

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
 Data File : VU025840.D
 Acq On : 03 Aug 2018 23:51
 Operator : MD/SY
 Sample : J4340-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F81

Quant Time: Aug 04 01:04:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	319940	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	300395	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	138924	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72672	39.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.58%
7) Chloroethane-d5	1.68	69	63535	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.34%
11) 1,1-Dichloroethene-d2	2.27	63	121134	31.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.72%
21) 2-Butanone-d5	4.18	46	137914	97.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.80%
24) Chloroform-d	4.65	84	174532	42.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.31	65	123786	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
32) Benzene-d6	5.35	84	341947	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
36) 1,2-Dichloropropane-d6	6.34	67	111414	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.76%
41) Toluene-d8	7.57	98	313988	42.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.85	79	51950	40.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.94%
47) 2-Hexanone-d5	8.31	63	96579	92.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.91%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	152140	43.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	125742	44.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.32%

Target Compounds

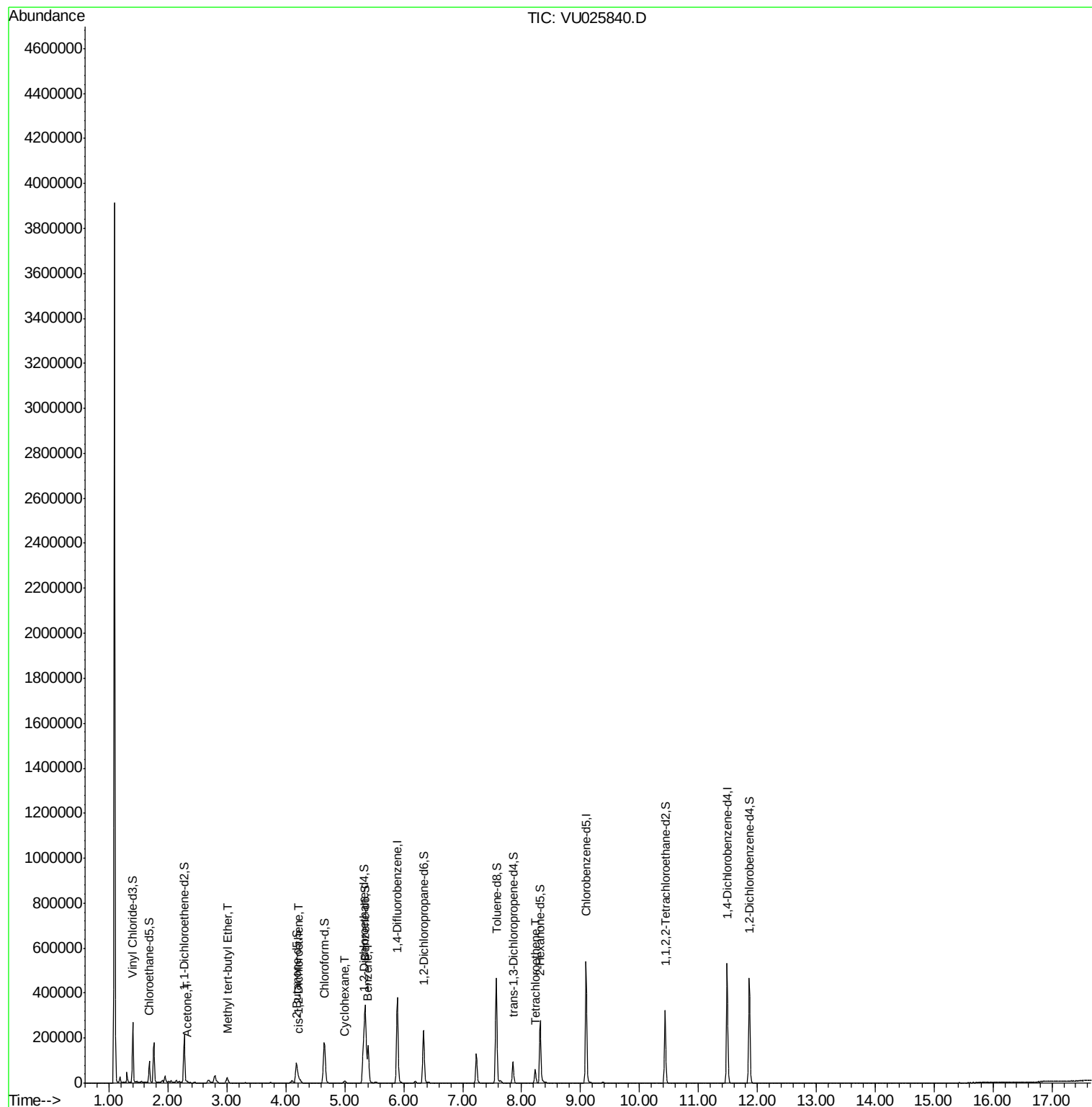
					Ovalue
13) Acetone	2.32	43	6006	3.63	ug/L 84
18) Methyl tert-butyl Ether	3.00	73	21076	3.11	ug/L # 89
20) cis-1,2-Dichloroethene	4.23	96	6728	2.87	ug/L 99
29) Cyclohexane	5.00	56	4849	1.39	ug/L 93
33) Benzene	5.39	78	160074	18.55	ug/L 100
46) Tetrachloroethene	8.23	164	13791	6.95	ug/L 97

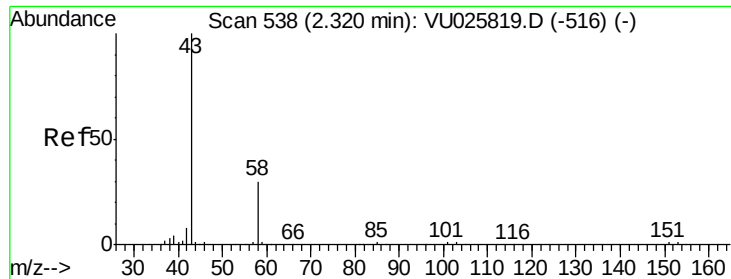
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 03 23:51:54 2018
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#13

Acetone

Concen: 3.63 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025840.D

Acq: 03 Aug 2018 23:51

Instrument :

MSVOA_U

ClientSampled :

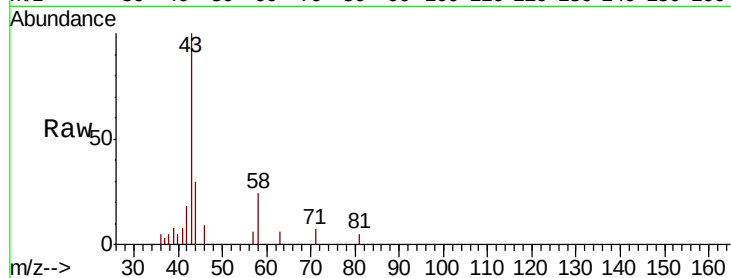
E5F81

Tot Ion: 43 Resp: 6006

Ion Ratio Lower Upper

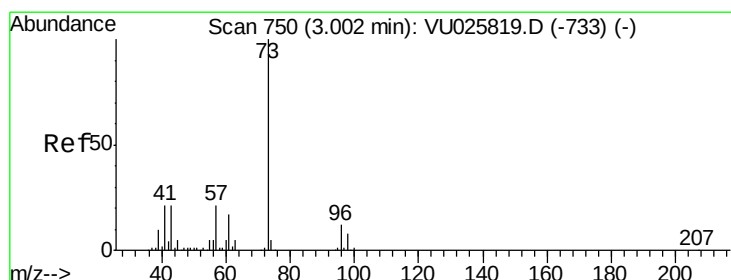
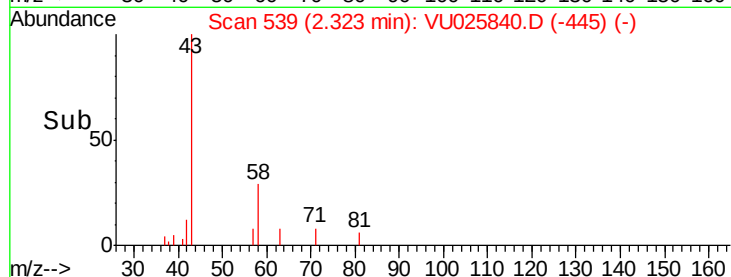
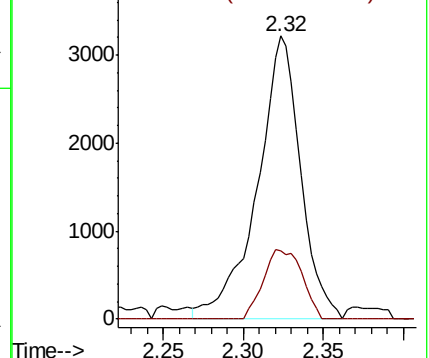
43 100

58 22.0 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl tert-butyl Ether

Concen: 3.11 ug/L

RT: 3.00 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU025840.D

Acq: 03 Aug 2018 23:51

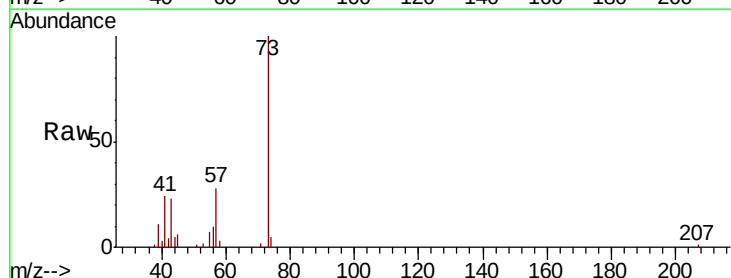
Tgt Ion: 73 Resp: 21076

Ion Ratio Lower Upper

73 100

43 23.2 16.2 24.2

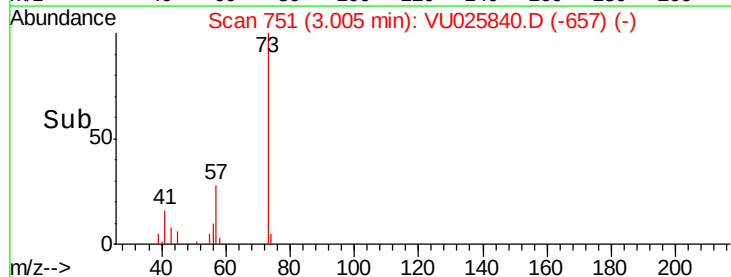
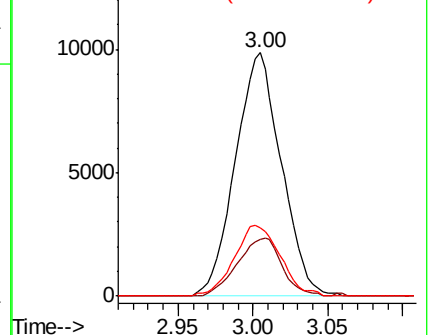
57 28.6 17.1 25.7#

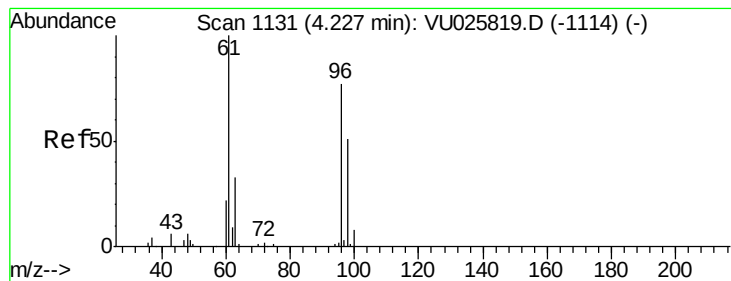


Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 2.87 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

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Acq: 03 Aug 2018 23:51

Instrument :

MSVOA_U

ClientSampleId :

E5F81

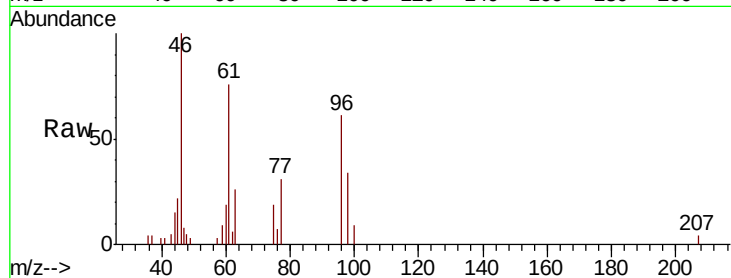
Tot Ion: 96 Resp: 6728

Ion Ratio Lower Upper

96 100

61 126.2 87.4 162.2

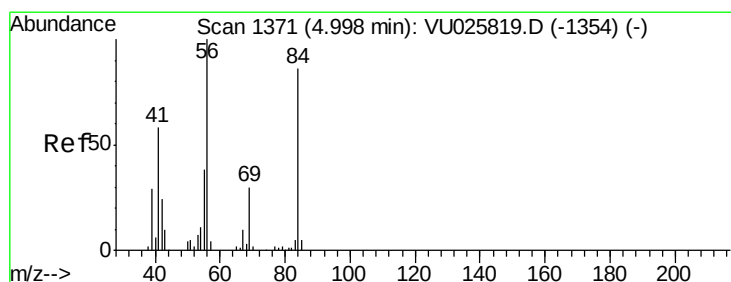
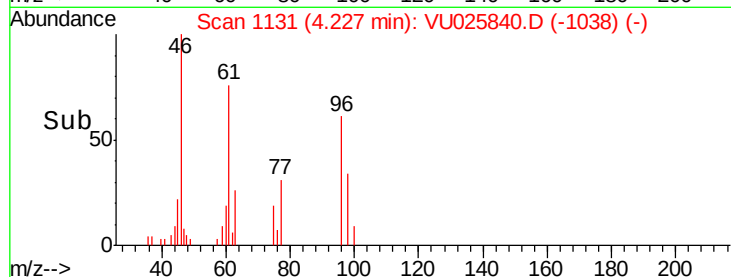
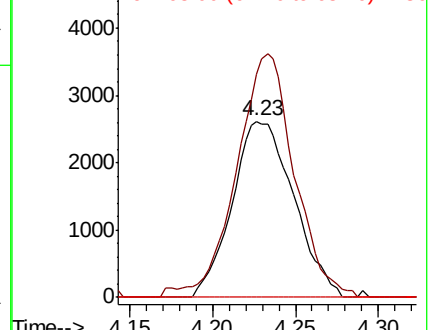
68 0.0 0.0 0.0



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



#29

Cyclohexane

Concen: 1.39 ug/L

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025840.D

Acq: 03 Aug 2018 23:51

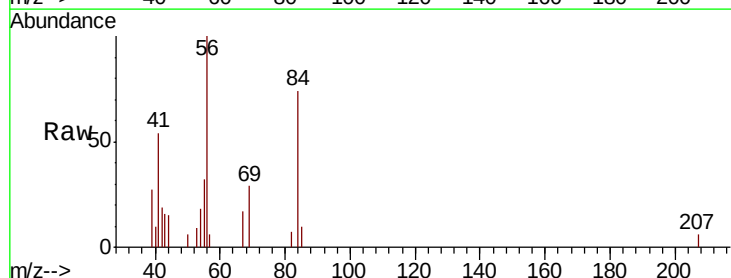
Tgt Ion: 56 Resp: 4849

Ion Ratio Lower Upper

56 100

69 30.4 24.8 37.2

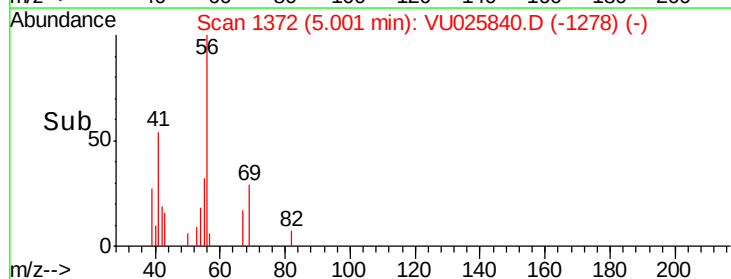
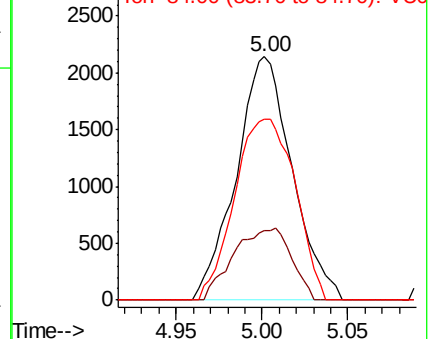
84 80.4 70.6 106.0

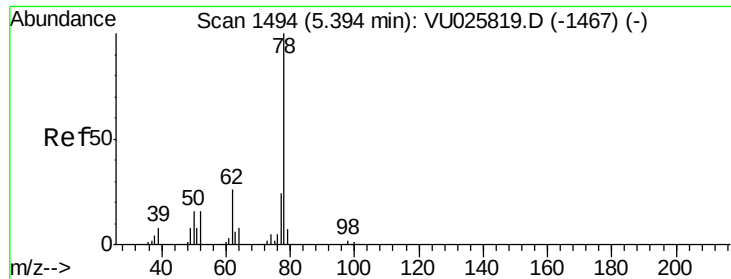


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0





#33

Benzene

Concen: 18.55 ug/L

RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VU025840.D

Acq: 03 Aug 2018 23:51

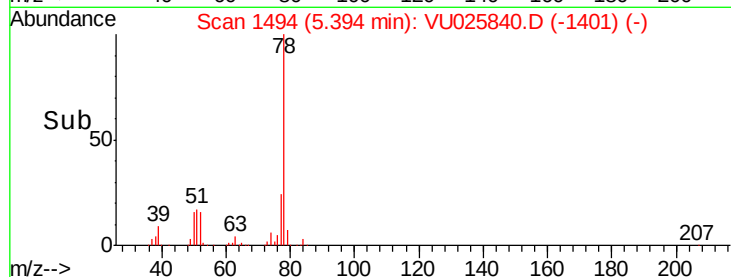
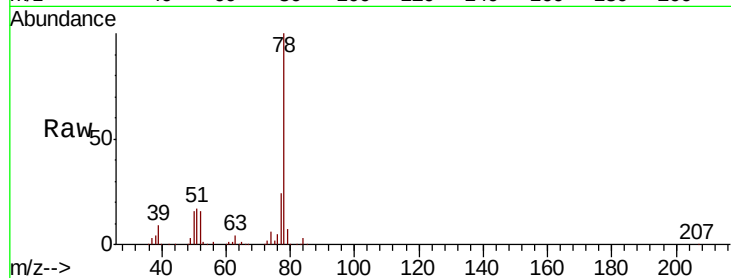
Instrument :

MSVOA_U

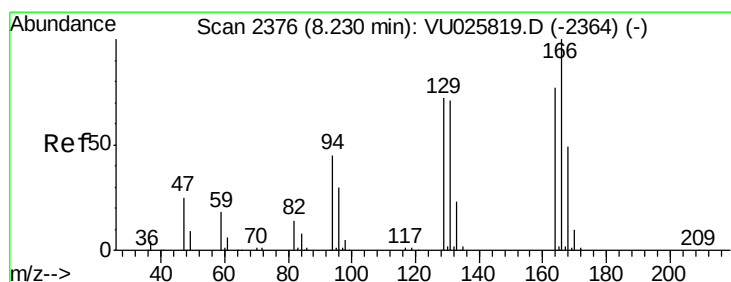
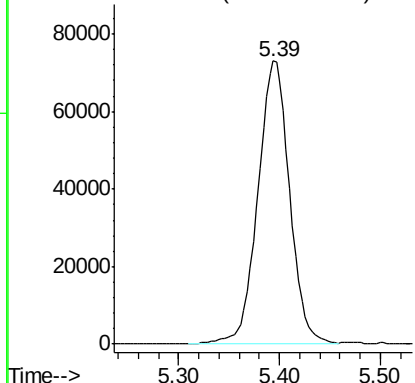
ClientSampled :

E5F81

Tgt Ion: 78 Resp: 160074



Abundance Ion 78.00 (77.70 to 78.70): VU0



#46

Tetrachloroethene

Concen: 6.95 ug/L

RT: 8.23 min Scan# 2376

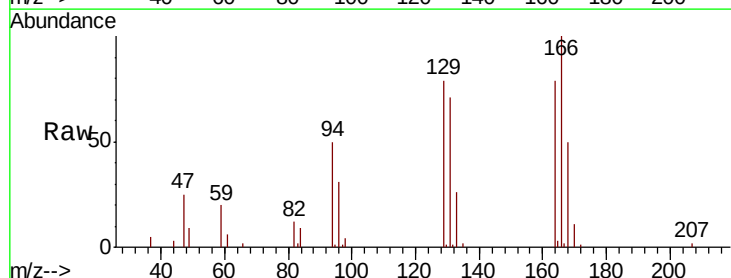
Delta R.T. -0.00 min

Lab File: VU025840.D

Acq: 03 Aug 2018 23:51

Tgt Ion:164 Resp: 13791

Ion	Ratio	Lower	Upper
164	100		
129	99.4	65.1	120.9
131	89.9	62.8	116.6
166	125.8	89.7	166.7



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

