

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
 Data File : VU032034.D
 Acq On : 15 May 2019 16:09
 Operator : JC/SP
 Sample : K2738-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB896

Quant Time: May 16 06:40:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 16 04:24:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1087627	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1071409	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	411340	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	358245	37.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.08%
7) Chloroethane-d5	1.67	69	307175	39.75	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.50%
11) 1,1-Dichloroethene-d2	2.27	63	522099	30.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.04%
21) 2-Butanone-d5	4.17	46	612568	91.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.66%
24) Chloroform-d	4.64	84	668635	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.70%
26) 1,2-Dichloroethane-d4	5.31	65	442802	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.02%
32) Benzene-d6	5.33	84	1433851	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
36) 1,2-Dichloropropane-d6	6.32	67	478731	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.56%
41) Toluene-d8	7.56	98	1228784	44.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.44%
43) trans-1,3-Dichloropropene-	7.85	79	195000	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.38%
47) 2-Hexanone-d5	8.31	63	399718	96.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	661249	43.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.32%
64) 1,2-Dichlorobenzene-d4	11.85	152	423793	48.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.92%

Target Compounds

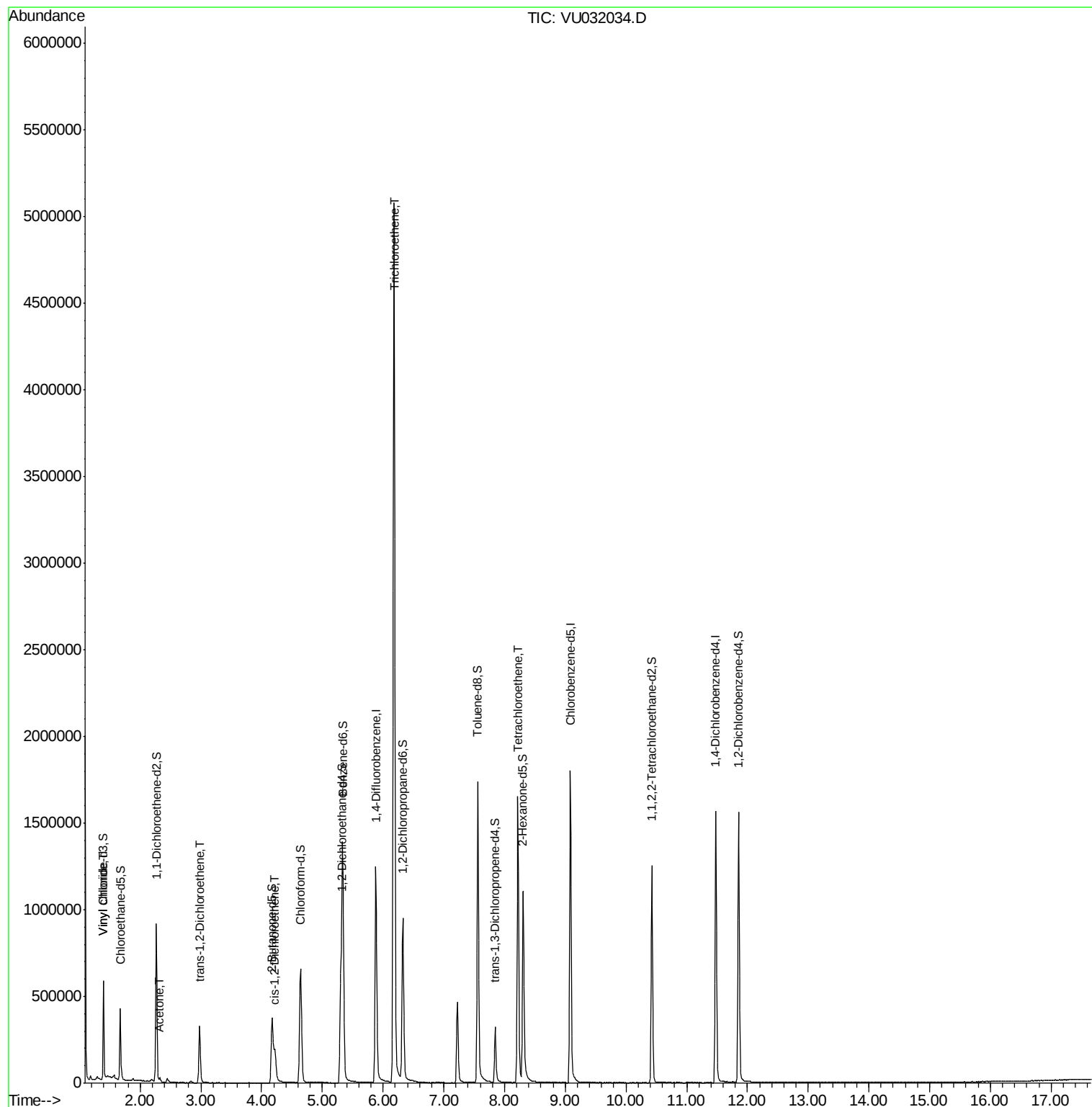
					Ovalue
5) Vinyl chloride	1.40	62	19438	1.659 ug/L	# 5
13) Acetone	2.32	43	21425	3.118 ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	133015	15.918 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	84654	9.159 ug/L	98
34) Trichloroethene	6.18	95	1861222	214.148 ug/L	100
46) Tetrachloroethene	8.22	164	382479	62.331 ug/L	98

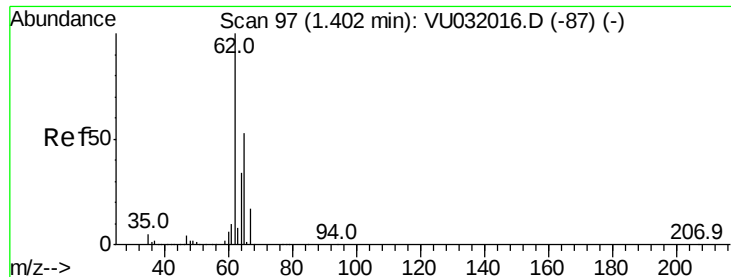
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032034.D
Acq On : 15 May 2019 16:09
Operator : JC/SP
Sample : K2738-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB896

Quant Time: May 16 06:40:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.659 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU032034.D

Acq: 15 May 2019 16:09

Instrument :

MSVOA_U

ClientSampleID :

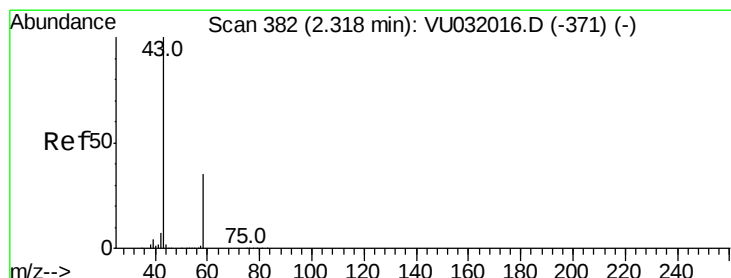
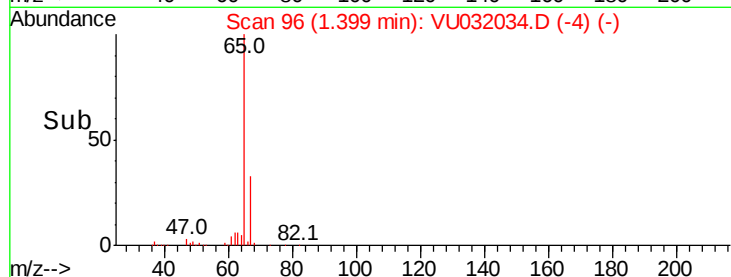
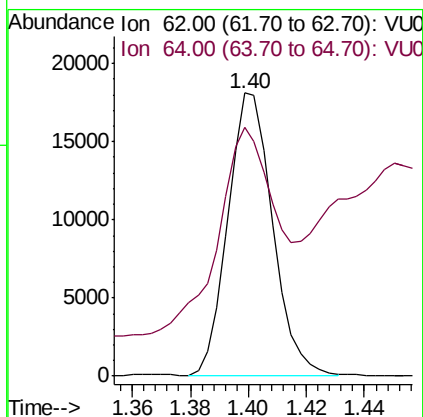
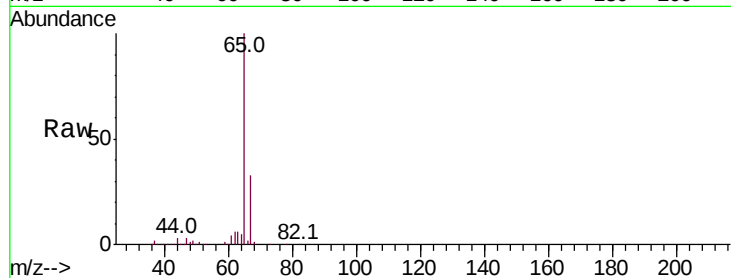
DB896

Tot Ion: 62 Resp: 19438

Ion Ratio Lower Upper

62 100

64 87.8 23.6 43.8#



#13

Acetone

Concen: 3.118 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032034.D

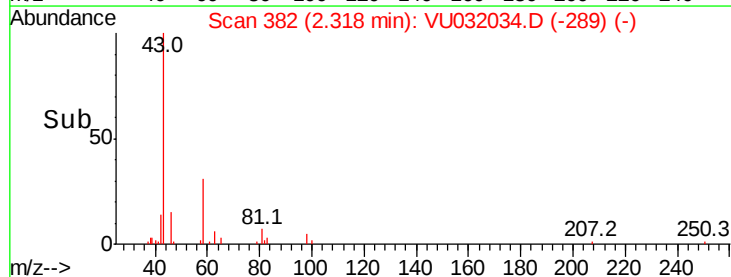
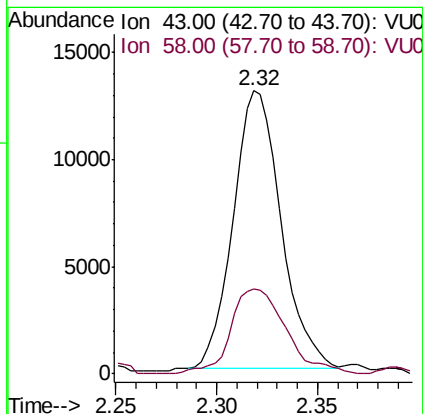
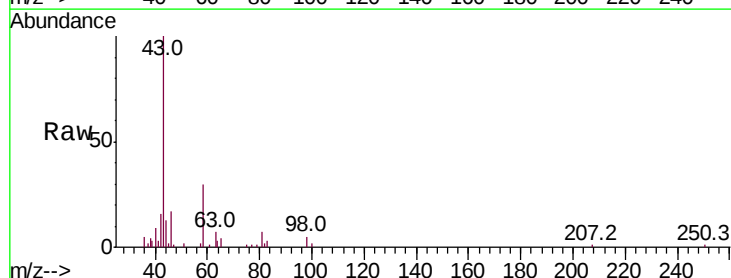
Acq: 15 May 2019 16:09

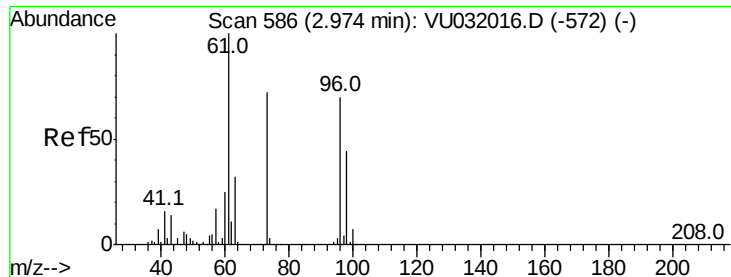
Tgt Ion: 43 Resp: 21425

Ion Ratio Lower Upper

43 100

58 35.6 0.0 68.2





#17

trans-1,2-Dichloroethene

Concen: 15.918 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU032034.D

Acq: 15 May 2019 16:09

Instrument :

MSVOA_U

ClientSampleId :

DB896

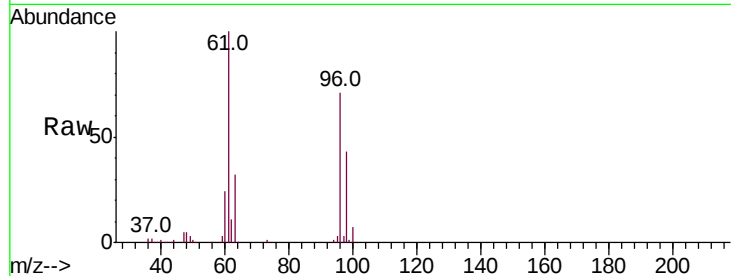
Tot Ion: 96 Resp: 133015

Ion Ratio Lower Upper

96 100

61 141.6 103.2 191.6

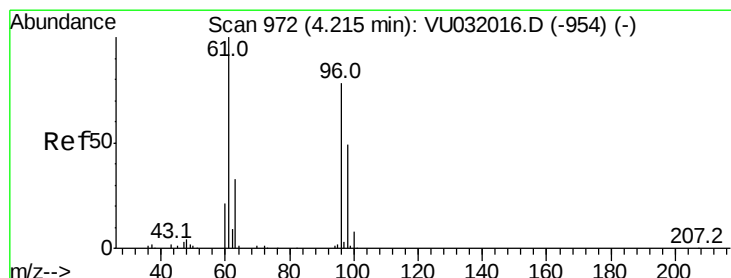
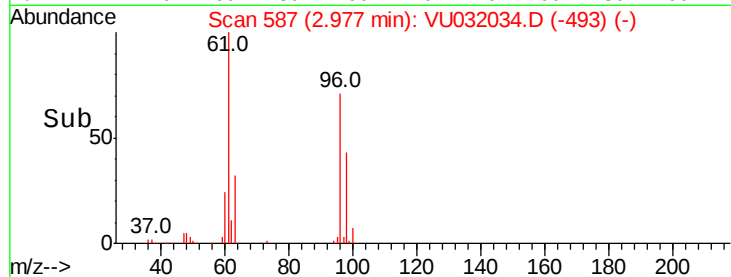
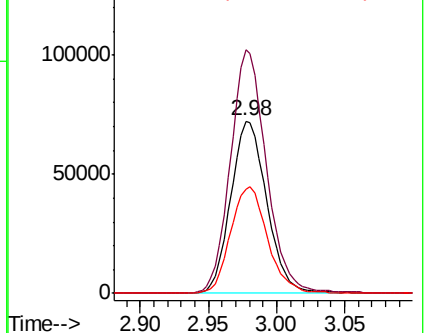
98 60.6 45.7 84.9



Abundance Ion 96.00 (95.70 to 96.70): VU032016.D (-572) (-)

Ion 61.00 (60.70 to 61.70): VU032016.D (-572) (-)

Ion 98.00 (97.70 to 98.70): VU032016.D (-572) (-)



#20

cis-1,2-Dichloroethene

Concen: 9.159 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU032034.D

Acq: 15 May 2019 16:09

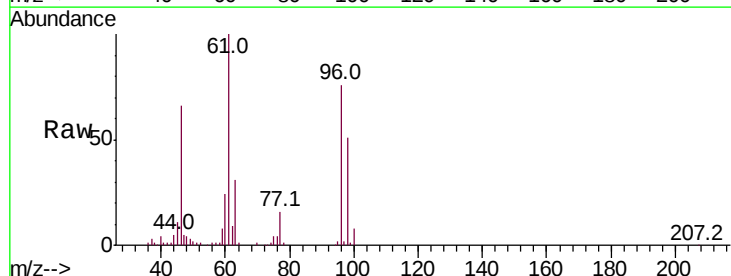
Tgt Ion: 96 Resp: 84654

Ion Ratio Lower Upper

96 100

61 130.8 93.0 172.8

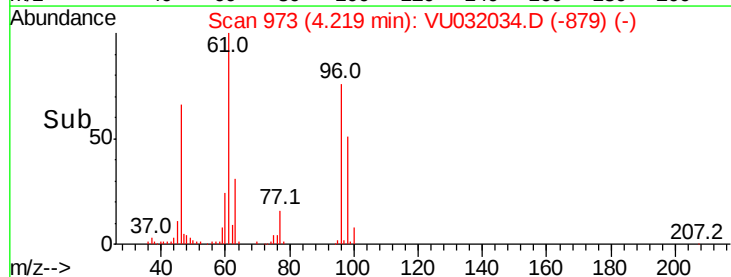
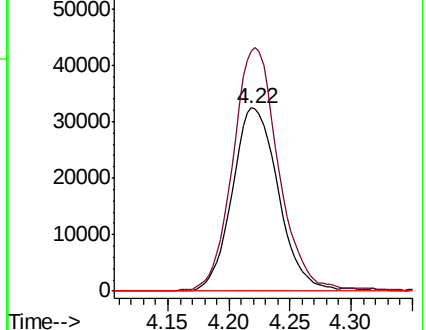
68 0.0 0.0 0.0

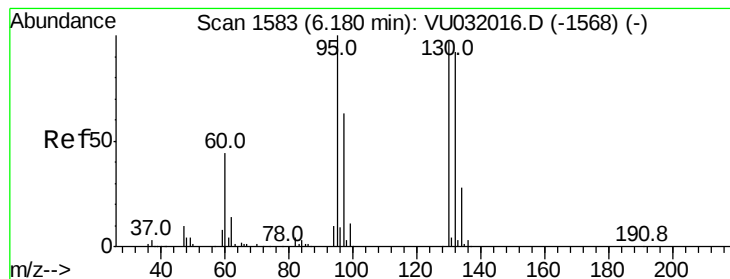


Abundance Ion 96.00 (95.70 to 96.70): VU032016.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU032016.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU032016.D (-954) (-)





#34

Trichloroethene

Concen: 214.148 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032034.D

Acq: 15 May 2019 16:09

Instrument :

MSVOA_U

ClientSampled :

DB896

Tot Ion: 95 Resp: 1861222

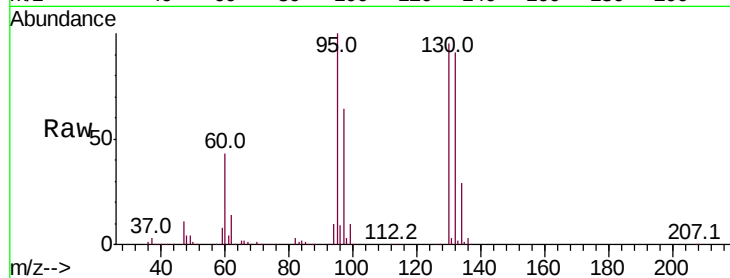
Ion Ratio Lower Upper

95 100

97 64.4 44.9 83.3

132 90.9 63.5 117.9

130 95.2 66.2 123.0

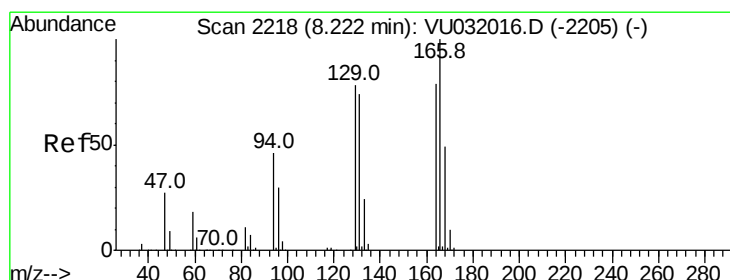
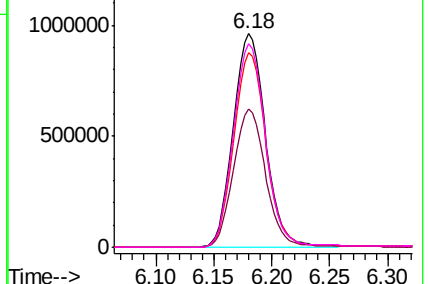
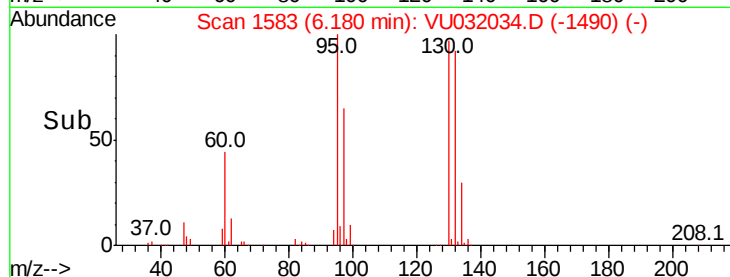


Abundance Ion 95.00 (94.70 to 95.70): VU032034.D (-1568) (-)

Ion 97.00 (96.70 to 97.70): VU032034.D (-1568) (-)

Ion 132.00 (131.70 to 132.70): VU032034.D (-1568) (-)

Ion 130.00 (129.70 to 130.70): VU032034.D (-1568) (-)



#46

Tetrachloroethene

Concen: 62.331 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032034.D

Acq: 15 May 2019 16:09

Tgt Ion: 164 Resp: 382479

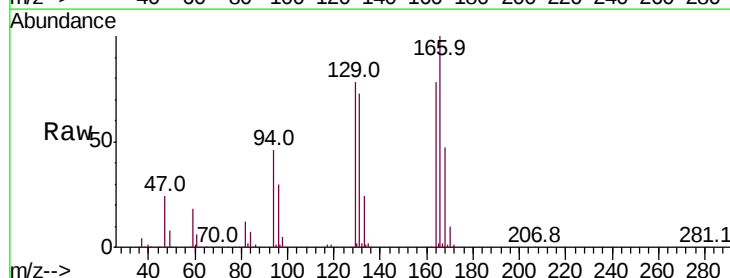
Ion Ratio Lower Upper

164 100

129 99.5 70.9 131.7

131 93.0 67.4 125.2

166 127.5 90.2 167.4



Abundance Ion 164.00 (163.70 to 164.70): VU032034.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU032034.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU032034.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU032034.D (-2205) (-)

