

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032060.D
 Acq On : 16 May 2019 19:50
 Operator : JC/SP
 Sample : K2850-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W01

Quant Time: May 17 08:09:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 17 07:17:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	426780	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	402651	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	152740	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	153386	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.68	69	127605	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.27	63	221699	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.20	46	279328	39.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.16%
24) Chloroform-d	4.64	84	266813	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.31	65	131720	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
32) Benzene-d6	5.33	84	562712	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.33	67	164275	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.56	98	465375	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.85	79	54755	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.31	63	244392	41.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128060	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	161289	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

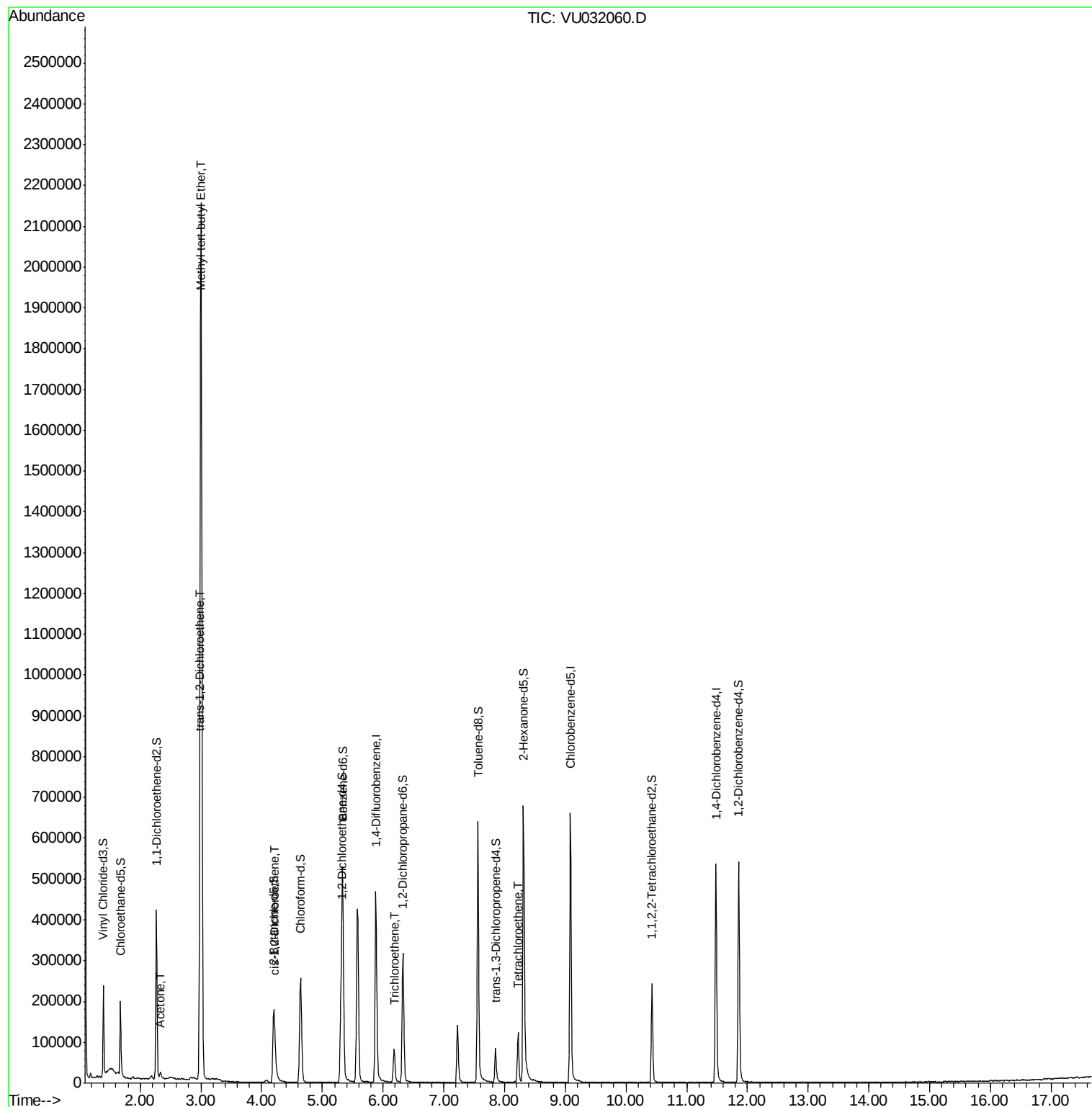
					Ovalue
13) Acetone	2.33	43	13746	5.933	ug/L 94
17) Methyl tert-butyl Ether	3.00	73	2498192	62.000	ug/L 98
18) trans-1,2-Dichloroethene	2.97	96	1967	0.107	ug/L 81
22) cis-1,2-Dichloroethene	4.22	96	7737	0.429	ug/L 79
34) Trichloroethene	6.18	95	28621	1.707	ug/L 95
47) Tetrachloroethene	8.22	164	29232	2.332	ug/L 97

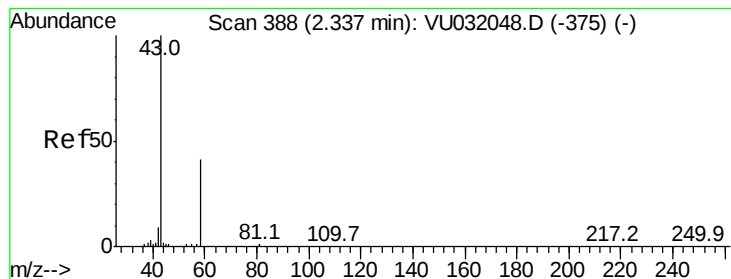
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.933 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.00 min

Lab File: VU032060.D

Acq: 16 May 2019 19:50

Instrument :

MSVOA_U

ClientSampled :

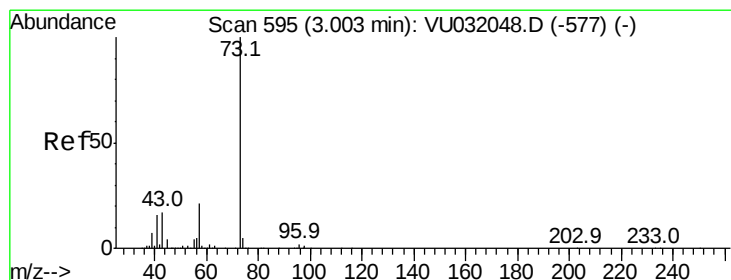
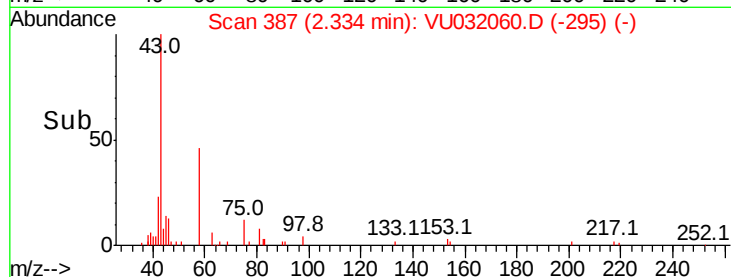
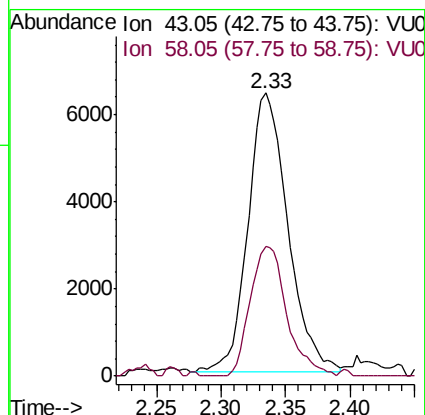
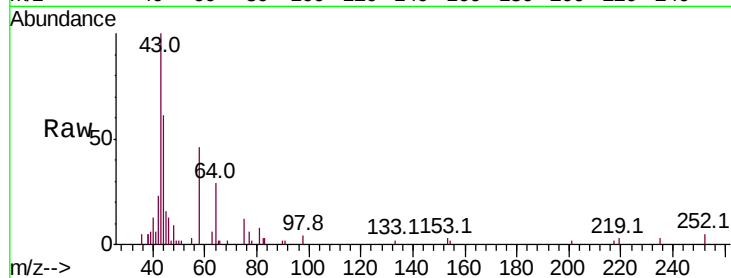
F9W01

Tot Ion: 43 Resp: 13746

Ion Ratio Lower Upper

43 100

58 42.9 0.0 78.8



#17

Methyl tert-butyl Ether

Concen: 62.000 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU032060.D

Acq: 16 May 2019 19:50

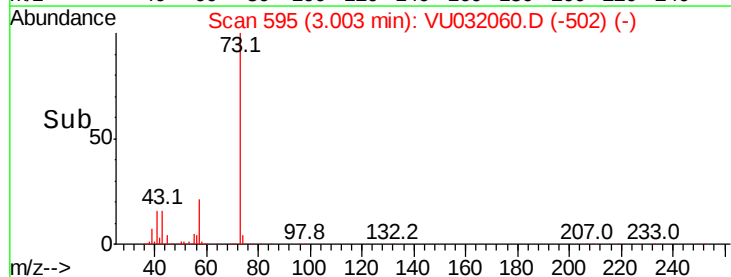
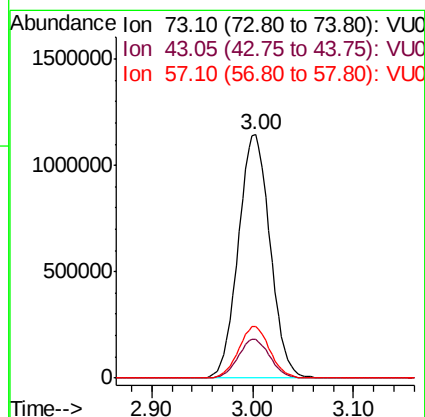
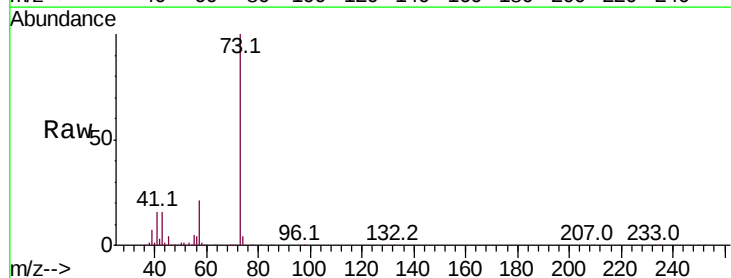
Tgt Ion: 73 Resp: 2498192

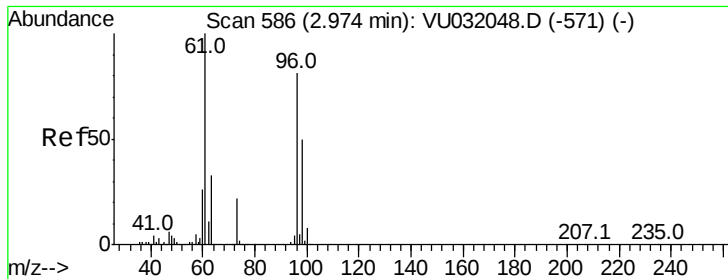
Ion Ratio Lower Upper

73 100

43 15.9 13.0 19.6

57 20.9 17.9 26.9





#18

trans-1,2-Dichloroethene

Concen: 0.107 ug/L

RT: 2.97 min Scan# 585

Delta R.T. -0.00 min

Lab File: VU032060.D

Acq: 16 May 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

F9W01

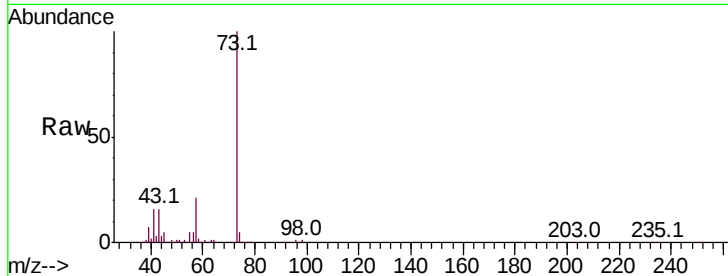
Tot Ion: 96 Resp: 1967

Ion Ratio Lower Upper

96 100

61 103.8 86.5 160.7

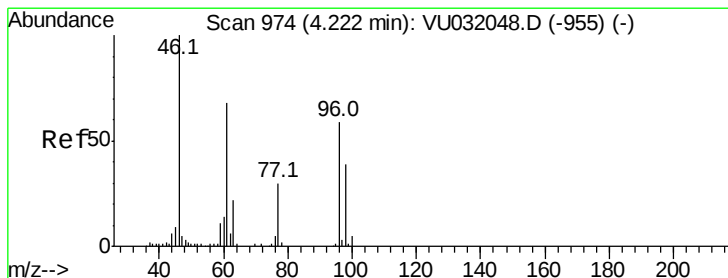
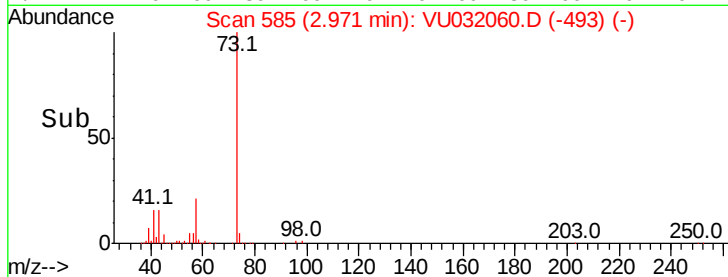
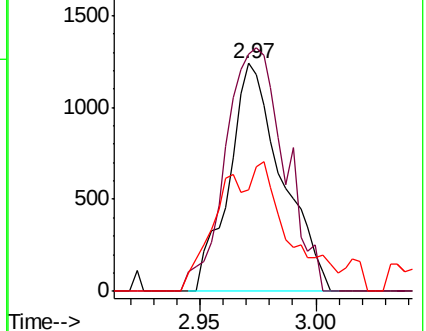
98 44.6 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VU032048.D (-571) (-)

Ion 61.05 (60.75 to 61.75): VU032048.D (-571) (-)

Ion 97.95 (97.65 to 98.65): VU032048.D (-571) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.429 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU032060.D

Acq: 16 May 2019 19:50

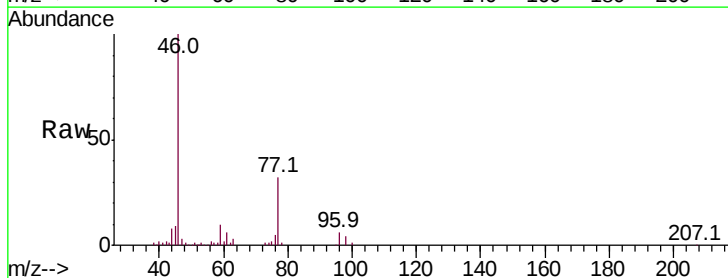
Tgt Ion: 96 Resp: 7737

Ion Ratio Lower Upper

96 100

61 98.6 85.8 159.4

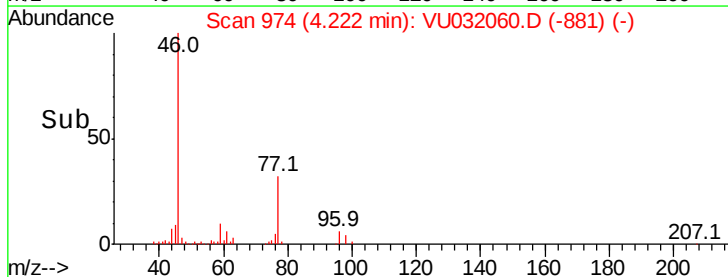
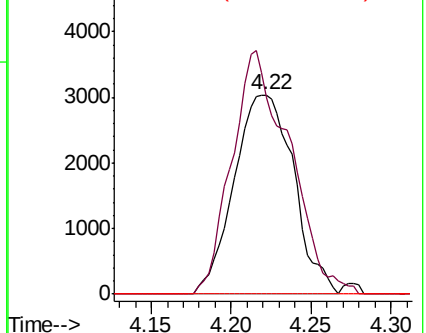
68 0.0 0.0 0.0

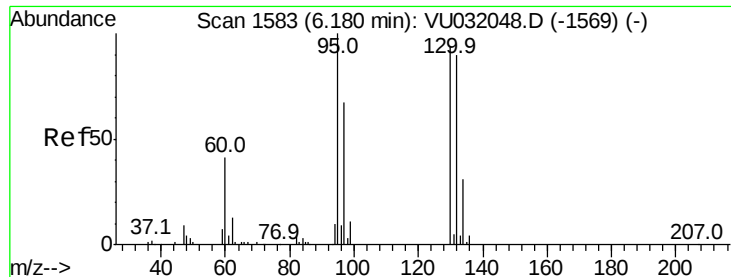


Abundance Ion 96.00 (95.70 to 96.70): VU032048.D (-955) (-)

Ion 61.05 (60.75 to 61.75): VU032048.D (-955) (-)

Ion 68.15 (67.85 to 68.85): VU032048.D (-955) (-)





#34

Trichloroethene

Concen: 1.707 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032060.D

Acq: 16 May 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

F9W01

Tot Ion: 95 Resp: 28621

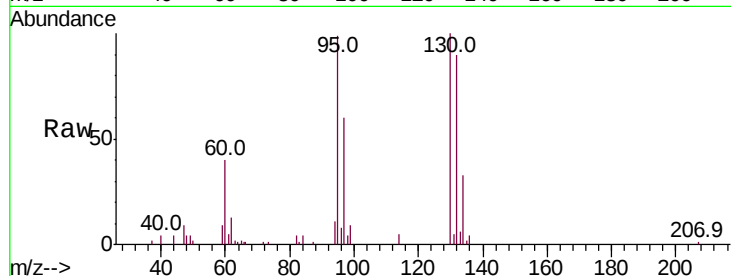
Ion Ratio Lower Upper

95 100

97 61.1 45.2 84.0

132 91.1 66.1 122.7

130 101.3 66.7 123.9

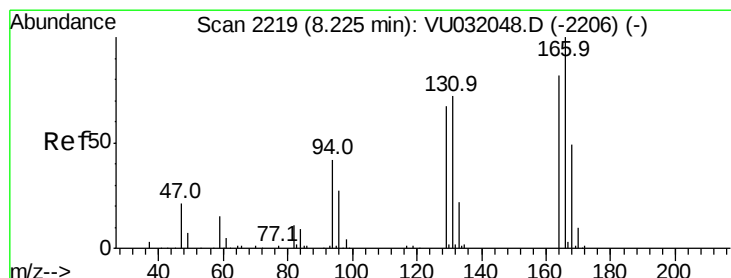
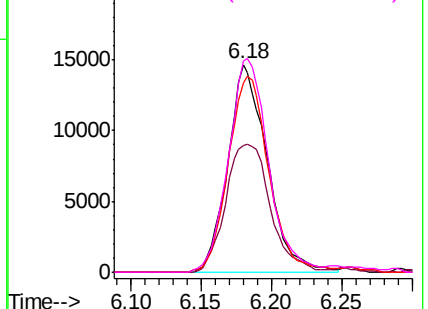
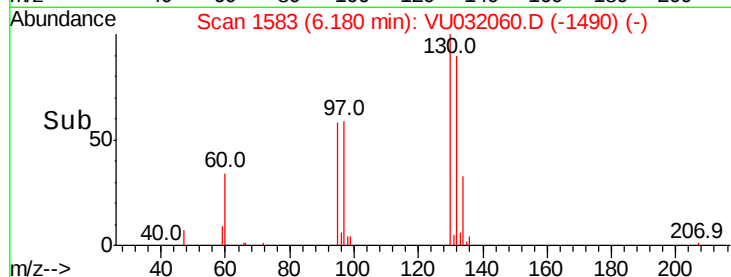


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 2.332 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032060.D

Acq: 16 May 2019 19:50

Tgt Ion: 164 Resp: 29232

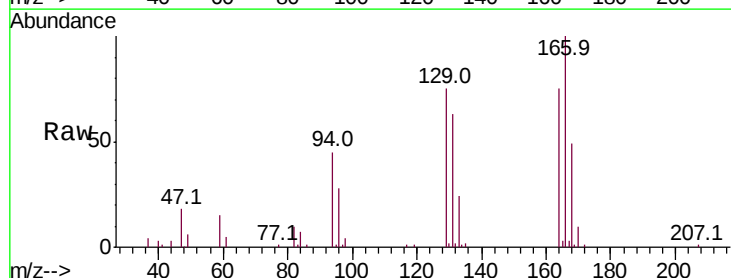
Ion Ratio Lower Upper

164 100

129 100.4 70.3 130.5

131 84.4 64.5 119.9

166 133.6 92.3 171.5



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

