

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100819\
 Data File : VU034982.D
 Acq On : 08 Oct 2019 10:14
 Operator : JC/SP
 Sample : K5196-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0K00

Quant Time: Oct 09 15:44:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 07:15:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	175178	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	174631	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	66268	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45009	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.68	69	44055	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.26	63	70373	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.17	46	143698	47.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.24%
24) Chloroform-d	4.62	84	91980	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.29	65	54511	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.32	84	195820	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.31	67	66260	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.54	98	176699	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.84	79	19473	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.30	63	101164	43.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.34%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55830	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	60952	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

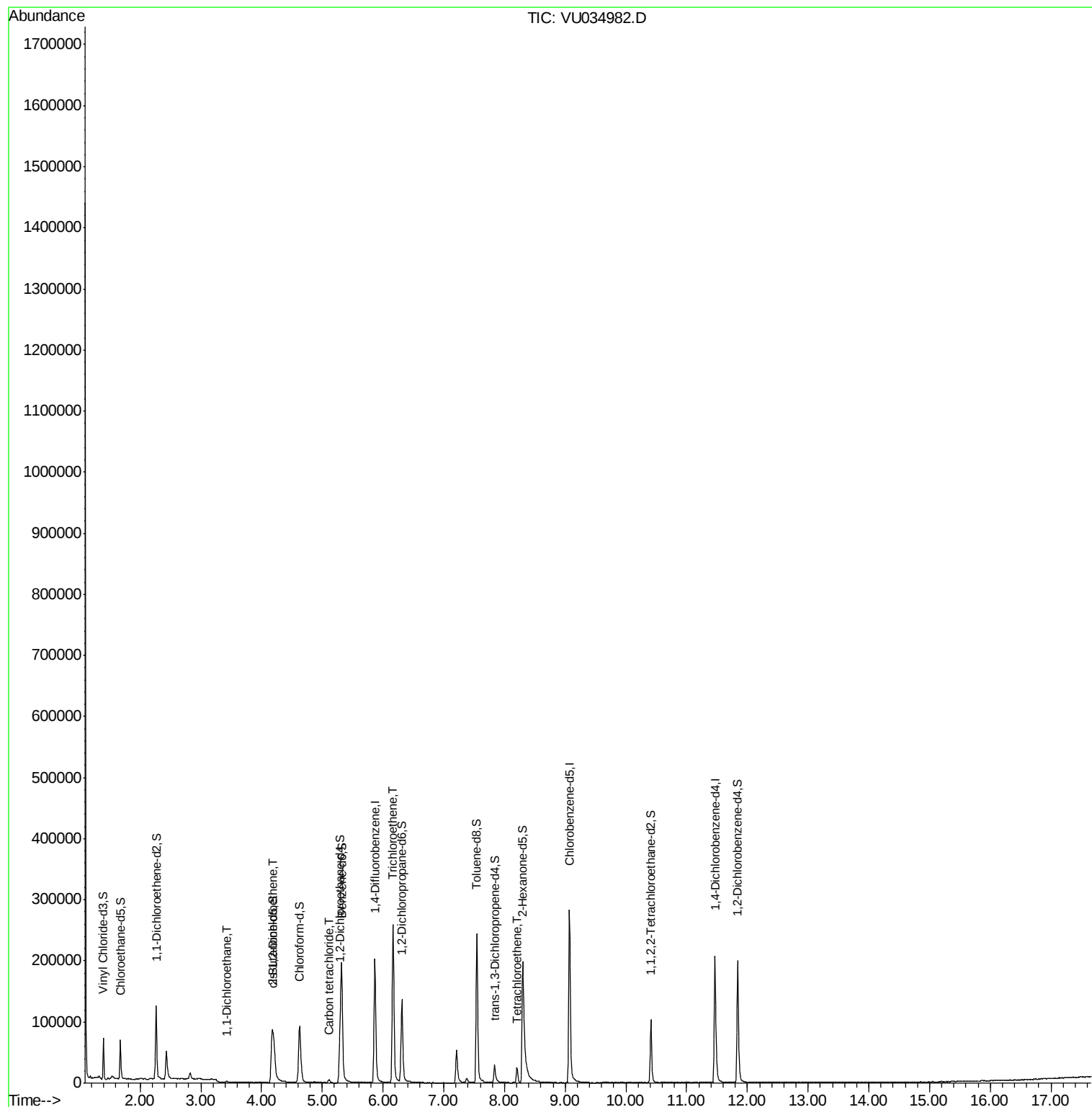
					Ovalue
19) 1,1-Dichloroethane	3.42	63	2872	0.120 ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	25591	1.904 ug/L	90
31) Carbon tetrachloride	5.11	117	3671	0.216 ug/L	90
34) Trichloroethene	6.16	95	95656	7.051 ug/L	98
47) Tetrachloroethene	8.21	164	5473	0.498 ug/L	98

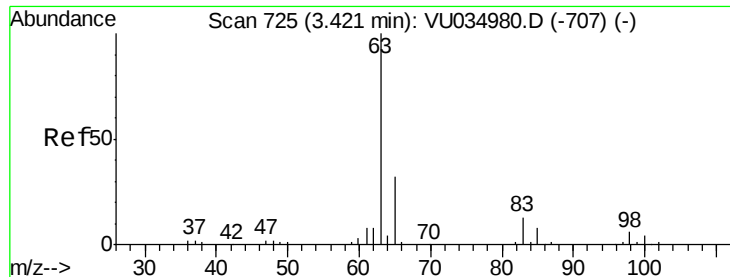
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.120 ug/L

RT: 3.42 min Scan# 724

Delta R.T. -0.00 min

Lab File: VU034982.D

Acq: 08 Oct 2019 10:14

Instrument :

MSVOA_U

ClientSampleId :

C0K00

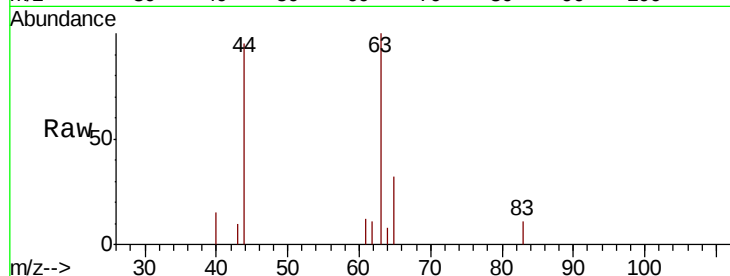
Tot Ion: 63 Resp: 2872

Ion Ratio Lower Upper

63 100

65 31.9 21.7 40.3

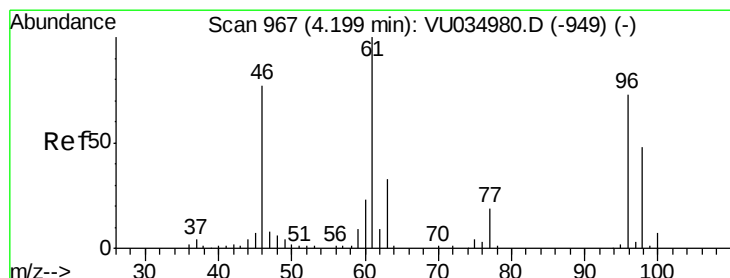
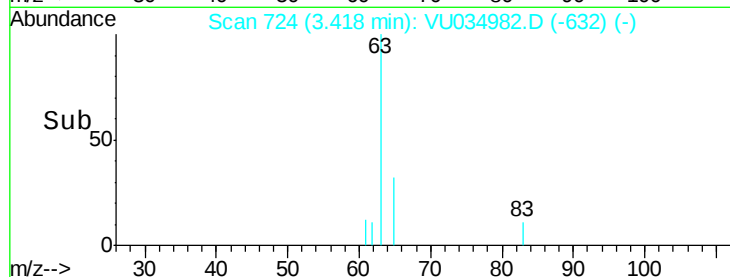
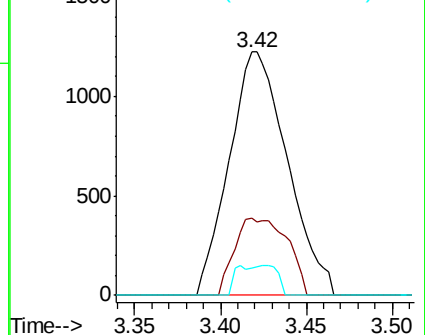
83 11.1 9.0 16.8



Abundance Ion 63.10 (62.80 to 63.80): VU034982.D (-632) (-)

Ion 65.10 (64.80 to 65.80): VU034982.D (-632) (-)

Ion 83.05 (82.75 to 83.75): VU034982.D (-632) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.904 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU034982.D

Acq: 08 Oct 2019 10:14

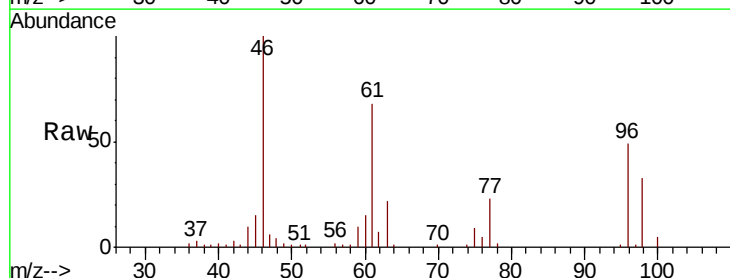
Tgt Ion: 96 Resp: 25591

Ion Ratio Lower Upper

96 100

61 139.3 89.2 165.6

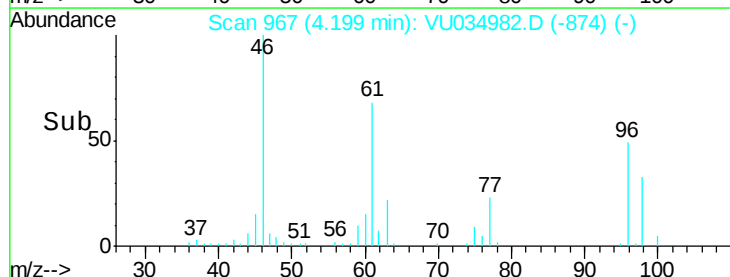
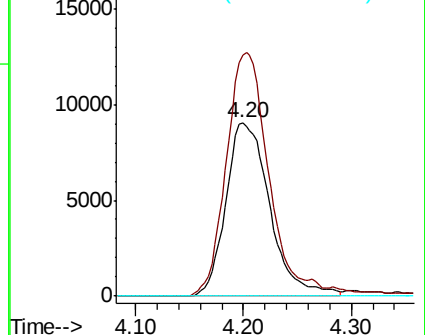
68 0.0 0.0 0.0

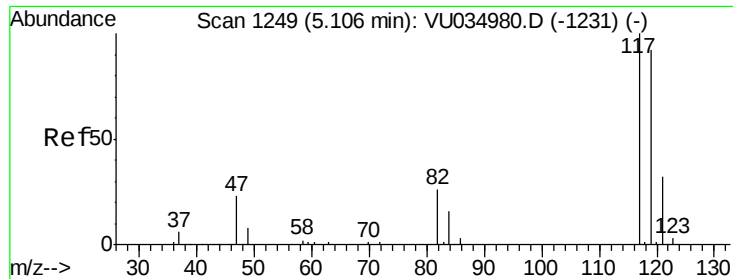


Abundance Ion 96.00 (95.70 to 96.70): VU034982.D (-874) (-)

Ion 61.05 (60.75 to 61.75): VU034982.D (-874) (-)

Ion 68.15 (67.85 to 68.85): VU034982.D (-874) (-)





#31

Carbon tetrachloride

Concen: 0.216 ug/L

RT: 5.11 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VU034982.D

Acq: 08 Oct 2019 10:14

Instrument :

MSVOA_U

ClientSampleId :

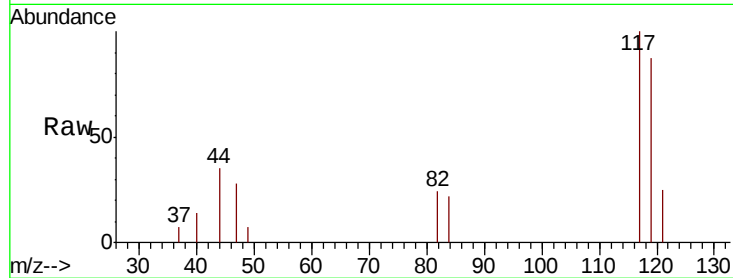
C0K00

Tot Ion:117 Resp: 3671

Ion Ratio Lower Upper

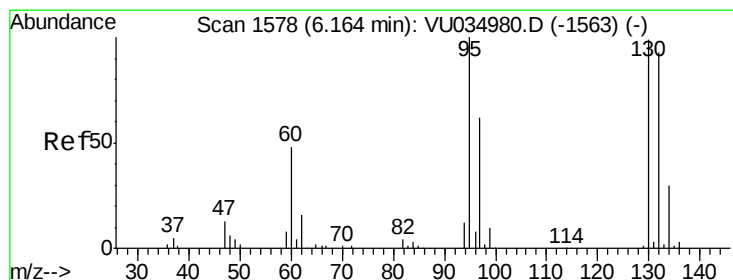
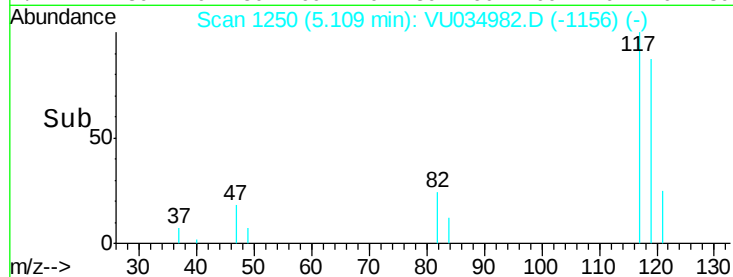
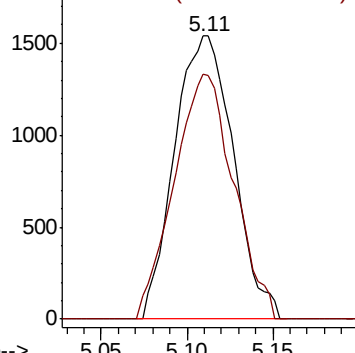
117 100

119 87.3 77.5 116.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 7.051 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU034982.D

Acq: 08 Oct 2019 10:14

Tgt Ion: 95 Resp: 95656

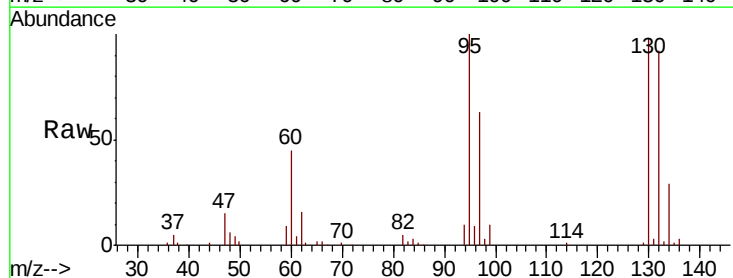
Ion Ratio Lower Upper

95 100

97 62.9 44.5 82.7

132 91.9 66.6 123.8

130 98.1 68.9 127.9

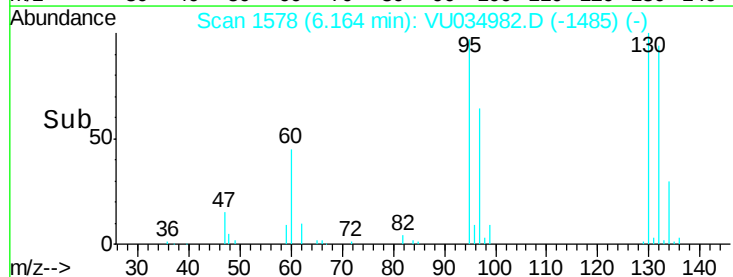
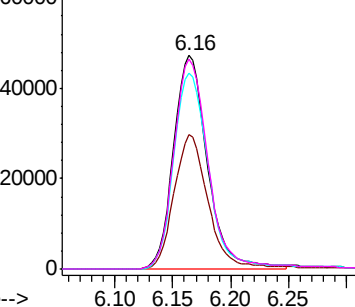


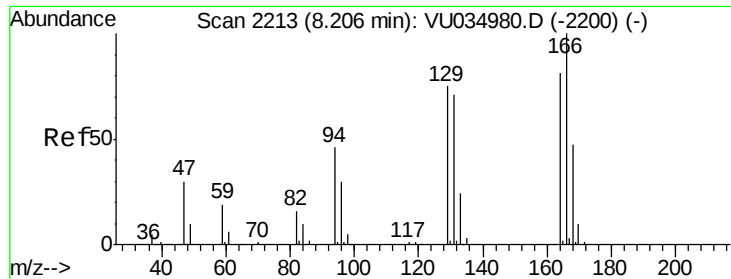
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0





#47

Tetrachloroethene

Concen: 0.498 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034982.D

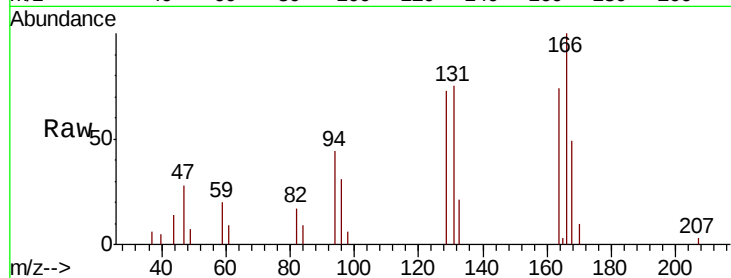
Acq: 08 Oct 2019 10:14

Instrument :

MSVOA_U

ClientSampleId :

C0K00



Tot Ion:164 Resp: 5473

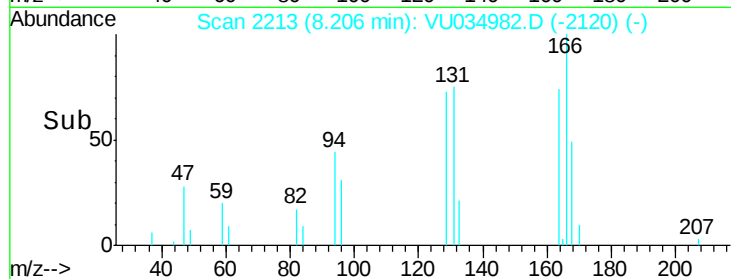
Ion Ratio Lower Upper

164 100

129 98.5 68.5 127.1

131 100.9 67.3 124.9

166 135.2 93.1 172.9



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

