

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061819\
 Data File : VU032834.D
 Acq On : 18 Jun 2019 19:25
 Operator : JC/SP
 Sample : K3324-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JW1

Quant Time: Jun 19 05:43:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 04:35:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	230386	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	222744	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113651	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65727	41.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.50%
7) Chloroethane-d5	1.68	69	56920	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.66%
11) 1,1-Dichloroethene-d2	2.27	63	106140	33.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.92%
21) 2-Butanone-d5	4.17	46	142302	108.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.59%
24) Chloroform-d	4.64	84	142221	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	5.30	65	98976	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
32) Benzene-d6	5.33	84	279021	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
36) 1,2-Dichloropropane-d6	6.32	67	90837	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.22%
41) Toluene-d8	7.56	98	260252	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%
43) trans-1,3-Dichloropropene-	7.85	79	44385	46.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.26%
47) 2-Hexanone-d5	8.31	63	97326	112.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	135751	47.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.94%
64) 1,2-Dichlorobenzene-d4	11.85	152	105780	48.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

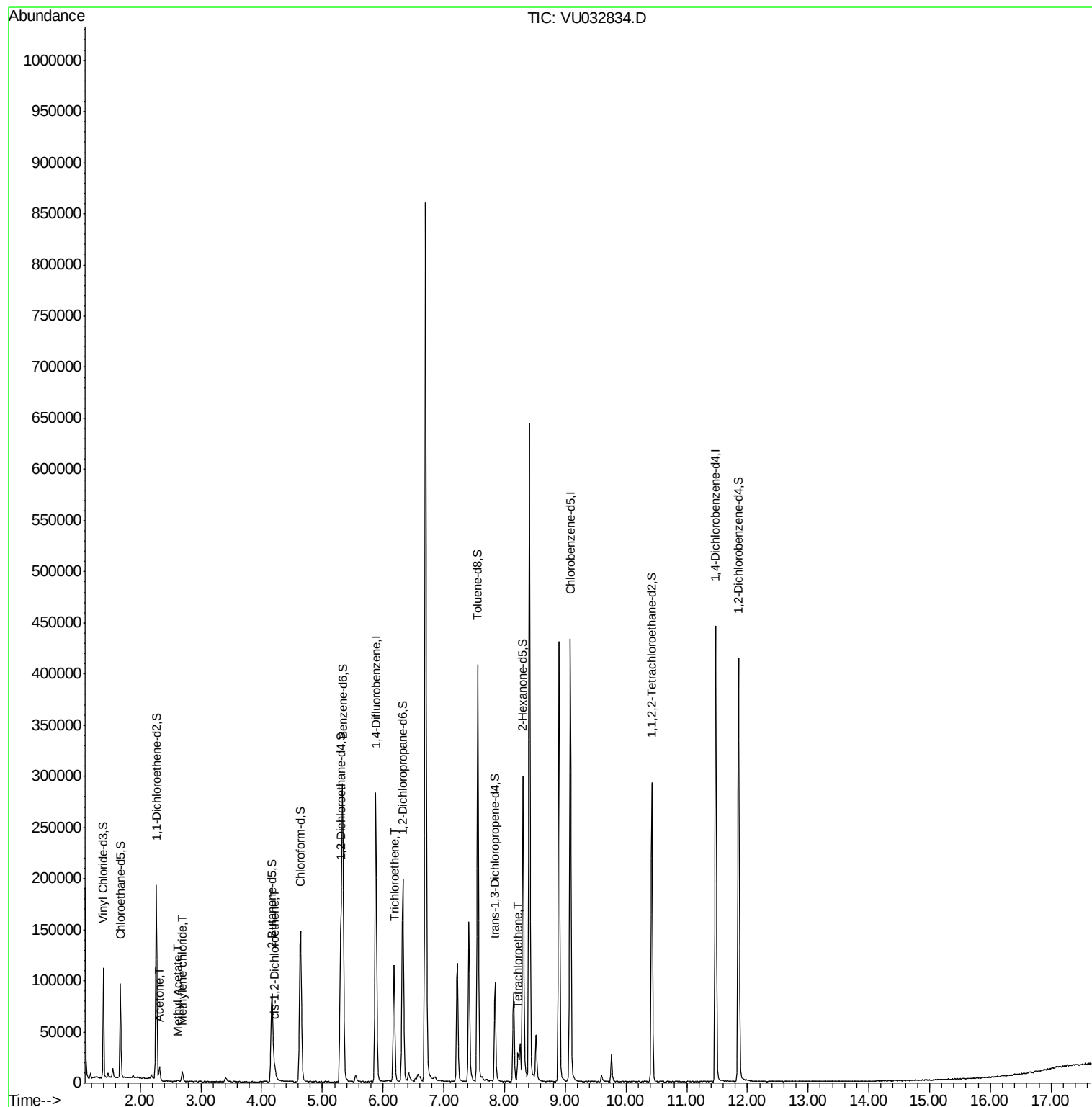
					Ovalue
13) Acetone	2.32	43	12625	6.975	ug/L 97
15) Methyl Acetate	2.62	43	1853	0.903	ug/L # 78
16) Methylene chloride	2.69	84	4264	2.505	ug/L 95
20) cis-1,2-Dichloroethene	4.22	96	3493	2.038	ug/L 99
34) Trichloroethene	6.18	95	37146	21.666	ug/L 97
46) Tetrachloroethene	8.22	164	4414	3.142	ug/L 90

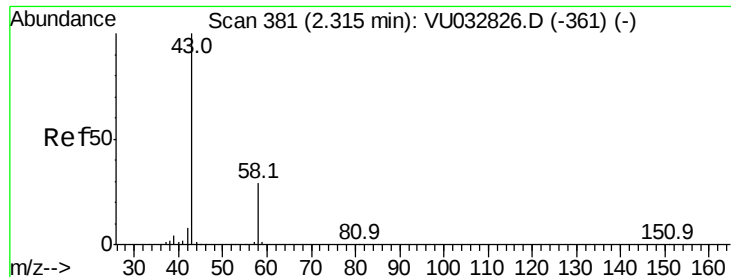
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 6.975 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032834.D

Acq: 18 Jun 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

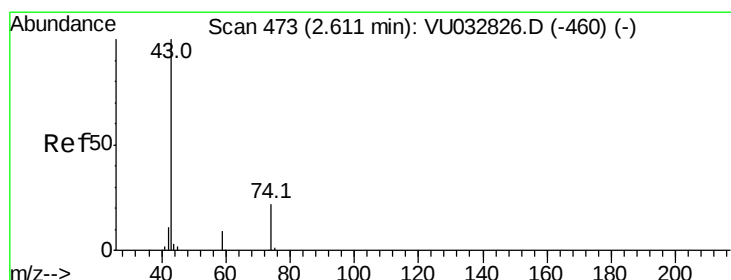
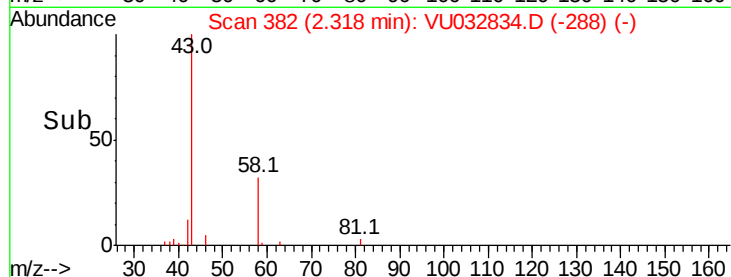
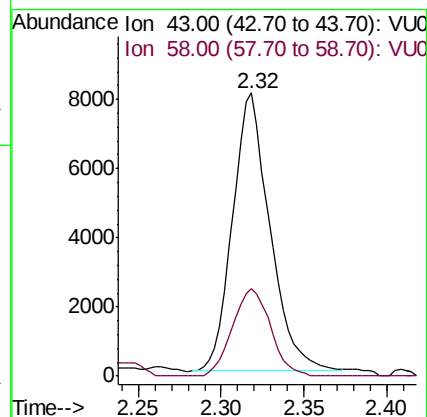
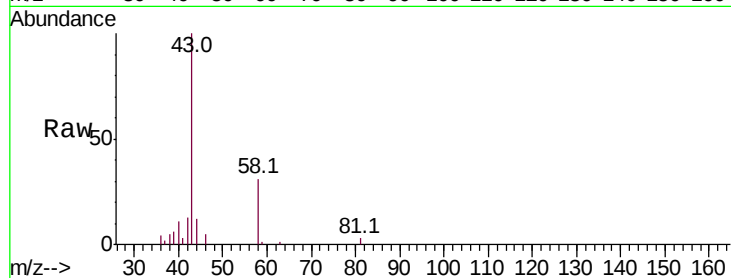
C0JW1

Tot Ion: 43 Resp: 12625

Ion Ratio Lower Upper

43 100

58 31.9 0.0 60.6



#15

Methyl Acetate

Concen: 0.903 ug/L

RT: 2.62 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU032834.D

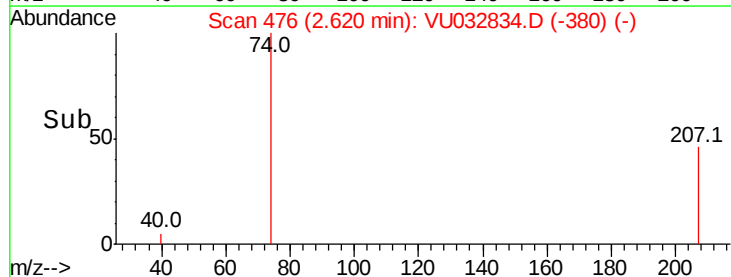
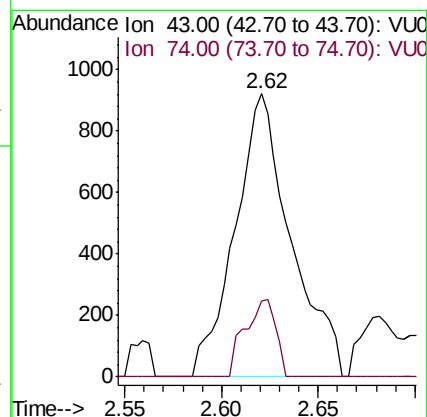
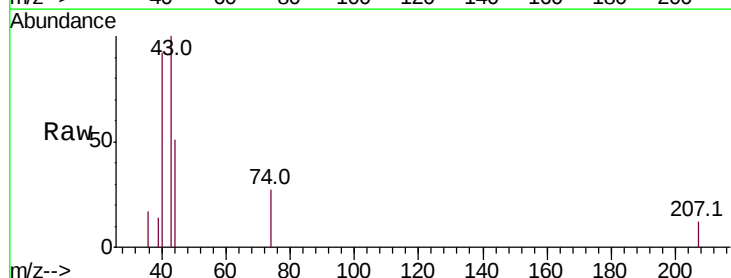
Acq: 18 Jun 2019 19:25

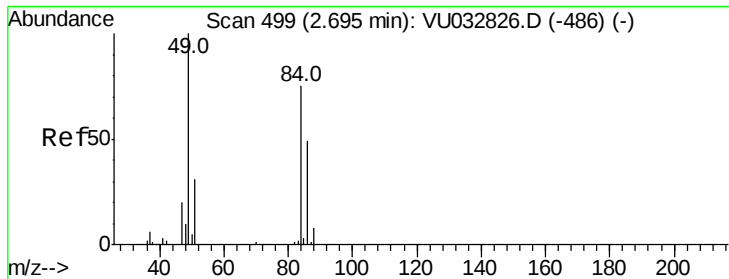
Tgt Ion: 43 Resp: 1853

Ion Ratio Lower Upper

43 100

74 12.0 18.1 27.1#

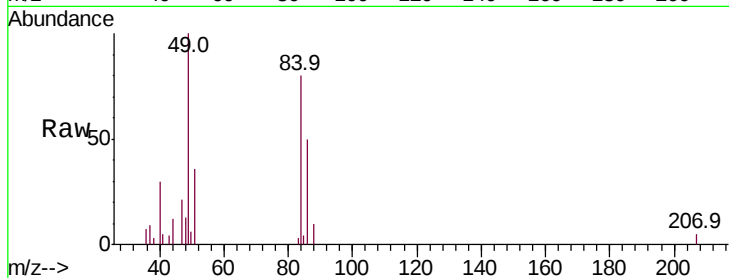




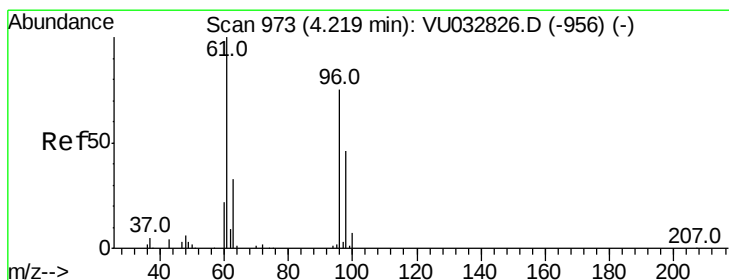
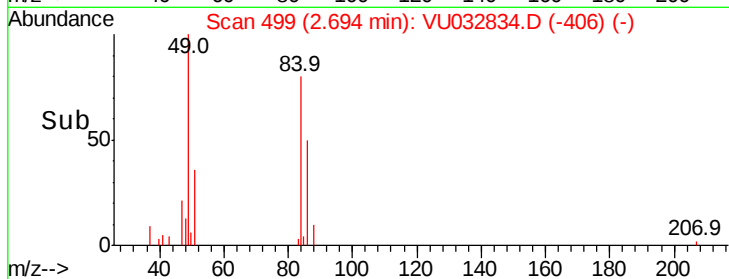
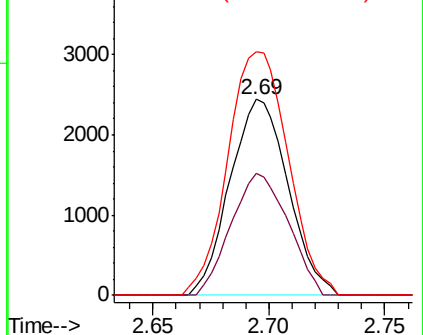
#16
Methvlene chloride
Concen: 2.505 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU032834.D
Acq: 18 Jun 2019 19:25

Instrument :
MSVOA_U
ClientSampleId :
C0JW1

Tot Ion: 84 Resp: 4264
Ion Ratio Lower Upper
84 100
86 62.7 45.5 84.5
49 124.4 92.1 171.1

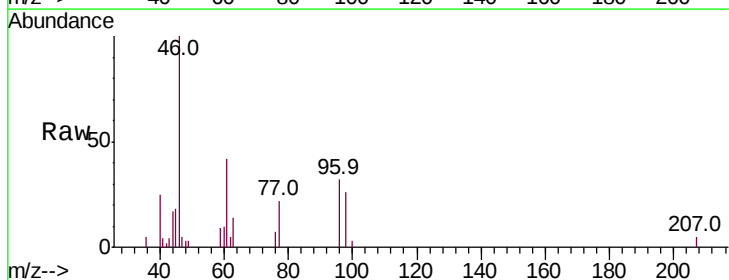


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

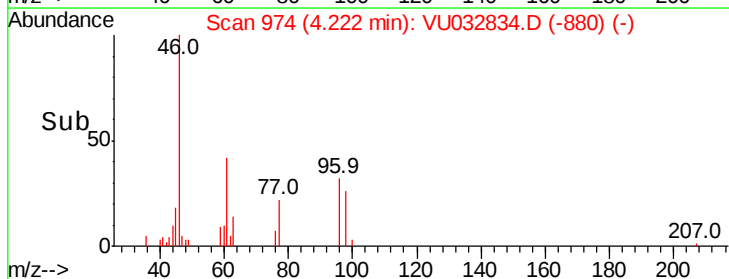
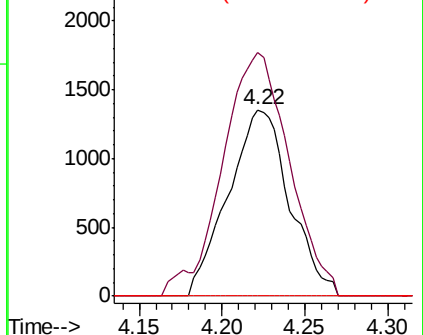


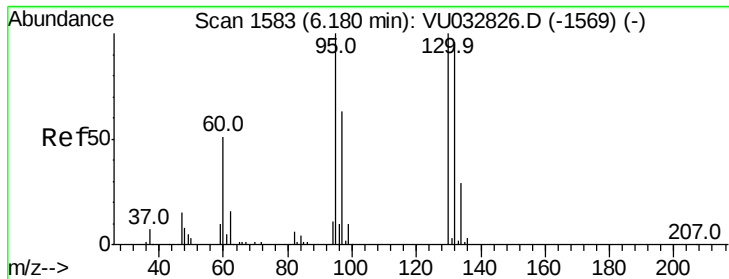
#20
cis-1,2-Dichloroethene
Concen: 2.038 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU032834.D
Acq: 18 Jun 2019 19:25

Tgt Ion: 96 Resp: 3493
Ion Ratio Lower Upper
96 100
61 130.5 92.4 171.6
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: 21.666 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032834.D

Acq: 18 Jun 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

C0JW1

Tot Ion: 95 Resp: 37146

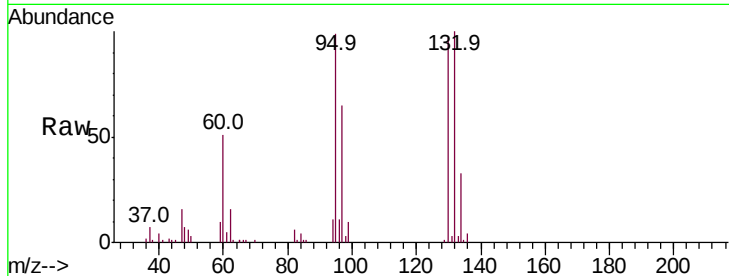
Ion Ratio Lower Upper

95 100

97 66.0 45.9 85.3

132 101.2 68.5 127.3

130 98.0 70.8 131.4

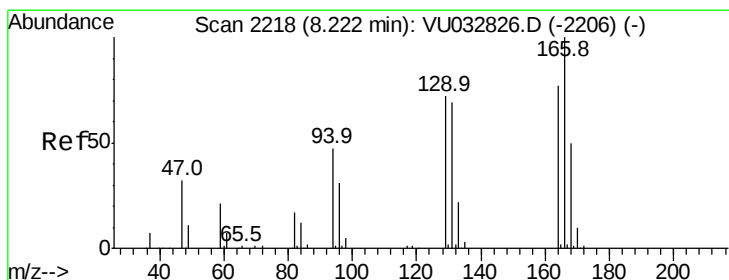
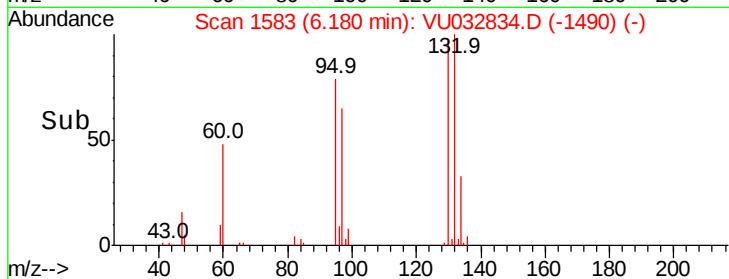
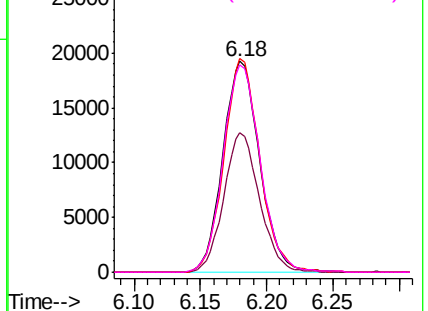


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 3.142 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032834.D

Acq: 18 Jun 2019 19:25

Tgt Ion:164 Resp: 4414

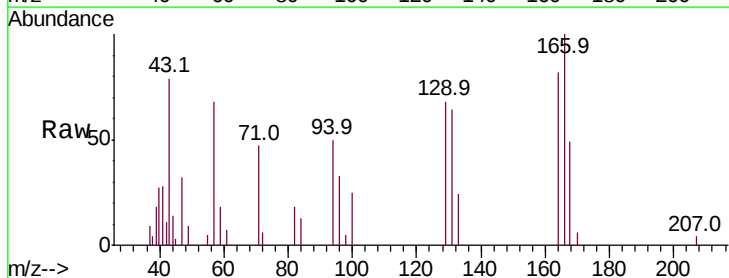
Ion Ratio Lower Upper

164 100

129 82.9 64.8 120.3

131 78.4 64.5 119.7

166 122.5 91.3 169.6



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

