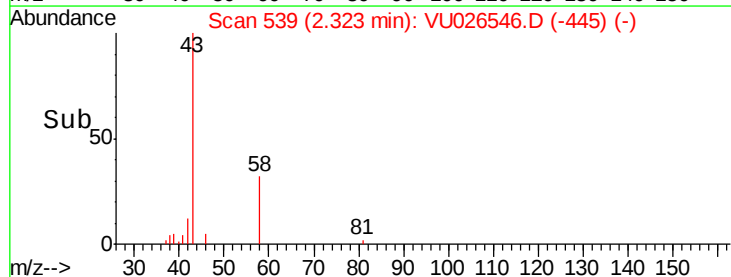
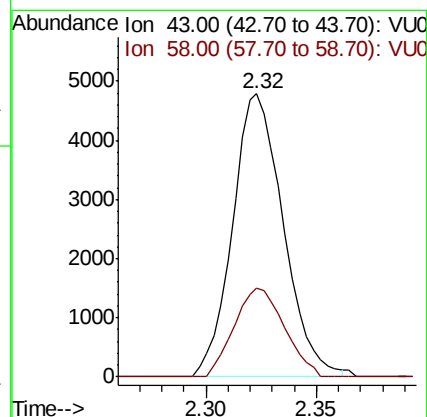
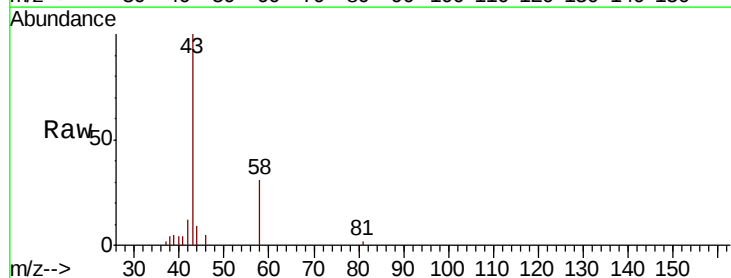
Acq: 05 Sep 2018 15:18

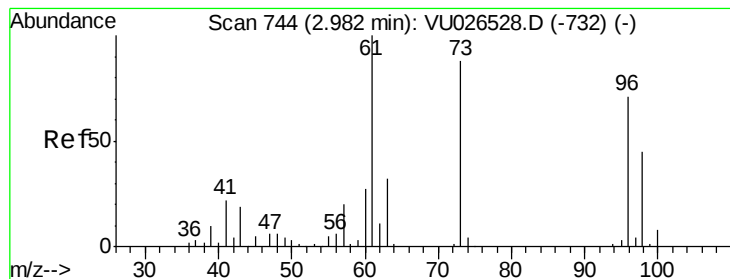
Tgt Ion: 43 Resp: 7640

Ion Ratio Lower Upper

43 100

58 30.9 0.0 61.2





#17

trans-1,2-Dichloroethene

Concen: 4.86 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU026546.D

Acq: 05 Sep 2018 15:18

Instrument :

MSVOA_U

ClientSampleId :

BEE40

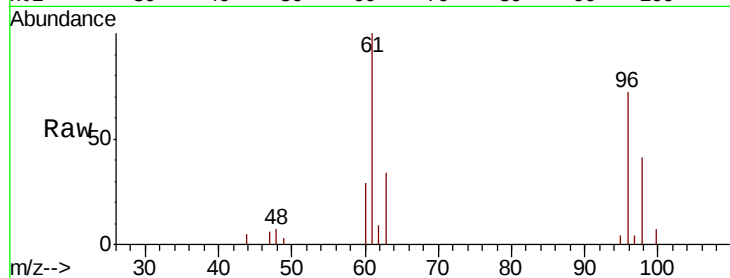
Tot Ion: 96 Resp: 4891

Ion Ratio Lower Upper

96 100

61 139.0 103.2 191.6

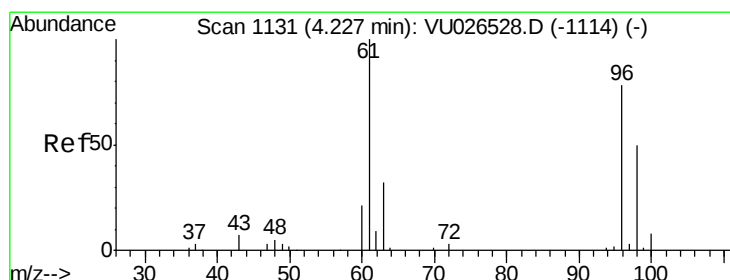
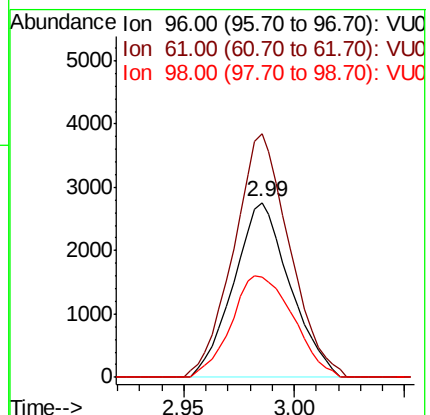
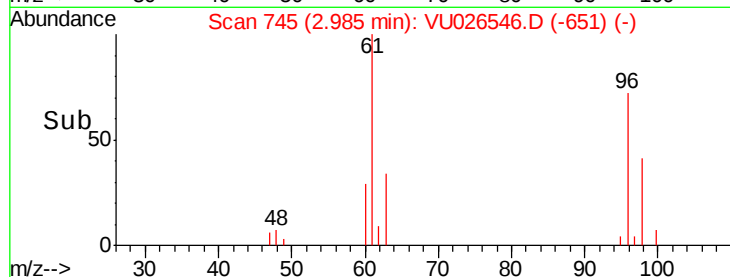
98 57.1 44.9 83.3



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 327.46 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026546.D

Acq: 05 Sep 2018 15:18

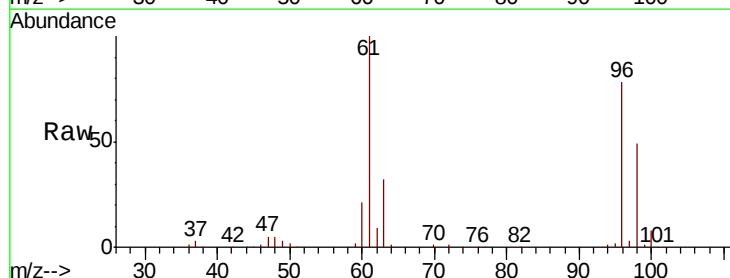
Tgt Ion: 96 Resp: 369442

Ion Ratio Lower Upper

96 100

61 129.0 91.6 170.2

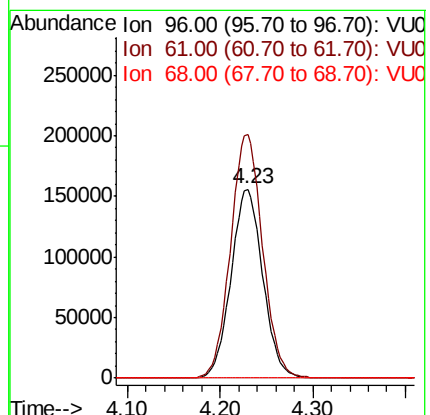
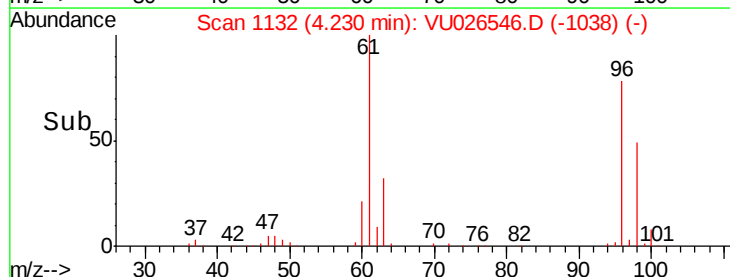
68 0.0 0.0 0.0

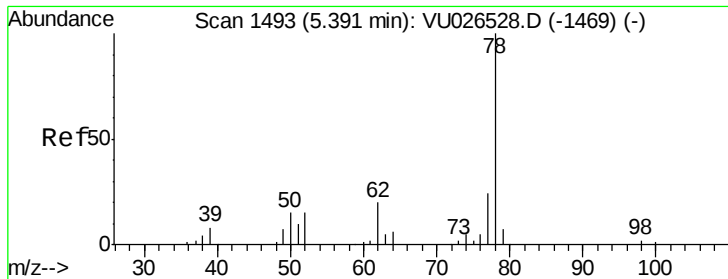


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#33

Benzene

Concen: 3.49 ug/L

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU026546.D

Acq: 05 Sep 2018 15:18

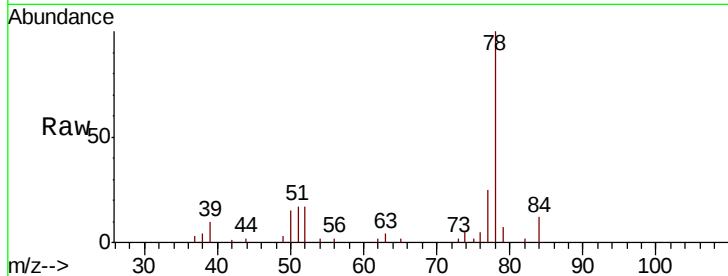
Instrument :

MSVOA_U

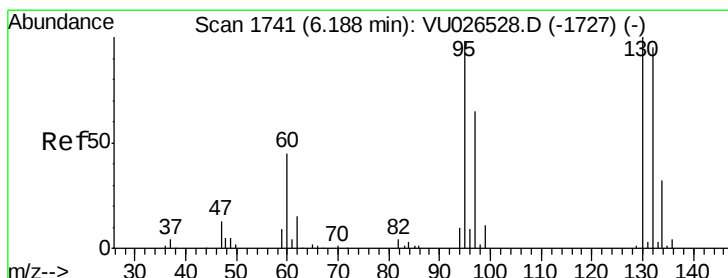
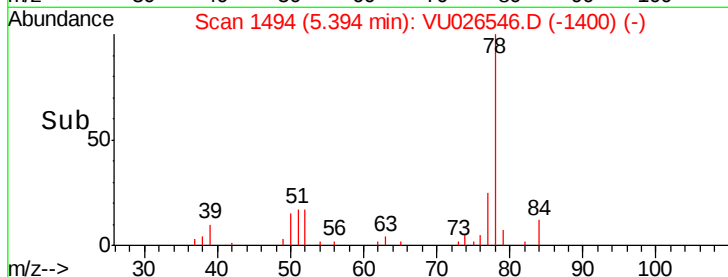
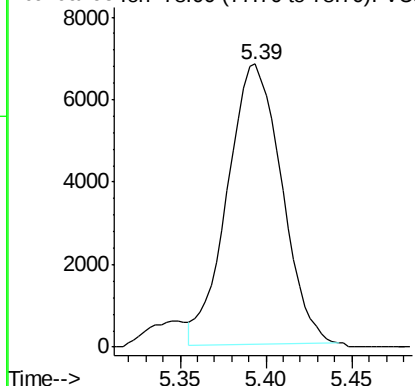
ClientSampled :

BEE40

Tgt Ion: 78 Resp: 14893



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 455.90 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU026546.D

Acq: 05 Sep 2018 15:18

Tgt Ion: 95 Resp: 487672

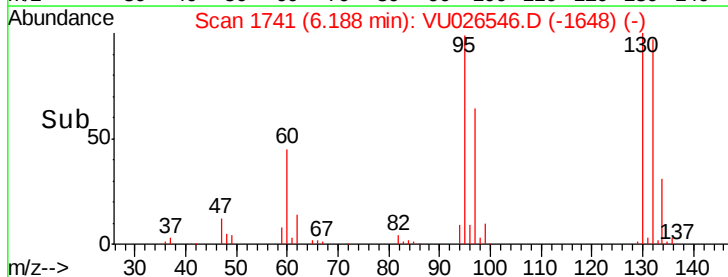
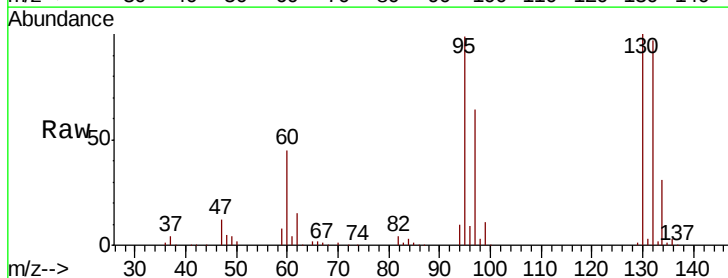
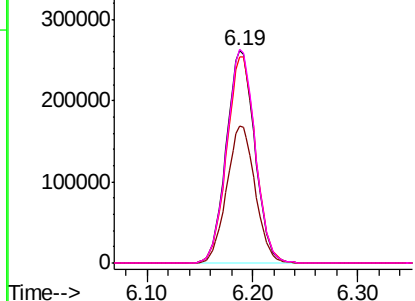
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.1	83.7
132	97.2	67.5	125.3
130	100.6	69.3	128.7

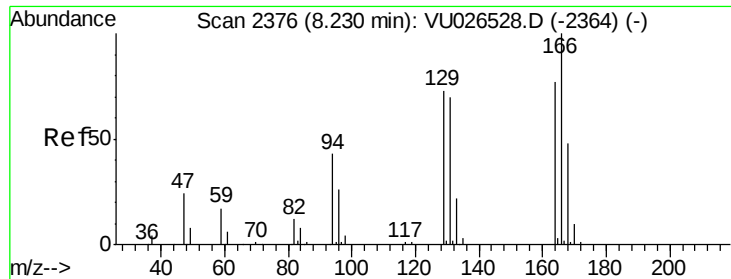
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#46

Tetrachloroethene

Concen: 137.88 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU026546.D

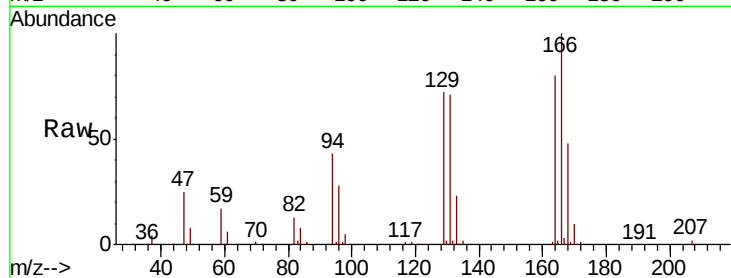
Acq: 05 Sep 2018 15:18

Instrument :

MSVOA_U

ClientSampleId :

BEE40



Tot Ion:164 Resp: 120588

Ion Ratio Lower Upper

164 100

129 90.4 67.3 125.1

131 89.3 65.3 121.3

166 125.4 90.9 168.7

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

