

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\
 Data File : VU032743.D
 Acq On : 14 Jun 2019 23:49
 Operator : JC/SP
 Sample : K3383-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XK3

Quant Time: Jun 15 00:56:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 14 23:49:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	97780	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	90884	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44934	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27802	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.68	69	23835	4.39	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.27	63	43598	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.18	46	99891	56.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.60%
24) Chloroform-d	4.64	84	60846	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.30	65	34815	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.33	84	113428	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.32	67	38979	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.56	98	98872	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.85	79	15084	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.31	63	77308	51.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34187	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	41279	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

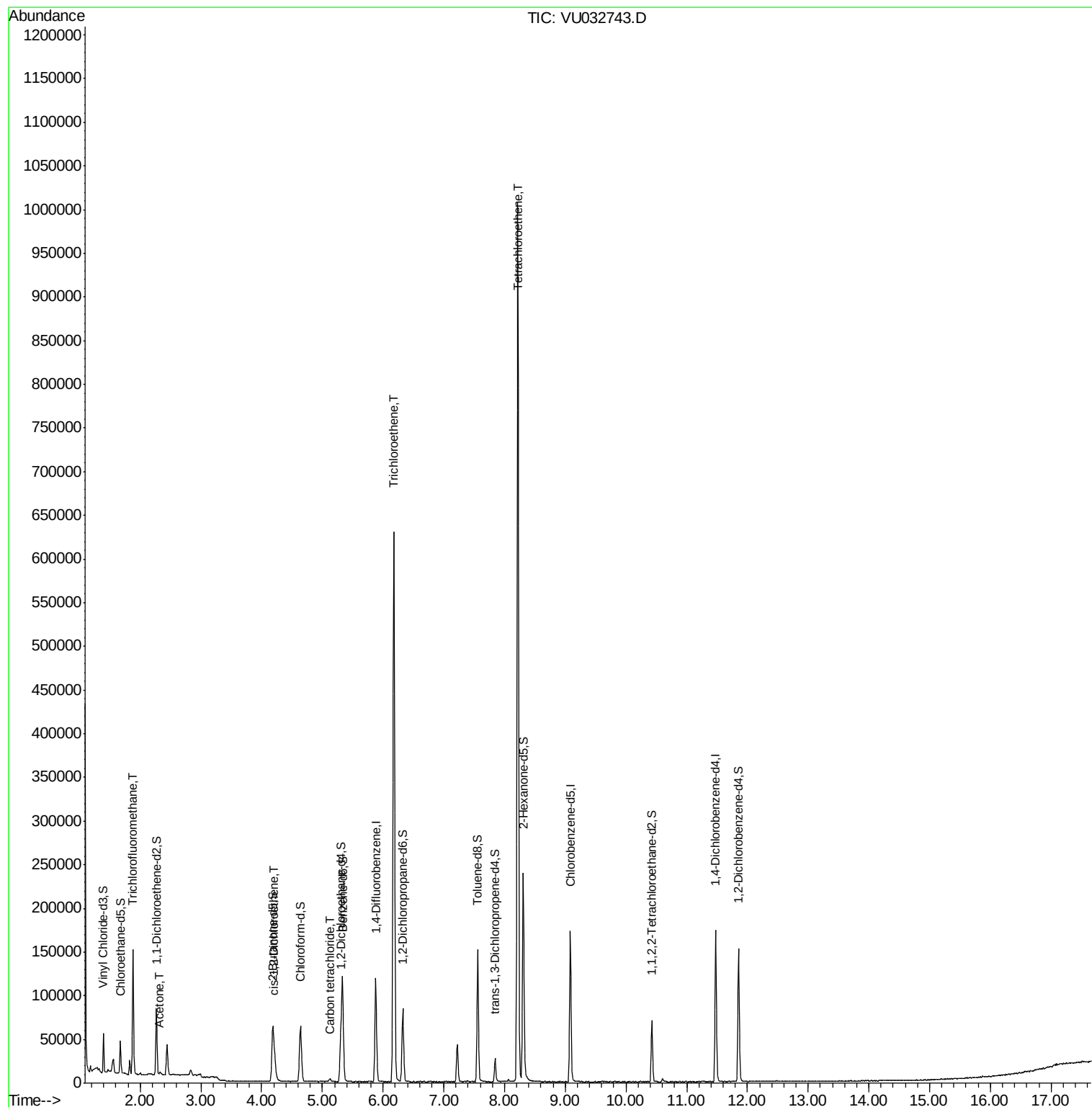
					Ovalue
9) Trichlorofluoromethane	1.88	101	84032	6.865 ug/L	99
13) Acetone	2.32	43	1925	1.398 ug/L	80
22) cis-1,2-Dichloroethene	4.21	96	7378	0.973 ug/L	90
31) Carbon tetrachloride	5.13	117	2375	0.236 ug/L	87
34) Trichloroethene	6.18	95	208321	27.028 ug/L	99
47) Tetrachloroethene	8.22	164	216541	35.701 ug/L	96

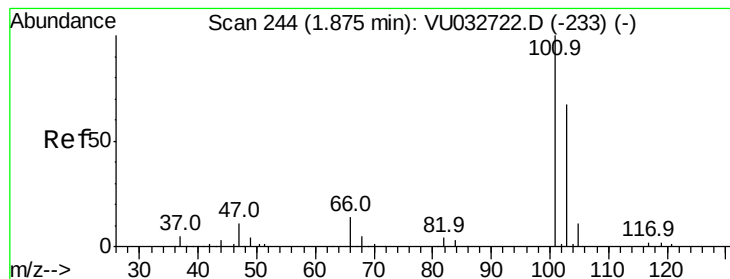
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 6.865 ug/L

RT: 1.88 min Scan# 246

Delta R.T. 0.01 min

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Acq: 14 Jun 2019 23:49

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MSVOA_U

ClientSampleId :

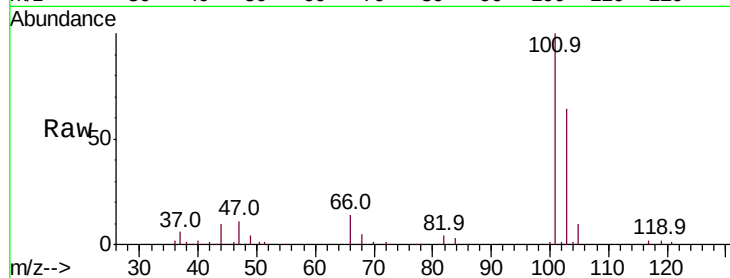
C0XK3

Tot Ion:101 Resp: 84032

Ion Ratio Lower Upper

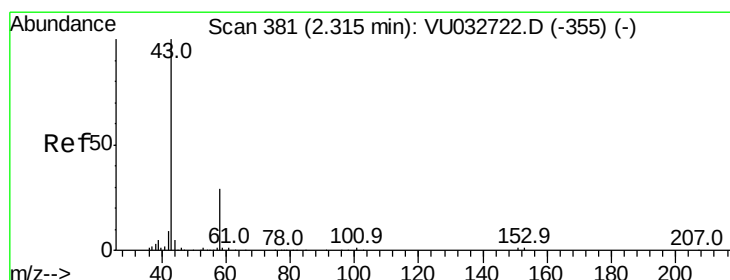
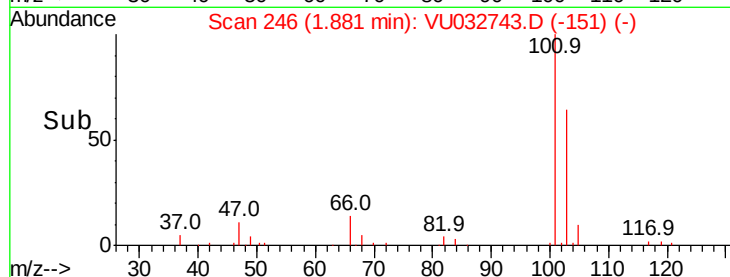
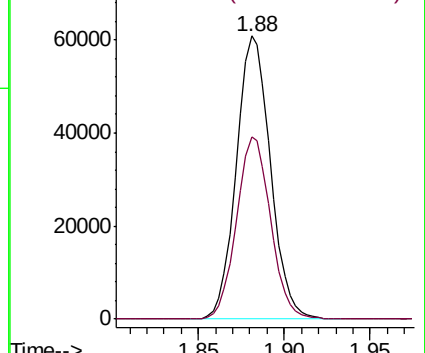
101 100

103 64.3 52.2 78.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 1.398 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032743.D

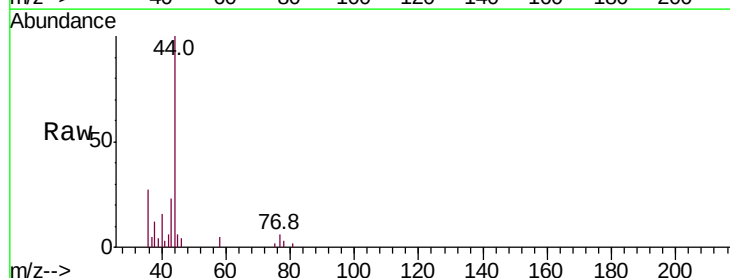
Acq: 14 Jun 2019 23:49

Tgt Ion: 43 Resp: 1925

Ion Ratio Lower Upper

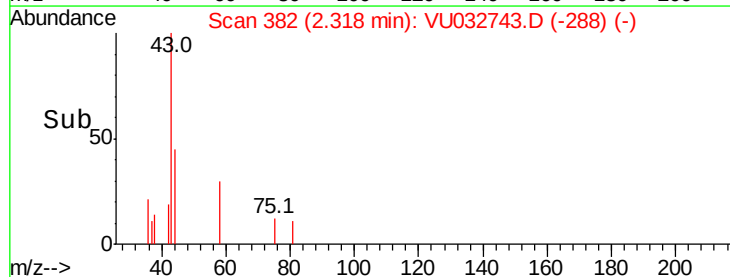
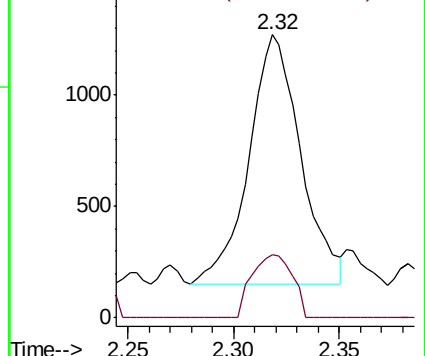
43 100

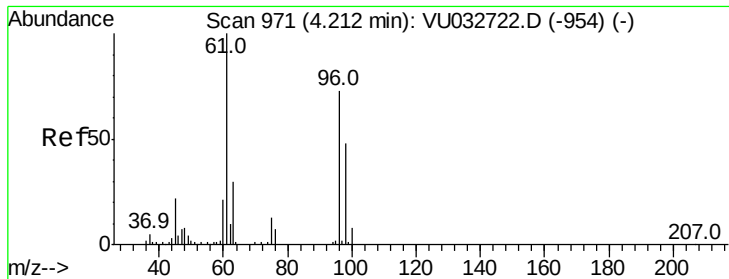
58 19.7 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



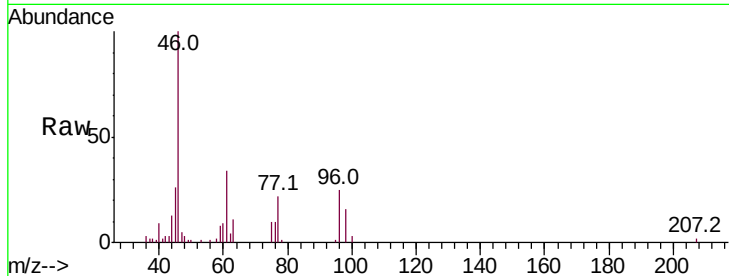


#22

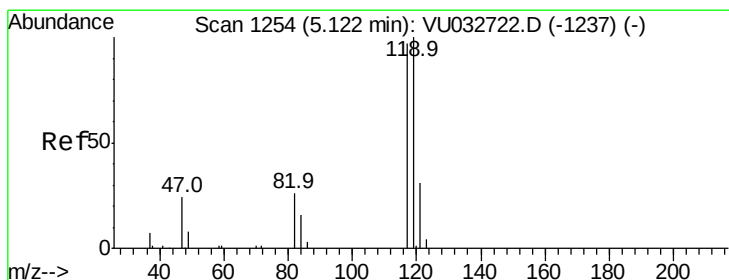
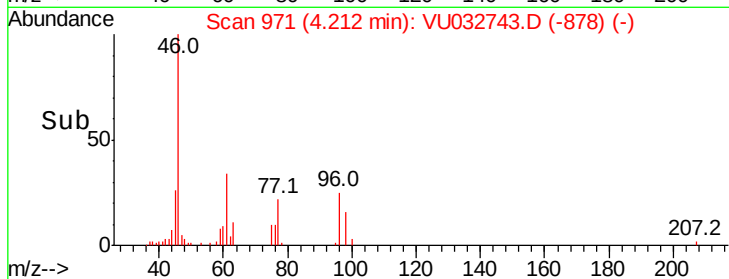
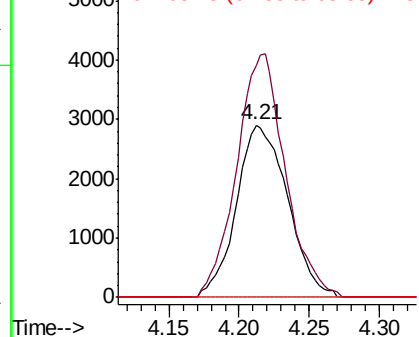
cis-1,2-Dichloroethene
 Concen: 0.973 ug/L
 RT: 4.21 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: VU032743.D
 Acq: 14 Jun 2019 23:49

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XK3

Tot Ion: 96 Resp: 7378
 Ion Ratio Lower Upper
 96 100
 61 134.8 86.6 160.8
 68 0.0 0.0 0.0



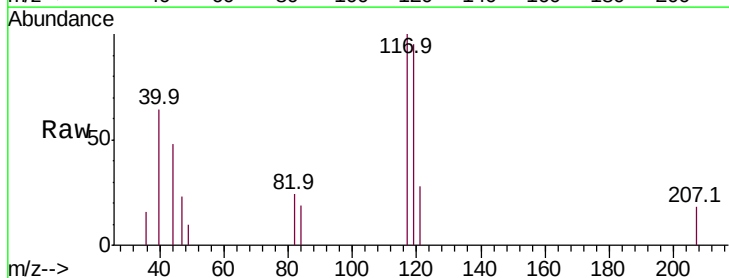
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



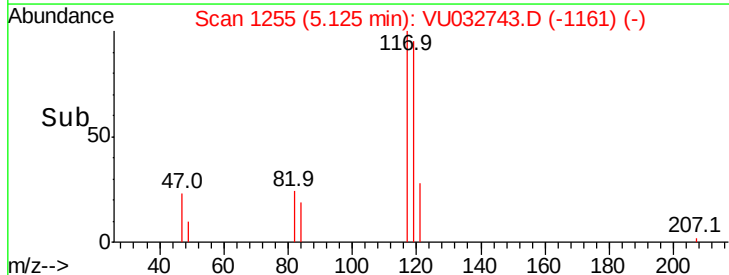
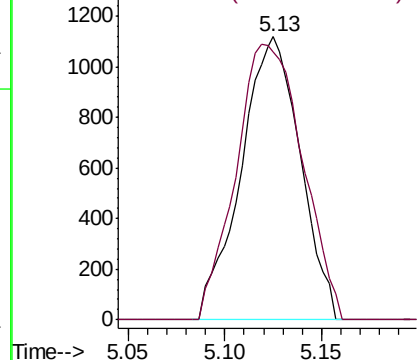
#31

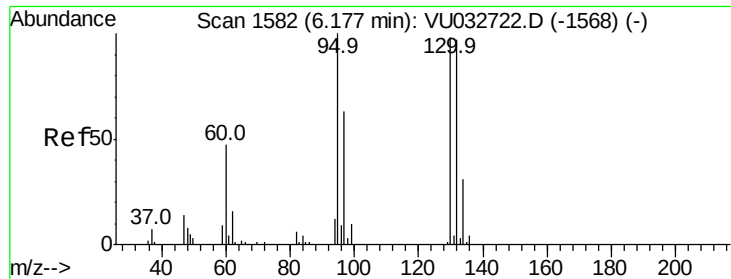
Carbon tetrachloride
 Concen: 0.236 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: VU032743.D
 Acq: 14 Jun 2019 23:49

Tgt Ion: 117 Resp: 2375
 Ion Ratio Lower Upper
 117 100
 119 109.8 77.8 116.6



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V





#34

Trichloroethene

Concen: 27.028 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032743.D

Acq: 14 Jun 2019 23:49

Instrument :

MSVOA_U

ClientSampleId :

C0XK3

Tot Ion: 95 Resp: 208321

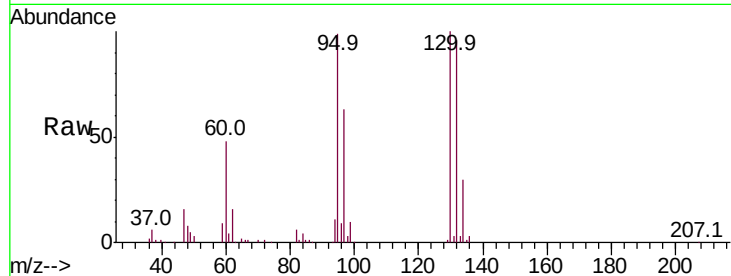
Ion Ratio Lower Upper

95 100

97 63.5 44.1 81.9

132 97.0 68.8 127.8

130 100.5 71.0 131.8

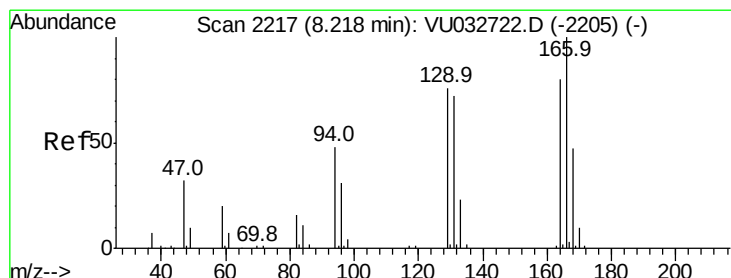
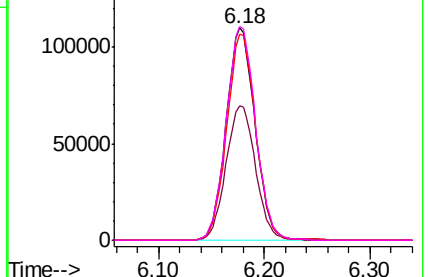
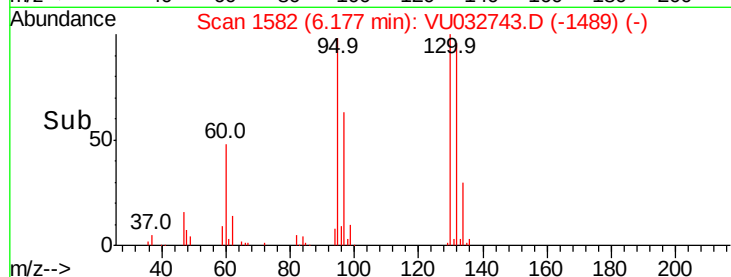


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 35.701 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032743.D

Acq: 14 Jun 2019 23:49

Tgt Ion:164 Resp: 216541

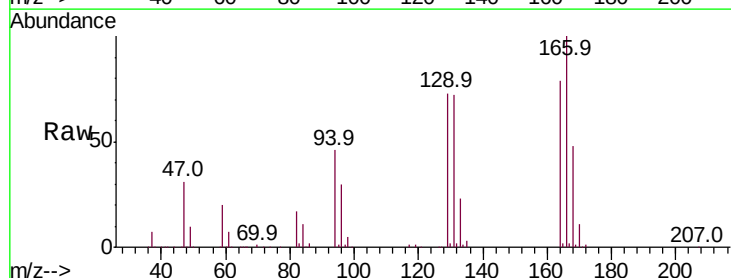
Ion Ratio Lower Upper

164 100

129 92.4 66.1 122.7

131 91.0 65.6 121.8

166 127.1 93.2 173.2



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

