

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082918\
 Data File : VU026432.D
 Acq On : 29 Aug 2018 19:24
 Operator : MD/SY
 Sample : J4691-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 02:24:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 30 02:20:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	154445	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150742	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	74445	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43627	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.18%
7) Chloroethane-d5	1.68	69	40589	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.94%
11) 1,1-Dichloroethene-d2	2.27	63	68886	31.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.94%
21) 2-Butanone-d5	4.18	46	70445	94.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.85%
24) Chloroform-d	4.65	84	81905	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	5.31	65	57002	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
32) Benzene-d6	5.35	84	167669	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
36) 1,2-Dichloropropane-d6	6.33	67	57289	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.00%
41) Toluene-d8	7.57	98	158338	47.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.42%
43) trans-1,3-Dichloropropene-	7.85	79	25733	47.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.42%
47) 2-Hexanone-d5	8.31	63	55395	101.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.20%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	78795	44.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	67345	49.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.72%

Target Compounds

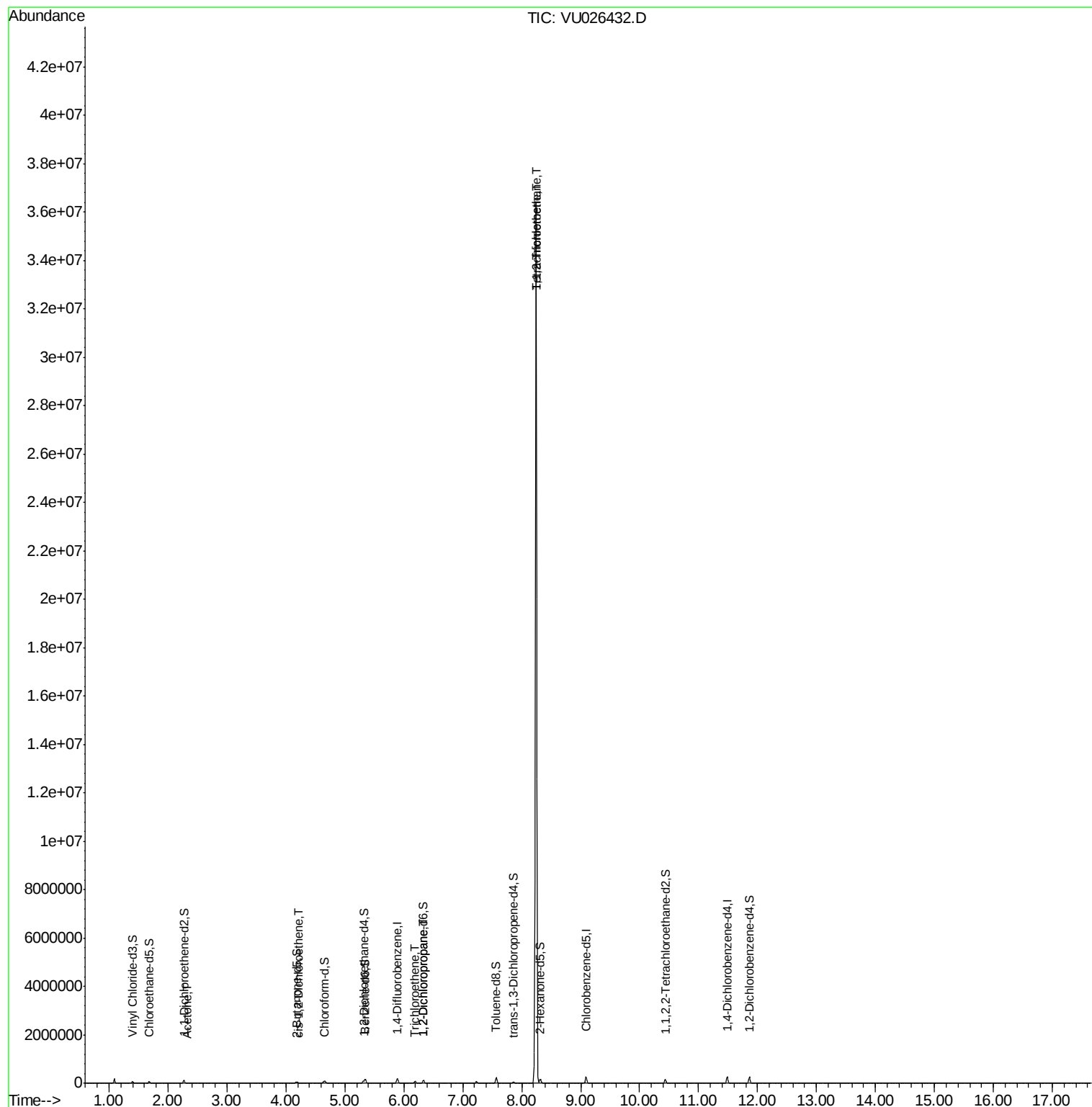
					Ovalue
13) Acetone	2.32	43	7678	11.939	ug/L 98
20) cis-1,2-Dichloroethene	4.23	96	6878	6.157	ug/L 97
34) Trichloroethene	6.19	95	25017	23.079	ug/L 99
37) 1,2-Dichloropropane	6.33	63	6137	5.130	ug/L # 88
45) 1,1,2-Trichloroethane	8.24	97	66950	61.085	ug/L # 1
46) Tetrachloroethene	8.25	164	7958114	8979.575	ug/L 98

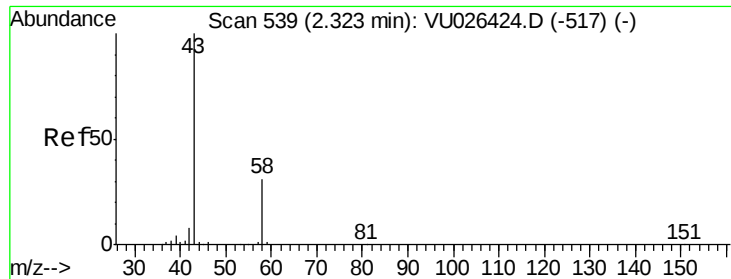
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 30 02:20:47 2018
Response via : Initial Calibration





#13

Acetone

Concen: 11.939 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU026432.D

Acq: 29 Aug 2018 19:24

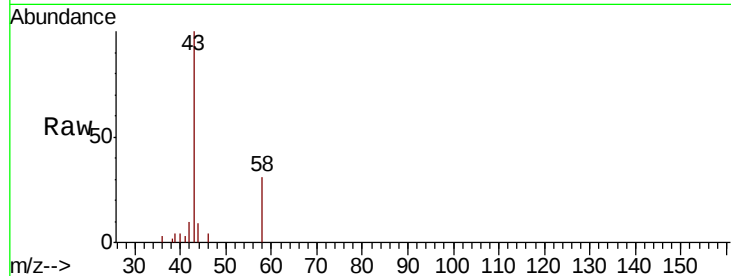
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 7678

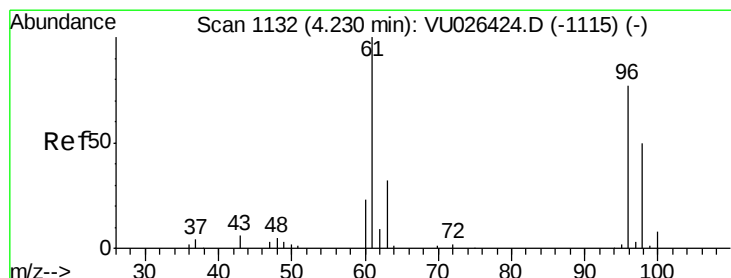
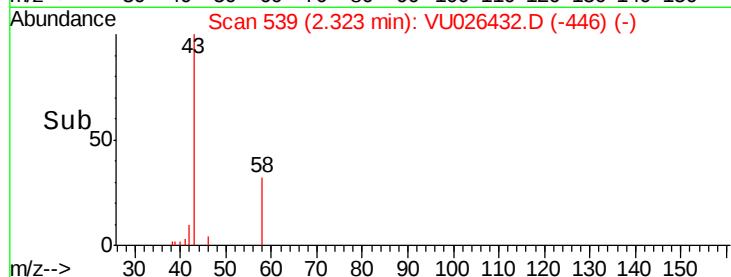
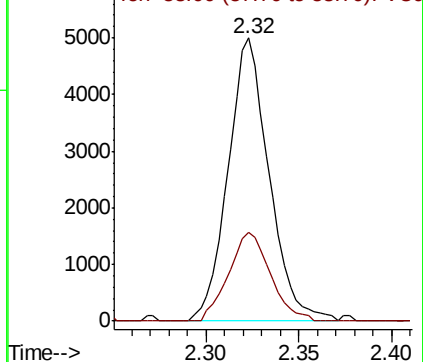
Ion Ratio Lower Upper

43 100

58 31.9 0.0 61.2



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: 6.157 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU026432.D

Acq: 29 Aug 2018 19:24

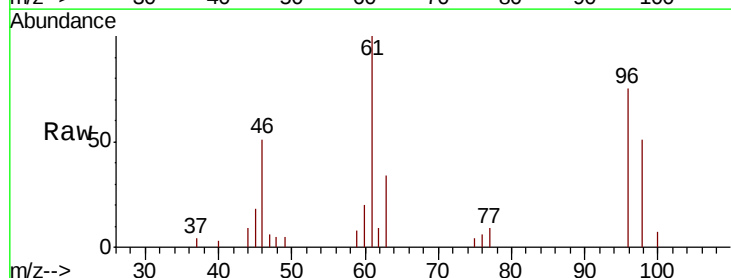
Tgt Ion: 96 Resp: 6878

Ion Ratio Lower Upper

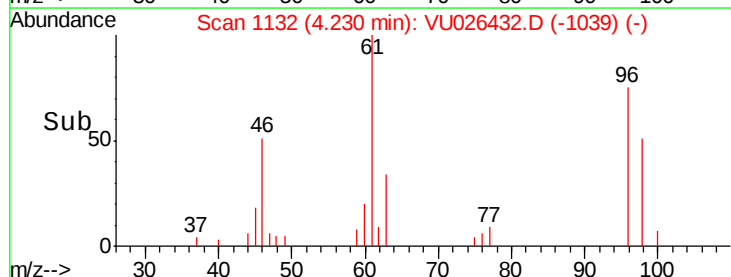
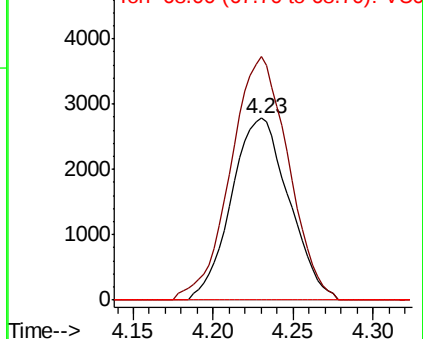
96 100

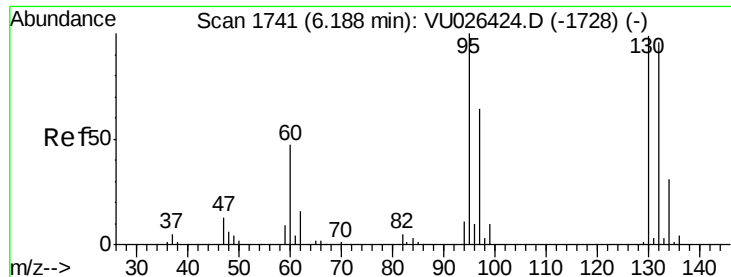
61 133.9 91.6 170.2

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

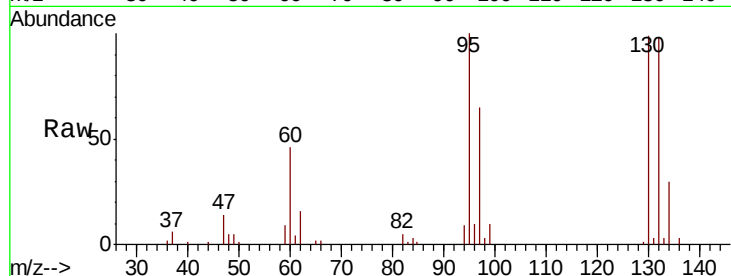




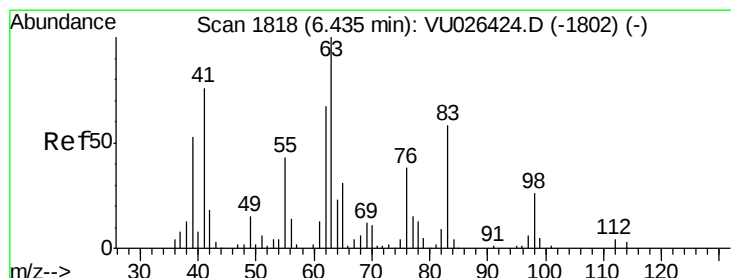
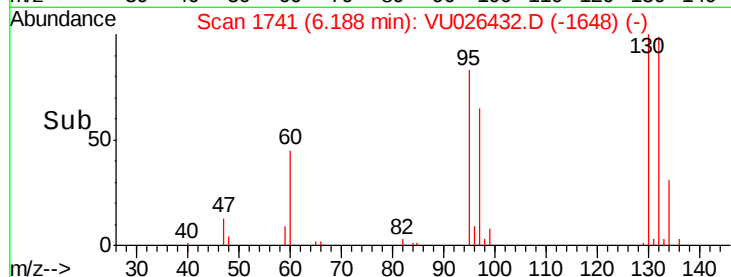
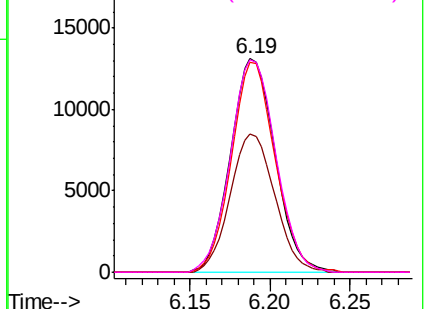
#34
 Trichloroethene
 Concen: 23.079 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU026432.D
 Acq: 29 Aug 2018 19:24

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 25017
 Ion Ratio Lower Upper
 95 100
 97 64.8 45.1 83.7
 132 98.4 67.5 125.3
 130 99.2 69.3 128.7

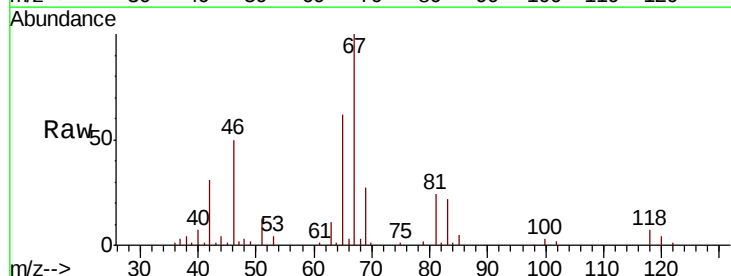


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

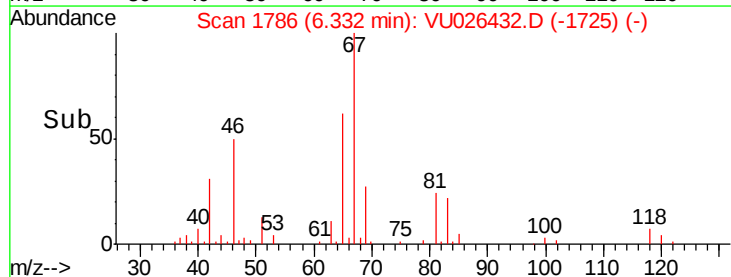
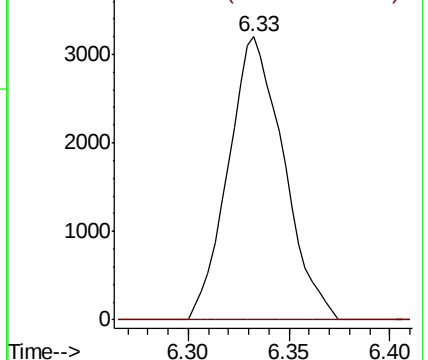


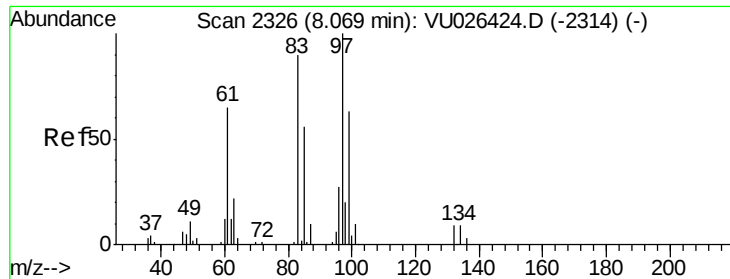
#37
 1,2-Dichloropropane
 Concen: 5.130 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026432.D
 Acq: 29 Aug 2018 19:24

Tgt Ion: 63 Resp: 6137
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



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

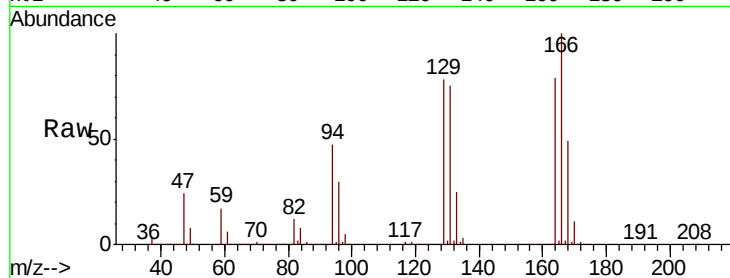




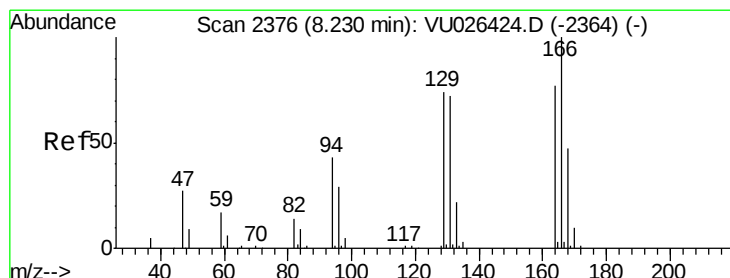
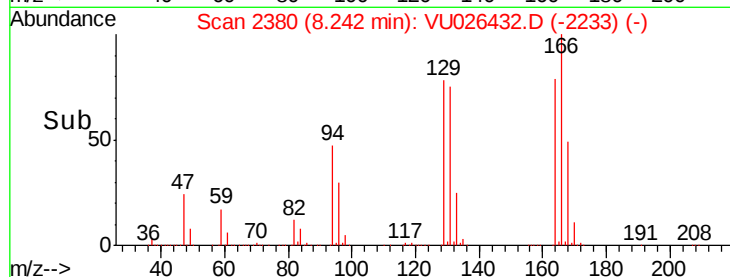
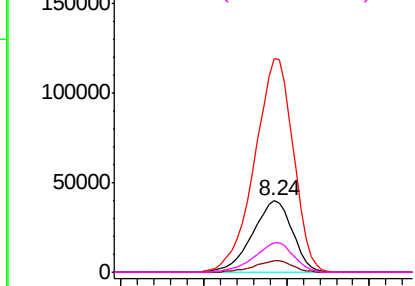
#45
1,1,2-Trichloroethane
Concen: 61.085 ug/L
RT: 8.24 min Scan# 2380
Delta R.T. 0.17 min
Lab File: VU026432.D
Acq: 29 Aug 2018 19:24

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 97 Resp: 66950
Ion Ratio Lower Upper
97 100
99 16.1 43.9 81.5#
83 298.5 62.7 116.5#
85 42.0 39.4 73.2

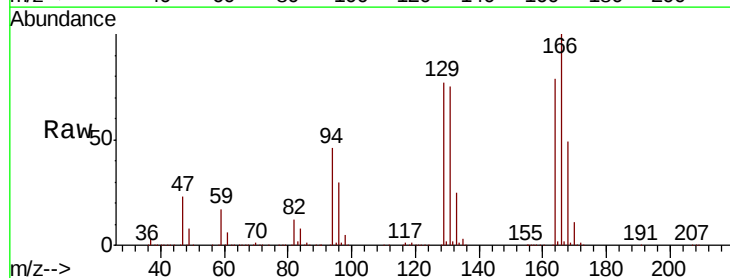


Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0



#46
Tetrachloroethene
Concen: 8979.575 ug/L
RT: 8.25 min Scan# 2381
Delta R.T. 0.02 min
Lab File: VU026432.D
Acq: 29 Aug 2018 19:24

Tgt Ion:164 Resp: 7958114
Ion Ratio Lower Upper
164 100
129 97.8 67.3 125.1
131 94.6 65.3 121.3
166 126.5 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

