

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062918\
 Data File : VU025070.D
 Acq On : 29 Jun 2018 15:23
 Operator : MD/SY
 Sample : J3766-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ST5

Quant Time: Jun 29 23:43:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 29 23:41:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	354264	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	318652	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	143905	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	101405	47.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.76%
7) Chloroethane-d5	1.68	69	83516	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.64%
11) 1,1-Dichloroethene-d2	2.27	63	164482	35.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.22%
21) 2-Butanone-d5	4.18	46	184297	104.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.11%
24) Chloroform-d	4.65	84	209991	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.58%
26) 1,2-Dichloroethane-d4	5.31	65	155201	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
32) Benzene-d6	5.35	84	431824	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
36) 1,2-Dichloropropane-d6	6.33	67	136836	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.28%
41) Toluene-d8	7.57	98	411502	48.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.85	79	67150	48.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.18%
47) 2-Hexanone-d5	8.31	63	133418	104.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.97%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	191223	48.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	157773	50.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.64%

Target Compounds

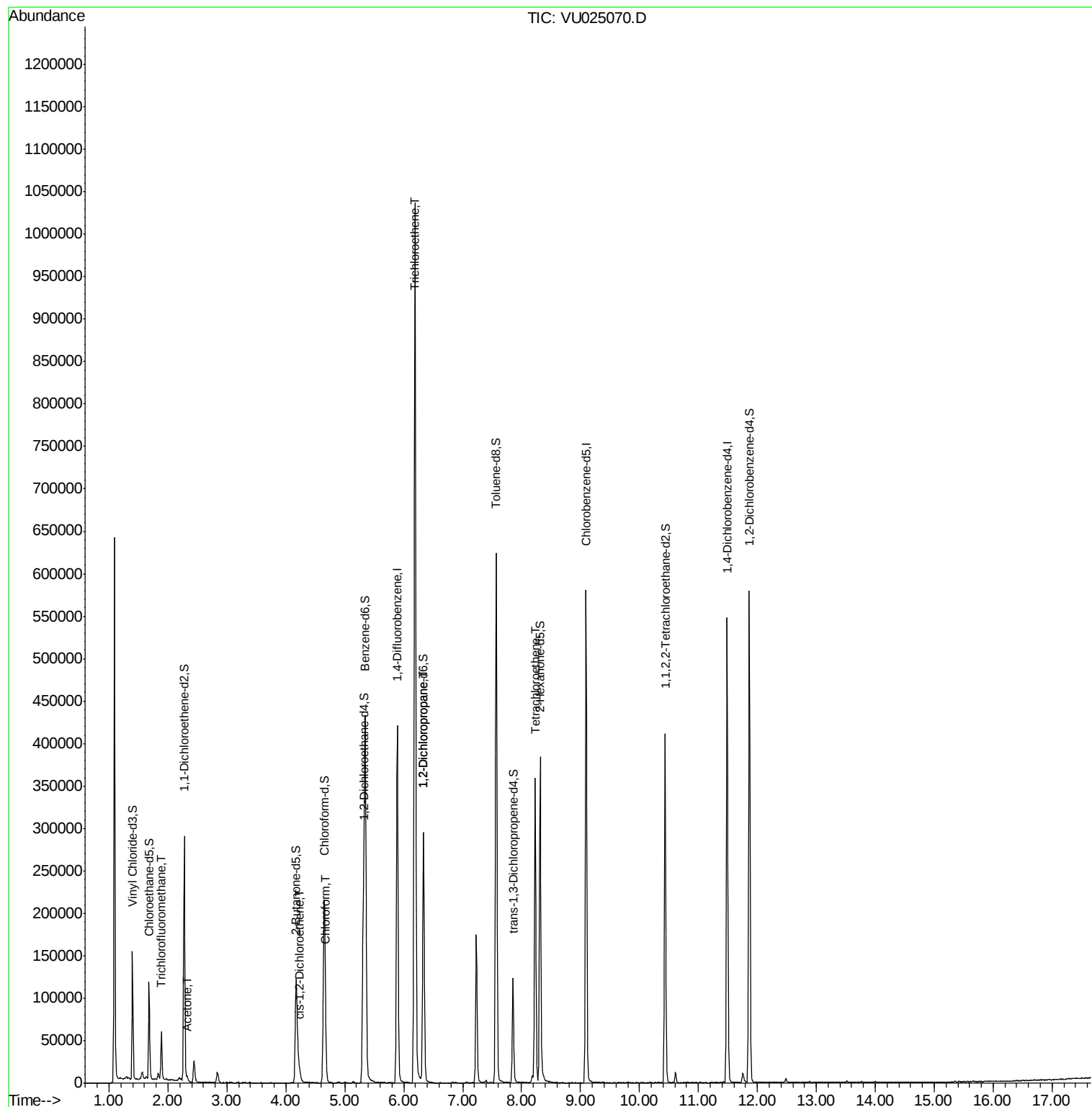
					Qvalue
9) Trichlorofluoromethane	1.89	101	33376	8.318 ug/L	98
13) Acetone	2.32	43	4983	2.739 ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	6386	2.350 ug/L	84
25) Chloroform	4.68	83	8125	1.699 ug/L	83
34) Trichloroethene	6.19	95	357298	138.987 ug/L	99
37) 1,2-Dichloropropane	6.33	63	16827	6.520 ug/L #	88
46) Tetrachloroethene	8.23	164	80649	37.061 ug/L	98

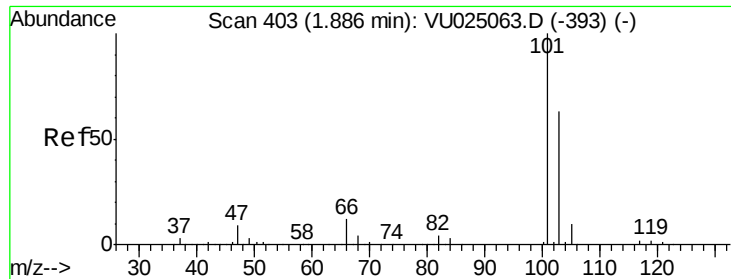
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 8.318 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU025070.D

Acq: 29 Jun 2018 15:23

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MSVOA_U

ClientSampleId :

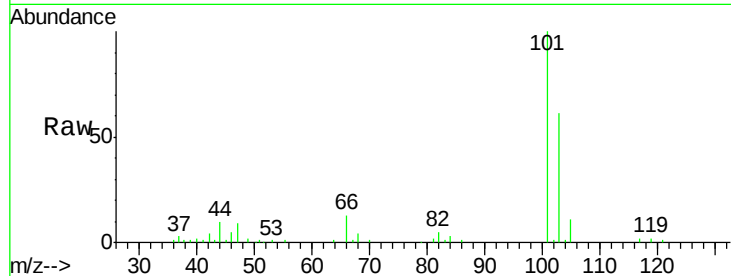
C0ST5

Tgt Ion:101 Resp: 33376

Ion Ratio Lower Upper

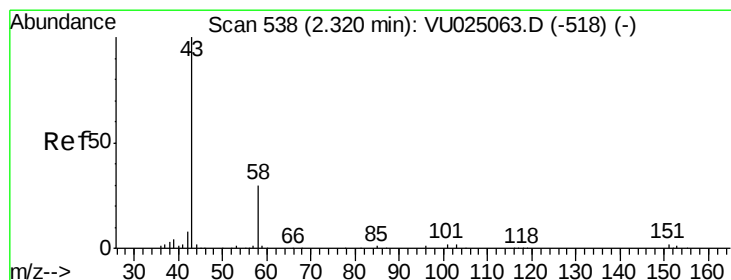
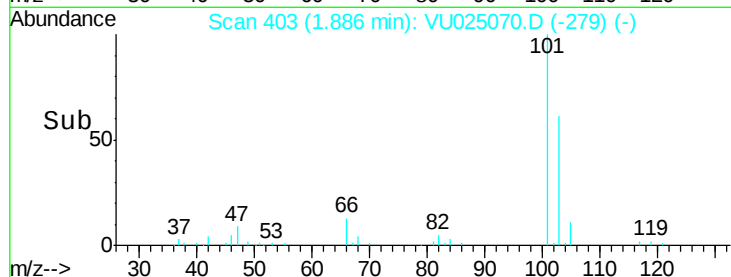
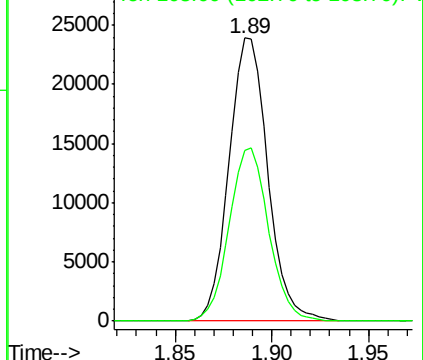
101 100

103 62.2 51.1 76.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 2.739 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025070.D

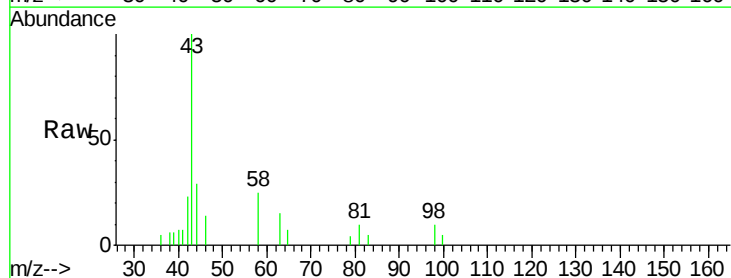
Acq: 29 Jun 2018 15:23

Tgt Ion: 43 Resp: 4983

Ion Ratio Lower Upper

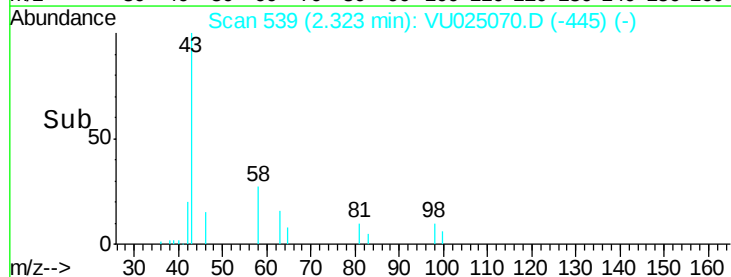
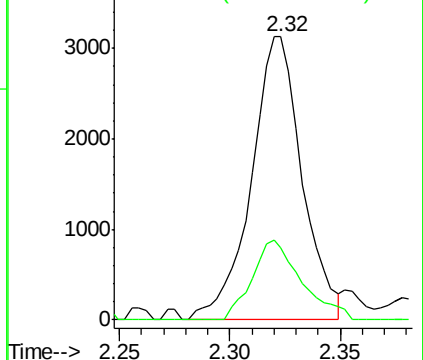
43 100

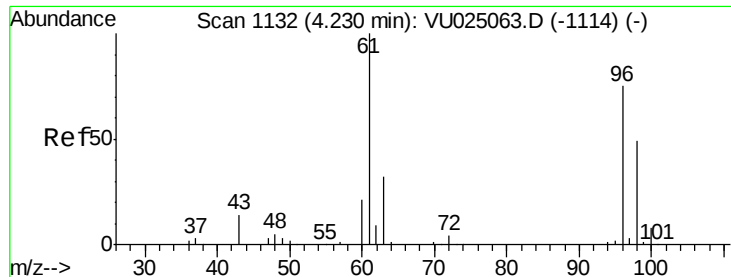
58 27.5 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

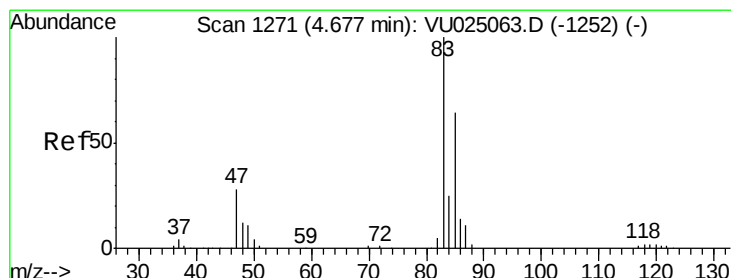
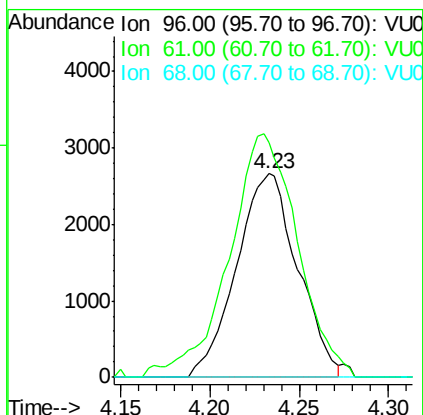
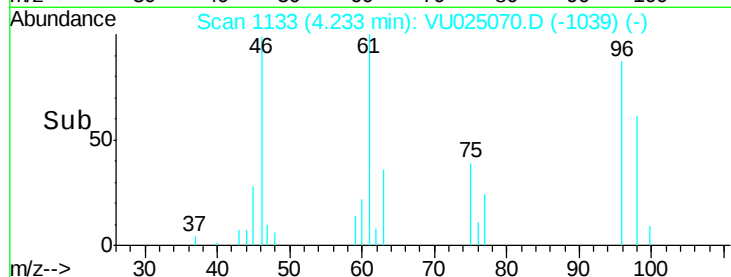
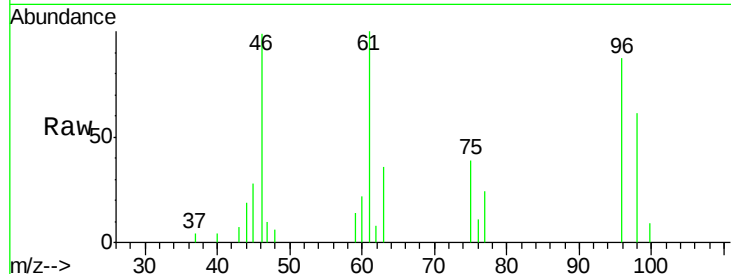




#20
 cis-1,2-Dichloroethene
 Concen: 2.350 ug/L
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU025070.D
 Acq: 29 Jun 2018 15:23

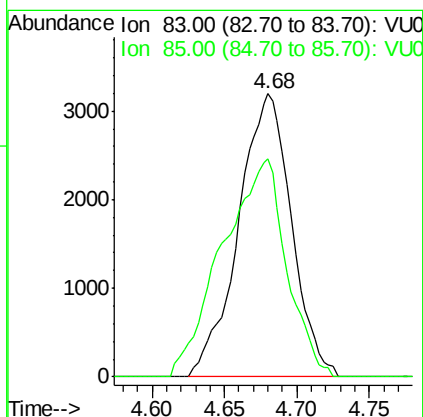
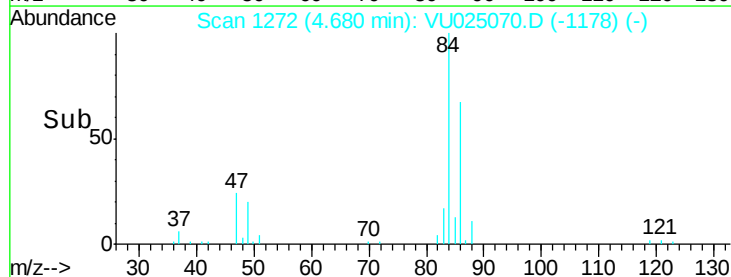
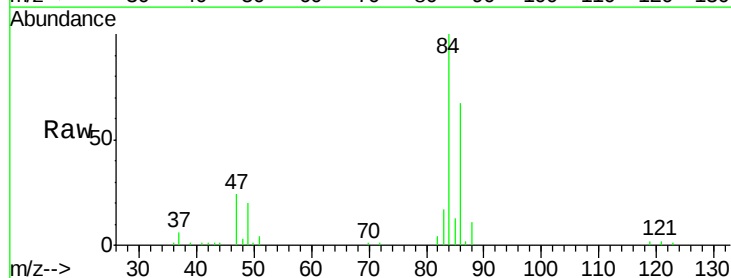
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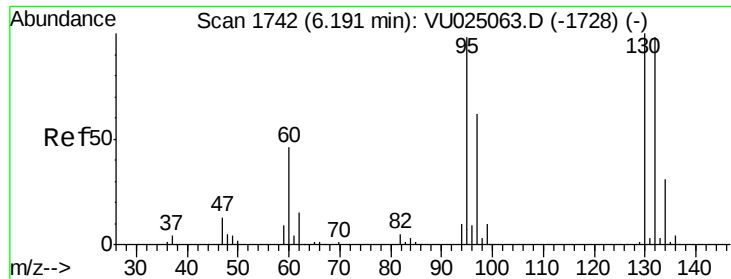
Tgt Ion: 96 Resp: 6386
 Ion Ratio Lower Upper
 96 100
 61 115.1 93.4 173.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.699 ug/L
 RT: 4.68 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: VU025070.D
 Acq: 29 Jun 2018 15:23

Tgt Ion: 83 Resp: 8125
 Ion Ratio Lower Upper
 83 100
 85 77.0 44.7 83.1

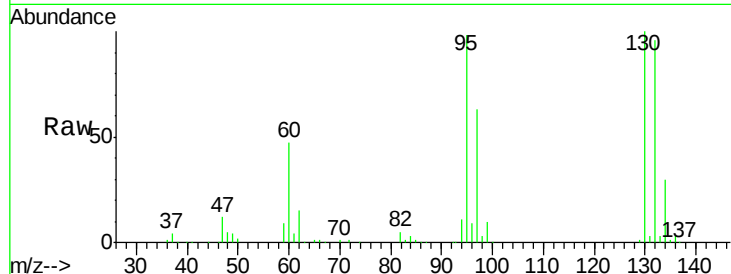




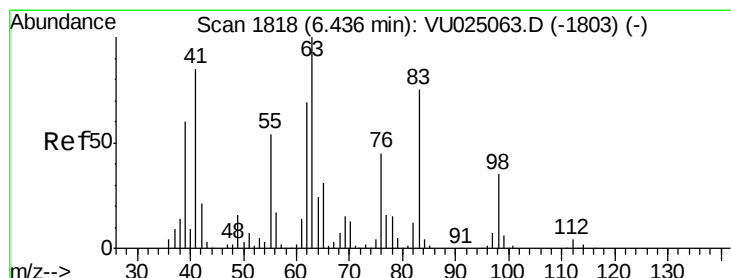
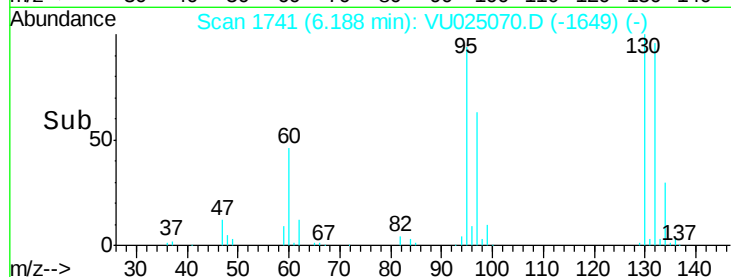
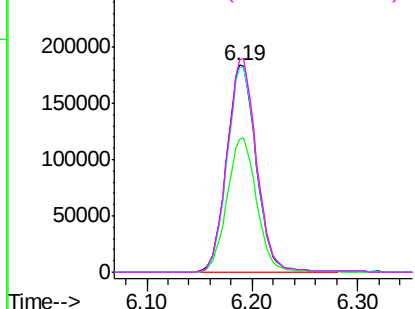
#34
 Trichloroethene
 Concen: 138.987 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU025070.D
 Acq: 29 Jun 2018 15:23

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ST5

Tgt Ion: 95 Resp: 357298
 Ion Ratio Lower Upper
 95 100
 97 64.4 44.1 81.9
 132 98.6 70.2 130.4
 130 102.5 71.7 133.1

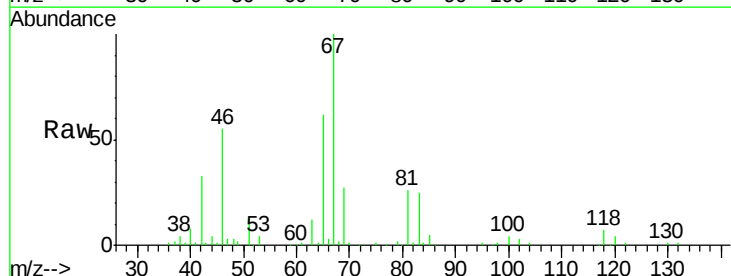


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

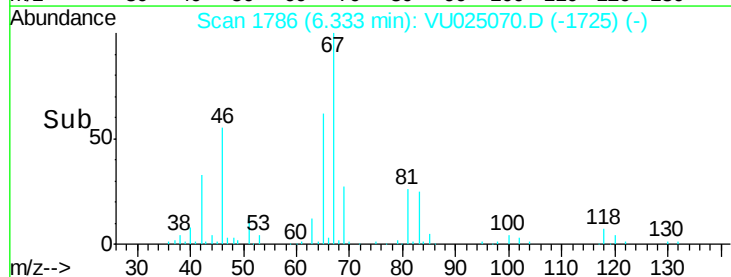
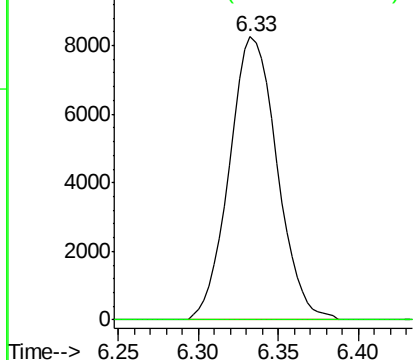


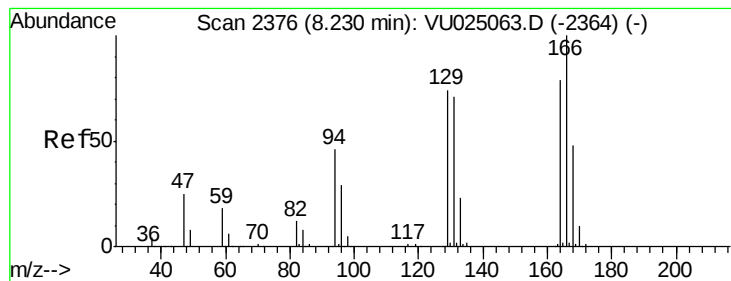
#37
 1,2-Dichloropropane
 Concen: 6.520 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU025070.D
 Acq: 29 Jun 2018 15:23

Tgt Ion: 63 Resp: 16827
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 37.061 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025070.D

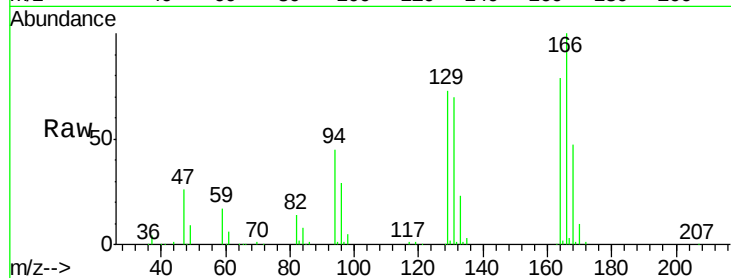
Acq: 29 Jun 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

C0ST5



Tgt Ion:164 Resp: 80649

Ion Ratio Lower Upper

164 100

129 91.7 66.1 122.8

131 88.5 62.7 116.5

166 126.1 88.8 165.0

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

