

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100719\
 Data File : VU034974.D
 Acq On : 07 Oct 2019 21:03
 Operator : JC/SP
 Sample : K5219-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RD-7-001-01

Quant Time: Oct 09 05:35:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 03:56:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	176723	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	178892	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	75673	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	48342	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.67	69	46930	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.26	63	72920	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.17	46	154482	50.22	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.44%
24) Chloroform-d	4.62	84	78138	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.29	65	58751	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.31	84	206765	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.31	67	71405	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.54	98	191027	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.84	79	22973	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.30	63	117370	48.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.80%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57905	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	70660	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

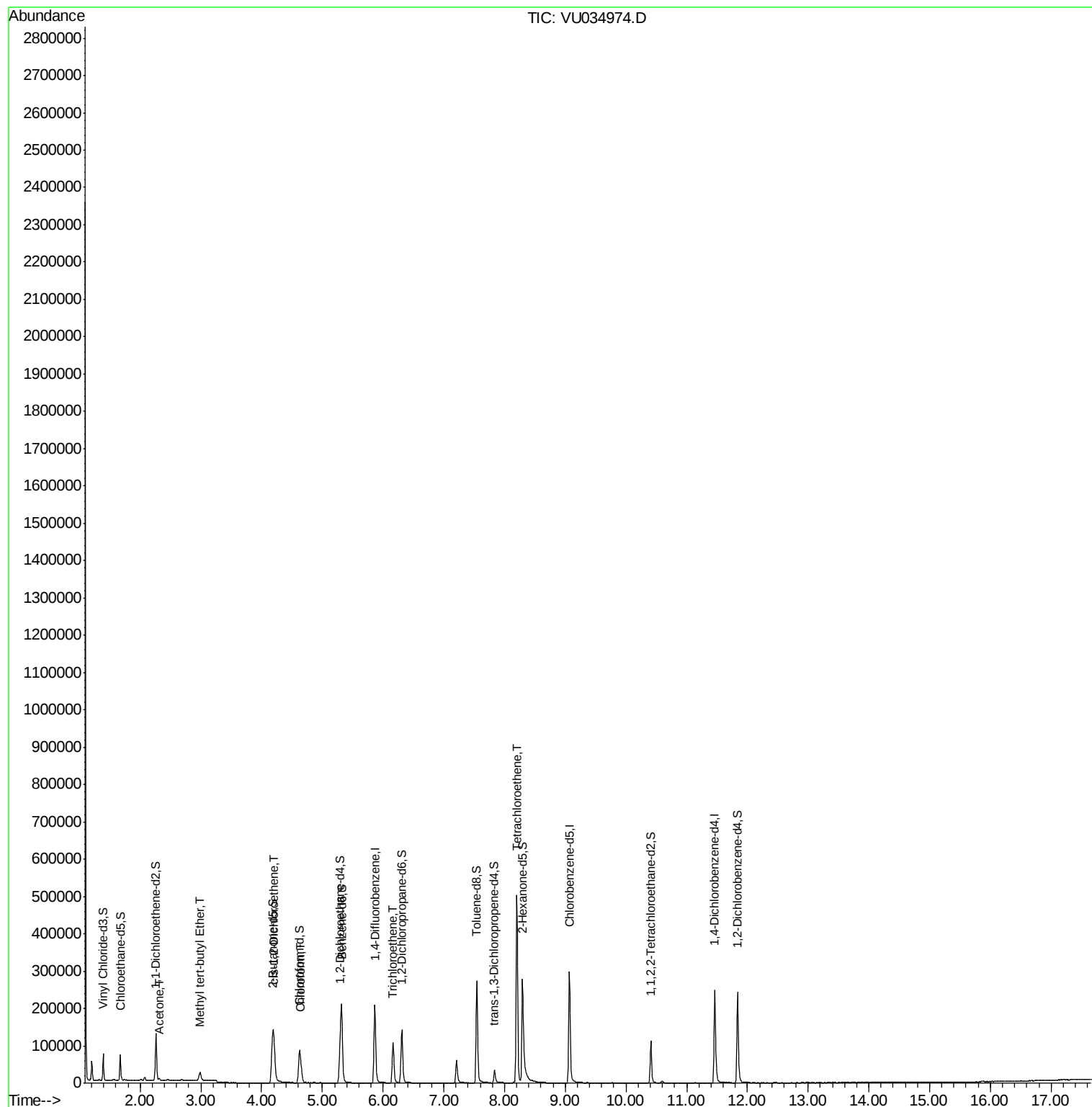
					Ovalue
13) Acetone	2.32	43	5411	2.148 ug/L	99
17) Methyl tert-butyl Ether	2.99	73	22211	0.717 ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	57817	4.264 ug/L	95
25) Chloroform	4.65	83	31942	1.177 ug/L	100
34) Trichloroethene	6.16	95	38631	2.780 ug/L	94
47) Tetrachloroethene	8.21	164	113702	10.108 ug/L	98

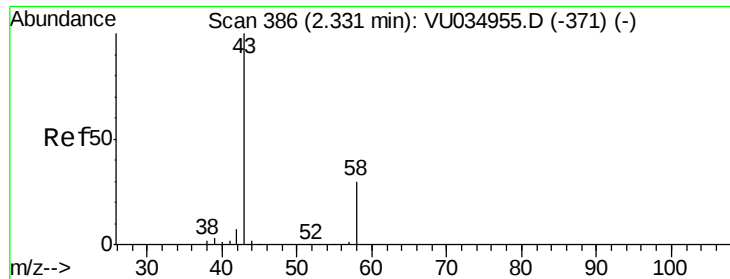
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.148 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.02 min

Lab File: VU034974.D

Acq: 07 Oct 2019 21:03

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ClientSampleId :

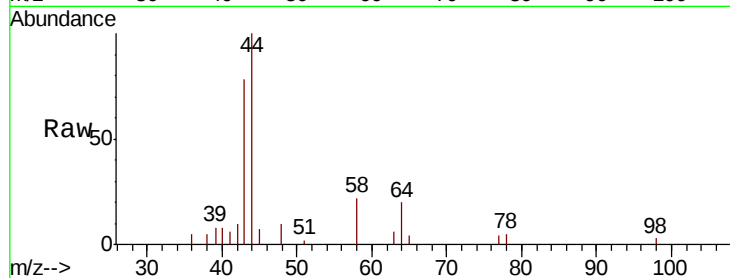
RD-7-001-01

Tot Ion: 43 Resp: 5411

Ion Ratio Lower Upper

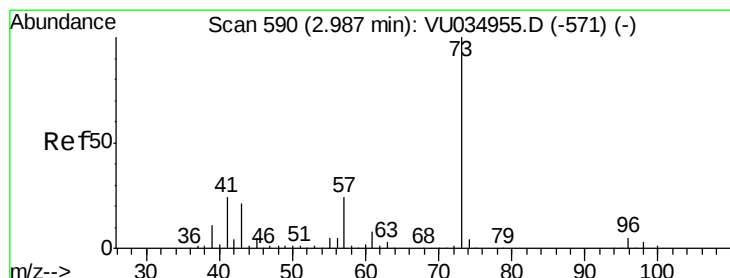
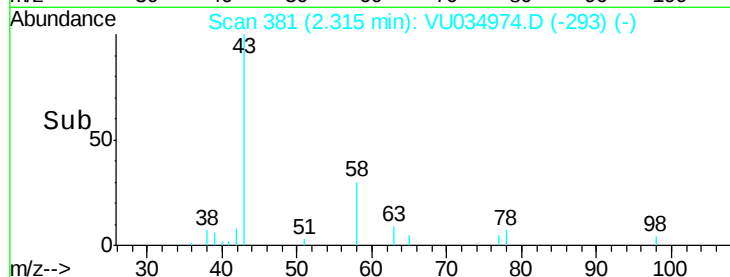
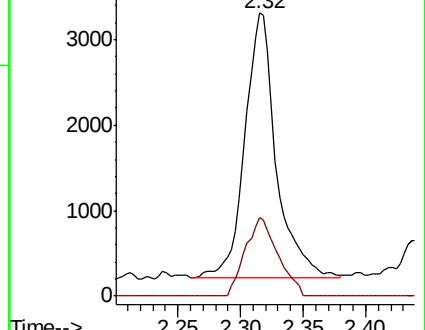
43 100

58 30.8 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU034974.D (-293) (-)

Ion 58.05 (57.75 to 58.75): VU034974.D (-293) (-)



#17

Methyl tert-butyl Ether

Concen: 0.717 ug/L

RT: 2.99 min Scan# 590

Delta R.T. -0.00 min

Lab File: VU034974.D

Acq: 07 Oct 2019 21:03

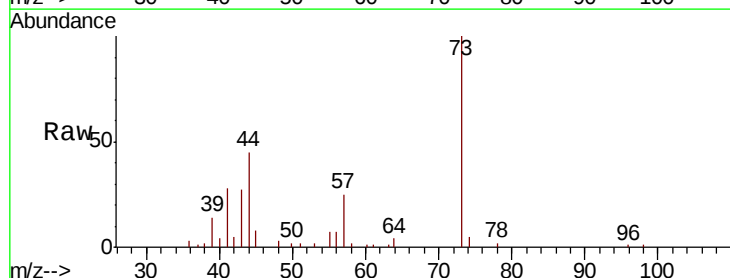
Tgt Ion: 73 Resp: 22211

Ion Ratio Lower Upper

73 100

43 23.7 17.4 26.0

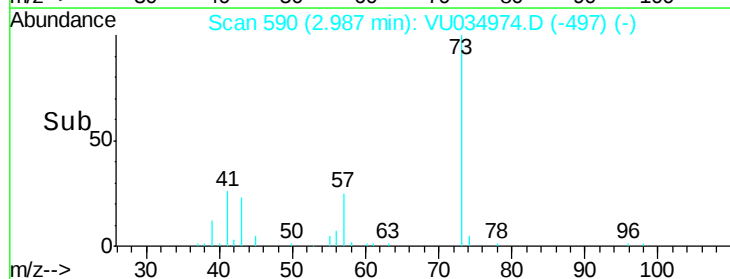
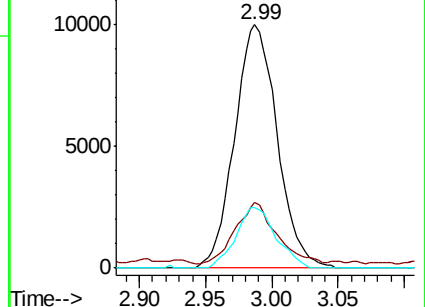
57 23.5 19.2 28.8

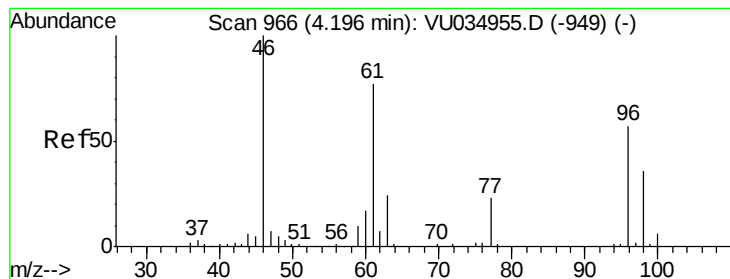


Abundance Ion 73.10 (72.80 to 73.80): VU034974.D (-497) (-)

Ion 43.05 (42.75 to 43.75): VU034974.D (-497) (-)

Ion 57.10 (56.80 to 57.80): VU034974.D (-497) (-)



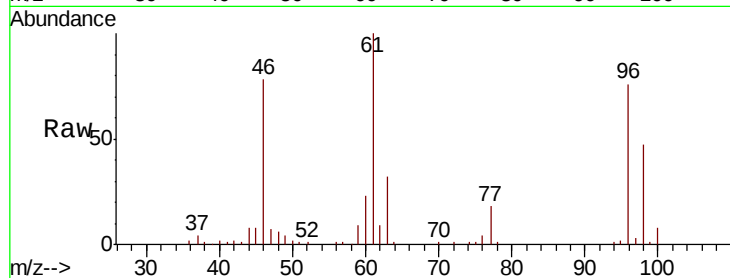


#22

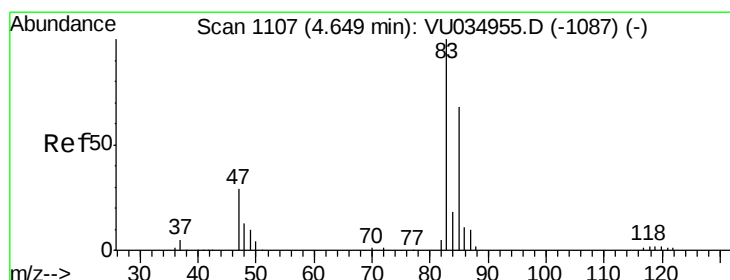
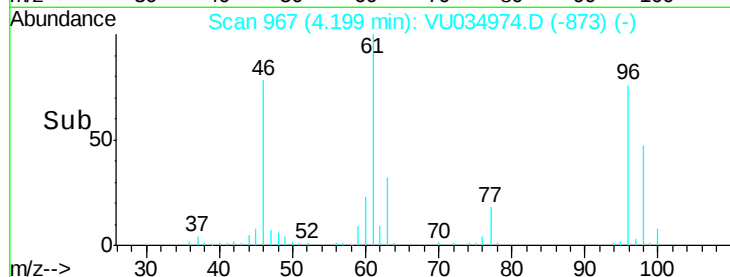
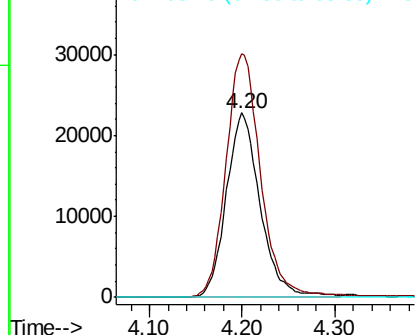
cis-1,2-Dichloroethene
 Concen: 4.264 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU034974.D
 Acq: 07 Oct 2019 21:03

Instrument :
 MSVOA_U
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 RD-7-001-01

Tot Ion: 96 Resp: 57817
 Ion Ratio Lower Upper
 96 100
 61 132.0 96.4 179.0
 68 0.0 0.0 0.0



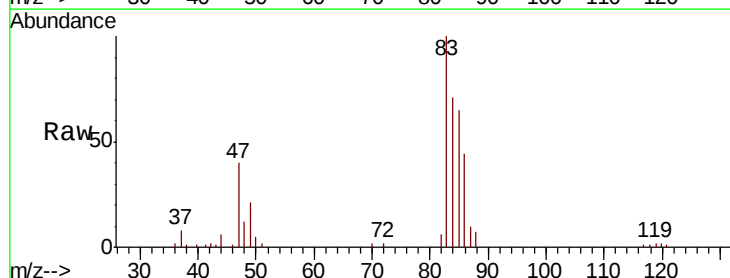
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



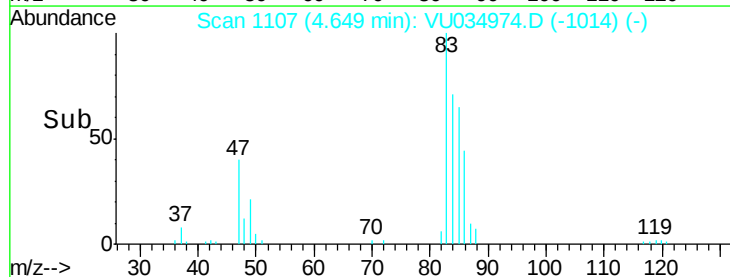
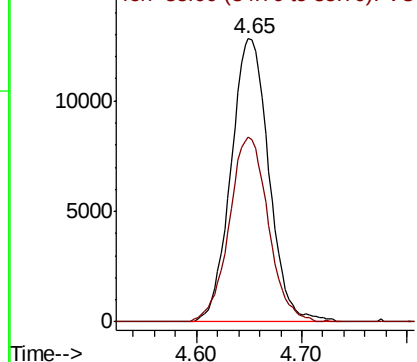
#25

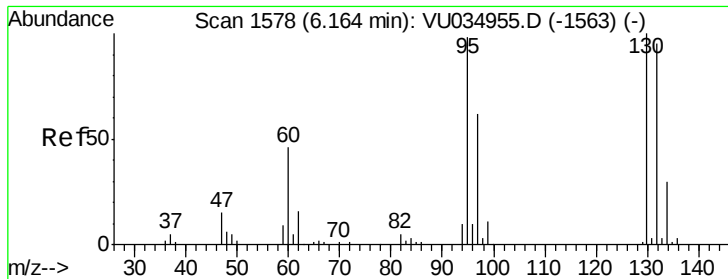
Chloroform
 Concen: 1.177 ug/L
 RT: 4.65 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: VU034974.D
 Acq: 07 Oct 2019 21:03

Tgt Ion: 83 Resp: 31942
 Ion Ratio Lower Upper
 83 100
 85 65.1 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 2.780 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034974.D

Acq: 07 Oct 2019 21:03

Instrument :

MSVOA_U

ClientSampleId :

RD-7-001-01

Tot Ion: 95 Resp: 38631

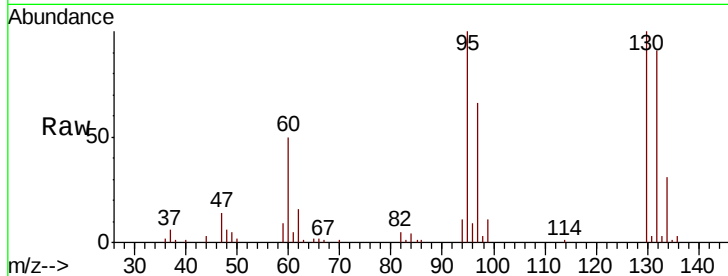
Ion Ratio Lower Upper

95 100

97 65.9 42.5 78.9

132 91.2 65.8 122.2

130 100.1 65.0 120.8



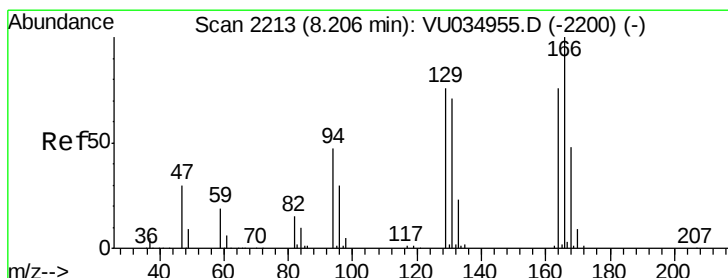
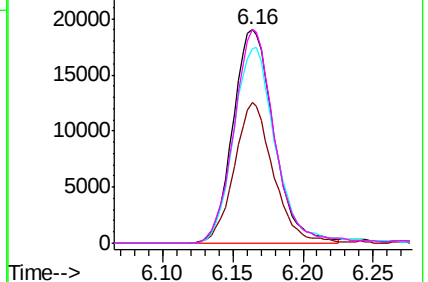
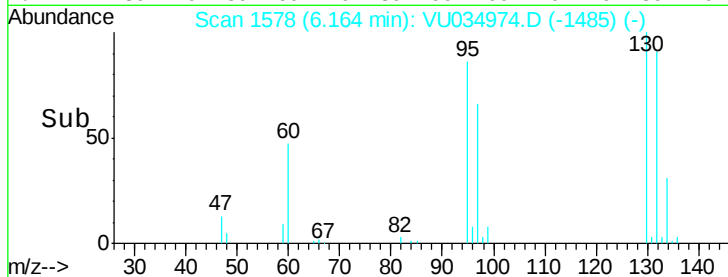
Abundance

Ion 95.00 (94.70 to 95.70): VU034974.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VU034974.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VU034974.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VU034974.D (-1485) (-)



#47

Tetrachloroethene

Concen: 10.108 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034974.D

Acq: 07 Oct 2019 21:03

Tgt Ion: 164 Resp: 113702

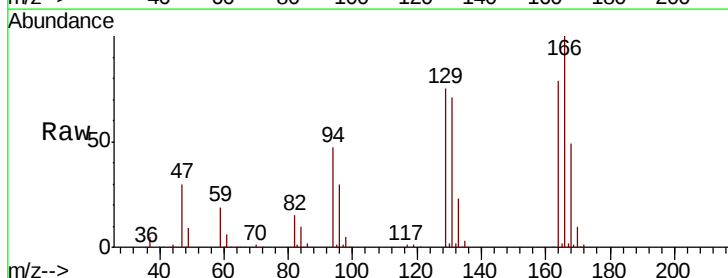
Ion Ratio Lower Upper

164 100

129 96.0 66.5 123.5

131 89.9 63.3 117.7

166 127.3 91.6 170.2



Abundance

Ion 163.90 (163.60 to 164.60): VU034974.D (-2120) (-)

Ion 128.95 (128.65 to 129.65): VU034974.D (-2120) (-)

Ion 130.95 (130.65 to 131.65): VU034974.D (-2120) (-)

Ion 165.90 (165.60 to 166.60): VU034974.D (-2120) (-)

