

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051419\
 Data File : VU032009.D
 Acq On : 14 May 2019 20:58
 Operator : JC/SP
 Sample : K2738-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB896

Quant Time: May 15 05:46:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 15 04:26:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1094317	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1076039	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	409317	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	400816	41.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.48%
7) Chloroethane-d5	1.68	69	342843	44.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.27	63	559107	32.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.96%
21) 2-Butanone-d5	4.17	46	604785	89.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.94%
24) Chloroform-d	4.64	84	705227	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.74%
26) 1,2-Dichloroethane-d4	5.30	65	470747	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.00%
32) Benzene-d6	5.34	84	1511304	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
36) 1,2-Dichloropropane-d6	6.32	67	501324	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.56%
41) Toluene-d8	7.56	98	1279174	45.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.66%
43) trans-1,3-Dichloropropene-	7.85	79	200365	44.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.38%
47) 2-Hexanone-d5	8.31	63	397837	95.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	689187	45.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	441454	51.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.52%

Target Compounds

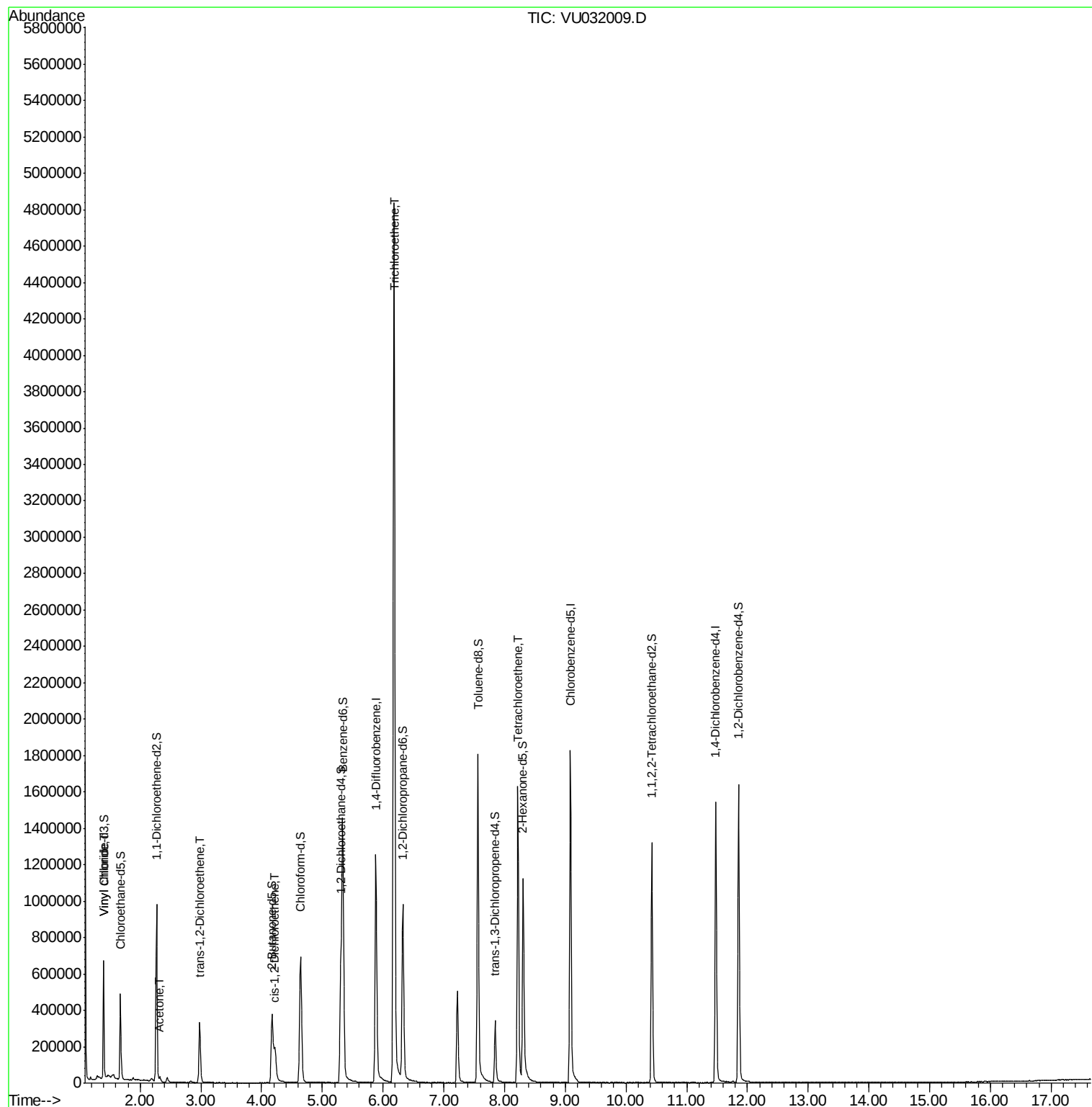
					Ovalue
5) Vinyl chloride	1.40	62	20717	1.758	ug/L # 1
13) Acetone	2.32	43	25359	3.668	ug/L 99
17) trans-1,2-Dichloroethene	2.98	96	134152	15.956	ug/L 98
20) cis-1,2-Dichloroethene	4.22	96	88388	9.504	ug/L 98
34) Trichloroethene	6.18	95	1790125	205.081	ug/L 99
46) Tetrachloroethene	8.22	164	368126	59.734	ug/L 97

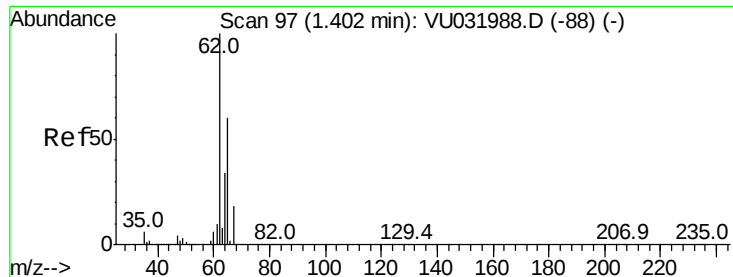
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.758 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU032009.D

Acq: 14 May 2019 20:58

Instrument :

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ClientSampleId :

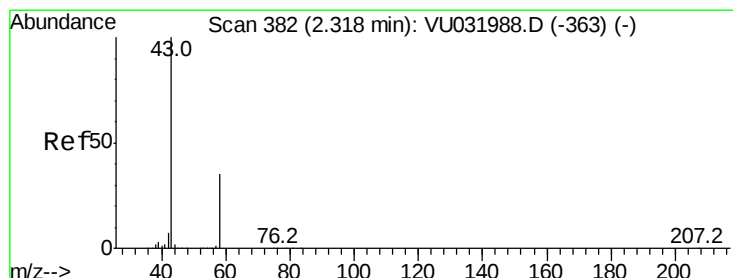
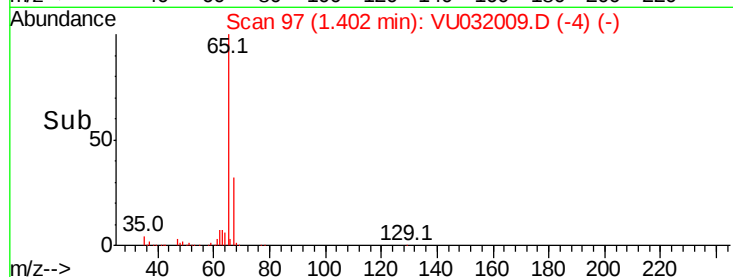
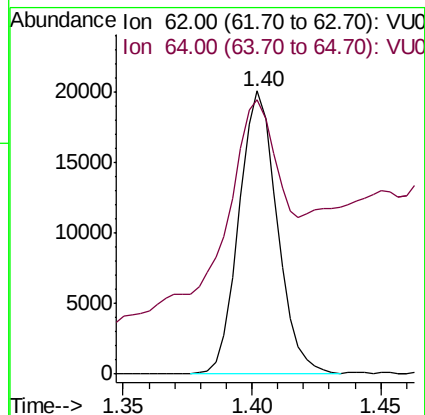
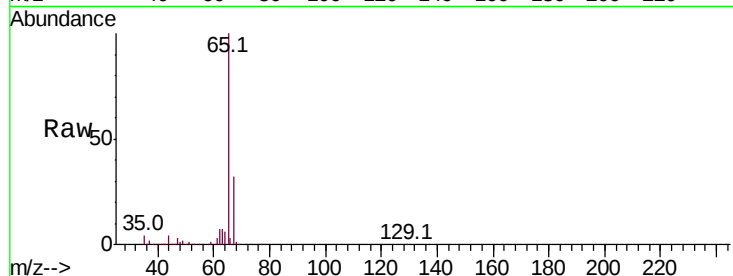
DB896

Tot Ion: 62 Resp: 20717

Ion Ratio Lower Upper

62 100

64 96.7 23.6 43.8#



#13

Acetone

Concen: 3.668 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032009.D

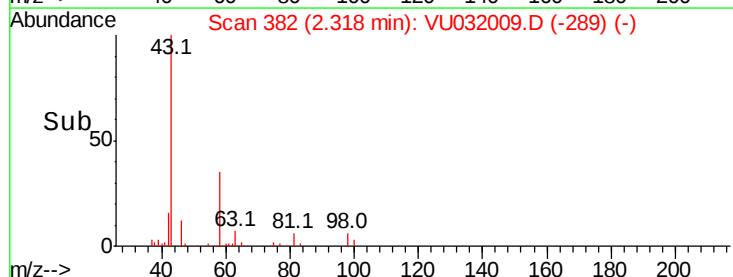
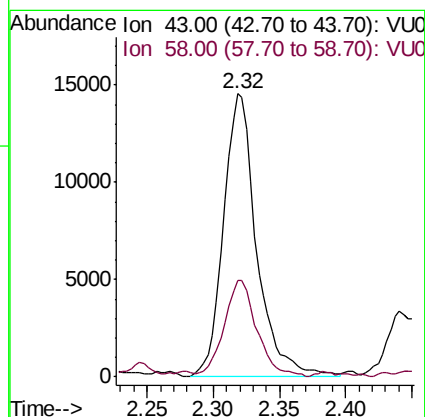
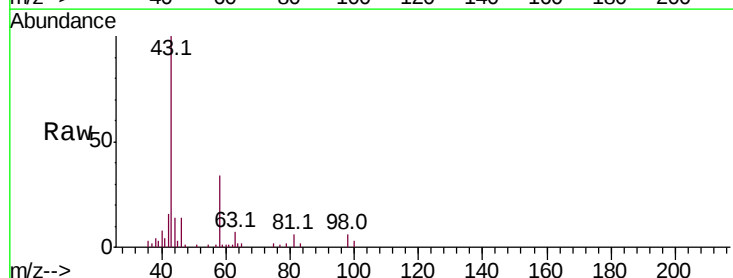
Acq: 14 May 2019 20:58

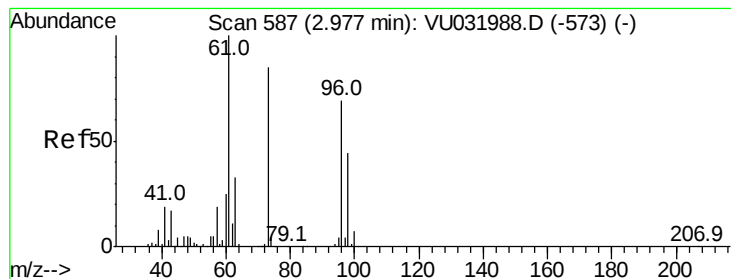
Tgt Ion: 43 Resp: 25359

Ion Ratio Lower Upper

43 100

58 33.7 0.0 68.2





#17

trans-1,2-Dichloroethene

Concen: 15.956 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU032009.D

Acq: 14 May 2019 20:58

Instrument :

MSVOA_U

ClientSampleId :

DB896

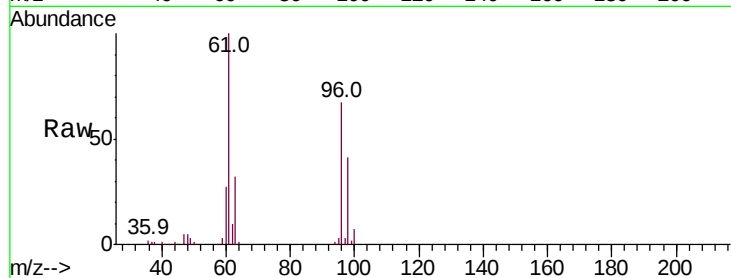
Tot Ion: 96 Resp: 134152

Ion Ratio Lower Upper

96 100

61 148.2 103.2 191.6

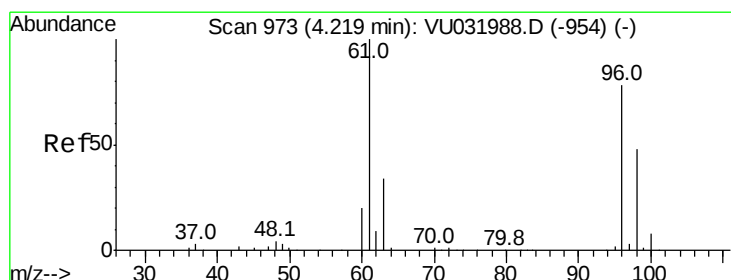
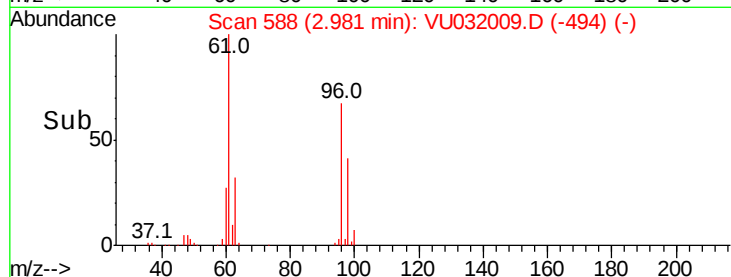
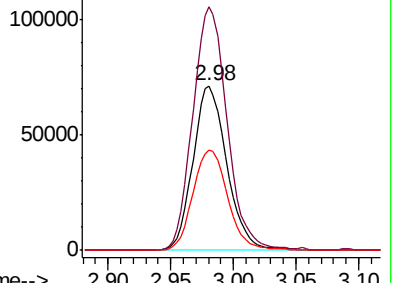
98 61.1 45.7 84.9



Abundance Ion 96.00 (95.70 to 96.70): VU031988.D (-573) (-)

Ion 61.00 (60.70 to 61.70): VU031988.D (-573) (-)

Ion 98.00 (97.70 to 98.70): VU031988.D (-573) (-)



#20

cis-1,2-Dichloroethene

Concen: 9.504 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU032009.D

Acq: 14 May 2019 20:58

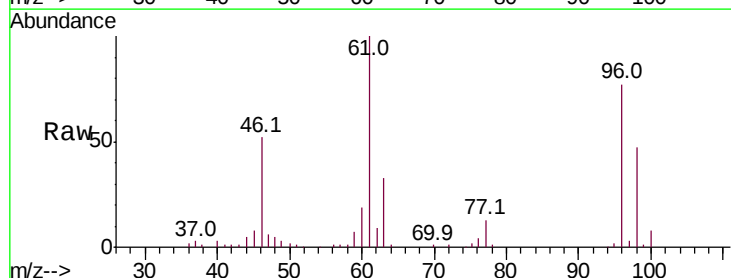
Tgt Ion: 96 Resp: 88388

Ion Ratio Lower Upper

96 100

61 130.5 93.0 172.8

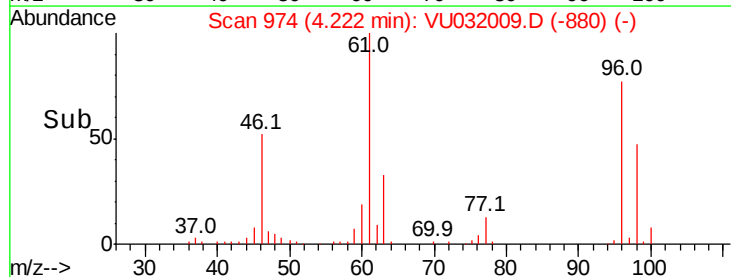
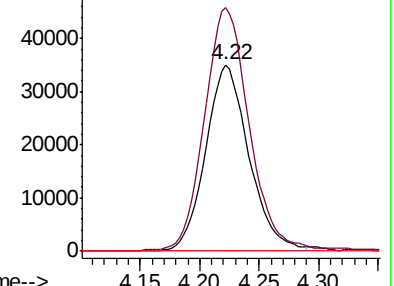
68 0.0 0.0 0.0

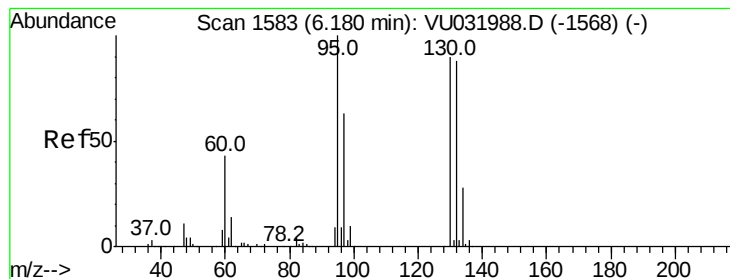


Abundance Ion 96.00 (95.70 to 96.70): VU031988.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU031988.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU031988.D (-954) (-)





#34

Trichloroethene

Concen: 205.081 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032009.D

Acq: 14 May 2019 20:58

Instrument :

MSVOA_U

ClientSampled :

DB896

Tot Ion: 95 Resp: 1790125

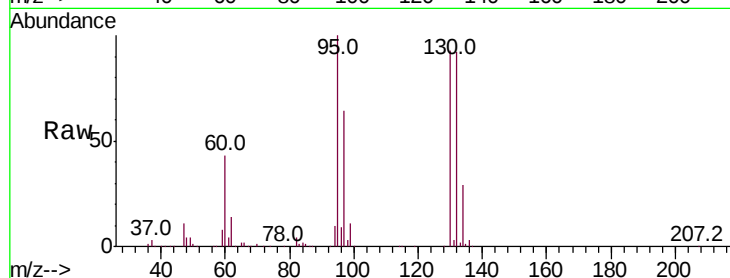
Ion Ratio Lower Upper

95 100

97 64.2 44.9 83.3

132 91.9 63.5 117.9

130 93.4 66.2 123.0

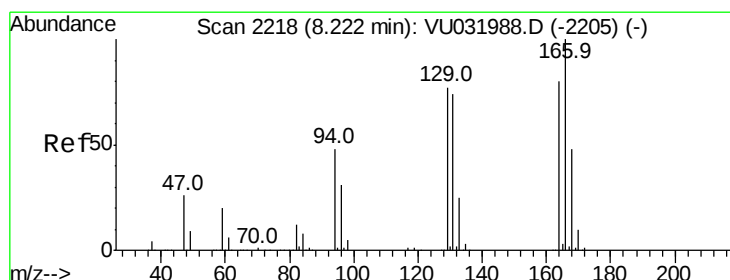
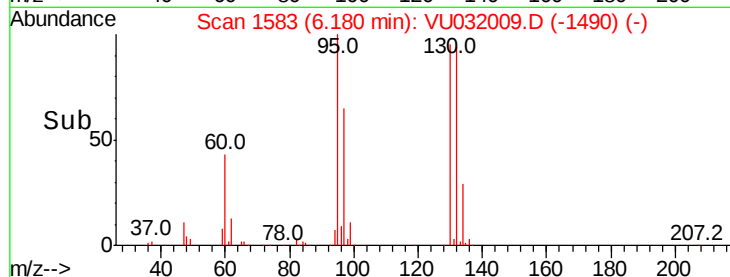
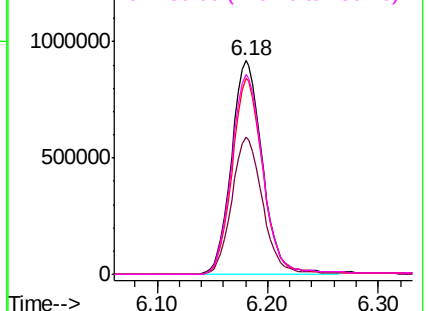


Abundance Ion 95.00 (94.70 to 95.70): VU031988.D (-1568) (-)

Ion 97.00 (96.70 to 97.70): VU031988.D (-1568) (-)

Ion 132.00 (131.70 to 132.70): VU031988.D (-1568) (-)

Ion 130.00 (129.70 to 130.70): VU031988.D (-1568) (-)



#46

Tetrachloroethene

Concen: 59.734 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032009.D

Acq: 14 May 2019 20:58

Tgt Ion: 164 Resp: 368126

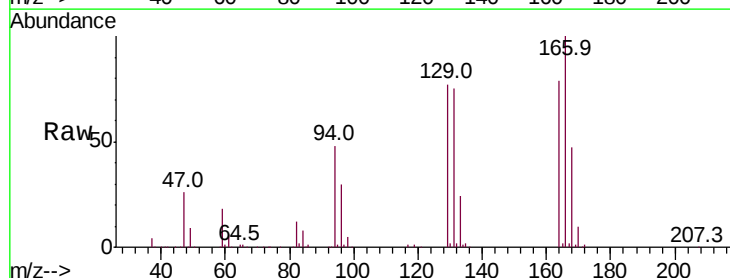
Ion Ratio Lower Upper

164 100

129 97.7 70.9 131.7

131 94.4 67.4 125.2

166 126.2 90.2 167.4



Abundance Ion 164.00 (163.70 to 164.70): VU031988.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU031988.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU031988.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU031988.D (-2205) (-)

