

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101819\
 Data File : VU035282.D
 Acq On : 18 Oct 2019 21:31
 Operator : JC/SP
 Sample : K5419-12DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FY8DL

Quant Time: Oct 19 05:53:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 19 03:38:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	328768	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	329461	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	132682	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86677	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.90	69	78983	4.31	ug/L	-0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.58	63	125086	3.37	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.70	46	288070	50.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.00%
24) Chloroform-d	5.11	84	175905	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.75	65	102056	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.77	84	360267	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.73	67	117924	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.93	98	334513	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.21	79	49610	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.68	63	270953	52.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.84%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	107308	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	113611	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

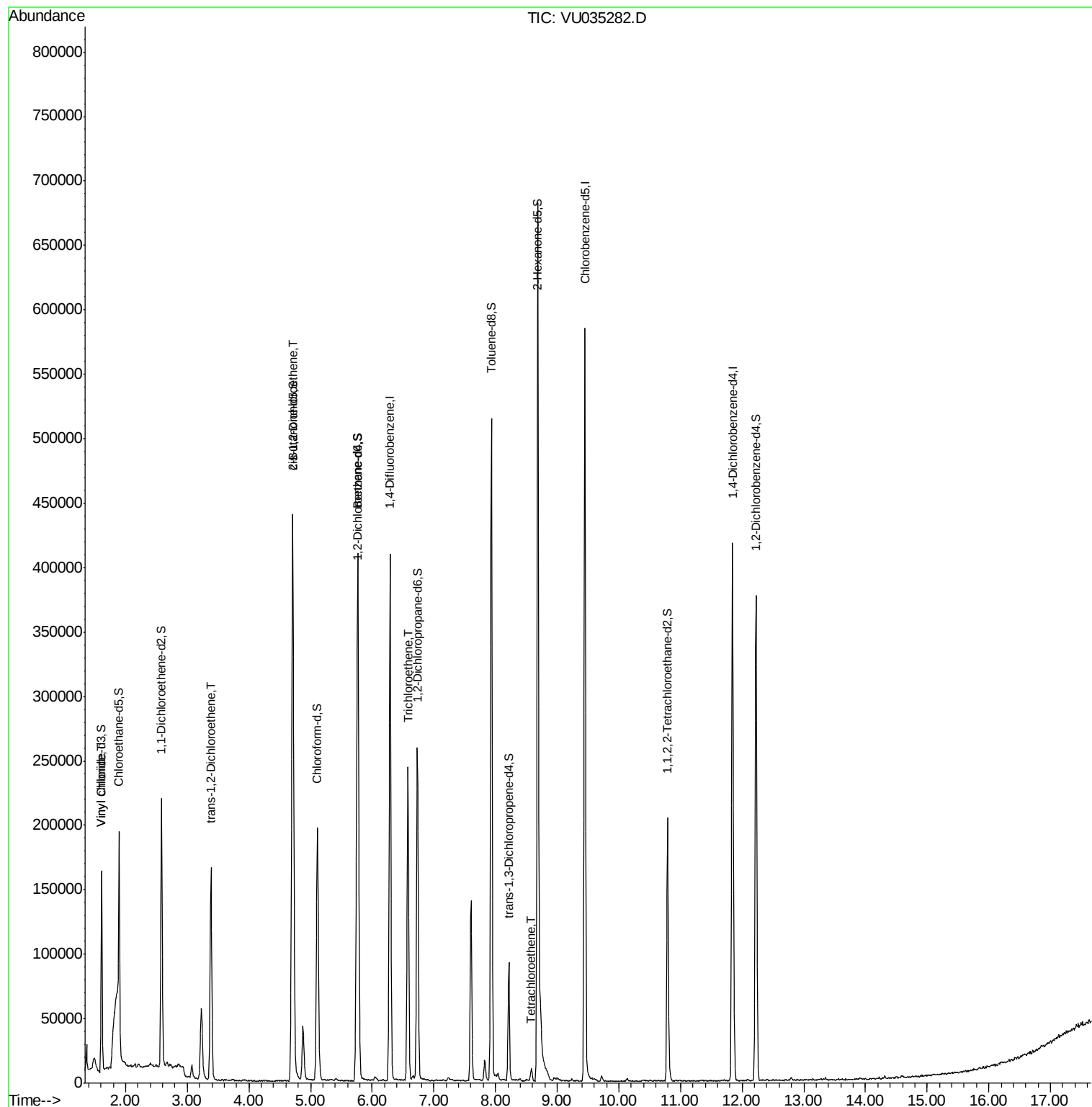
					Ovalue
5) Vinyl chloride	1.62	62	24711	0.867 ug/L	91
18) trans-1,2-Dichloroethene	3.39	96	68709	3.014 ug/L	91
22) cis-1,2-Dichloroethene	4.71	96	137213	5.446 ug/L	99
34) Trichloroethene	6.58	95	80043	3.071 ug/L	97
47) Tetrachloroethene	8.58	164	2237	0.103 ug/L	96

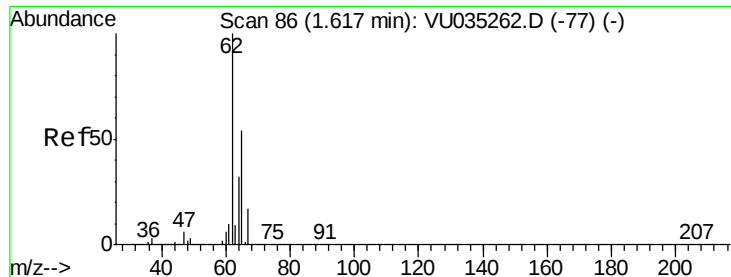
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.867 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU035282.D

Acq: 18 Oct 2019 21:31

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MSVOA_U

ClientSampleId :

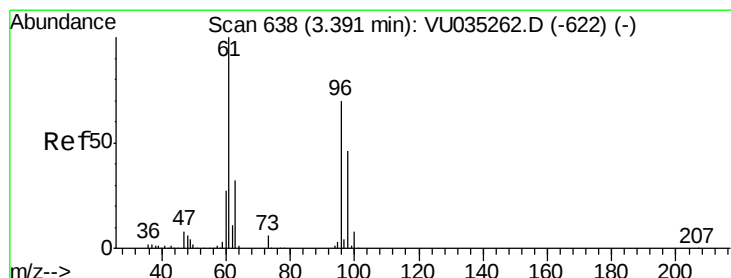
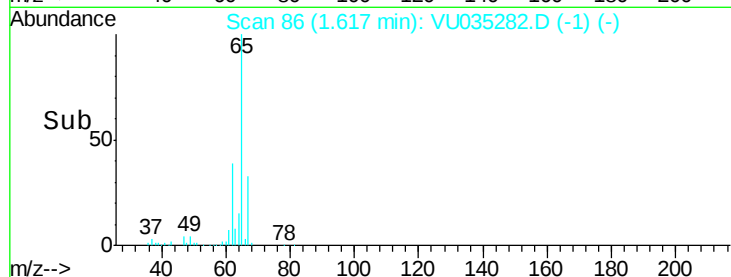
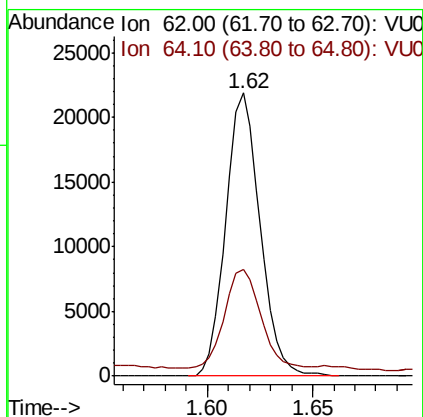
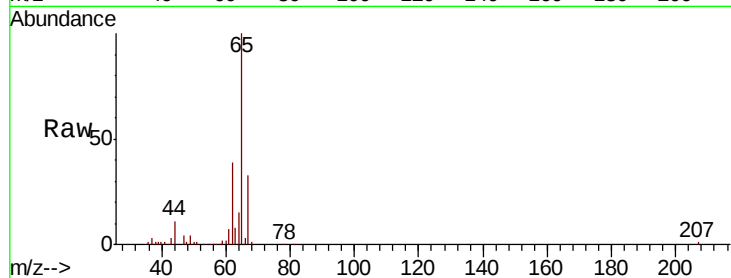
H0FY8DL

Tot Ion: 62 Resp: 24711

Ion Ratio Lower Upper

62 100

64 37.9 22.9 42.5



#18

trans-1,2-Dichloroethene

Concen: 3.014 ug/L

RT: 3.39 min Scan# 636

Delta R.T. -0.01 min

Lab File: VU035282.D

Acq: 18 Oct 2019 21:31

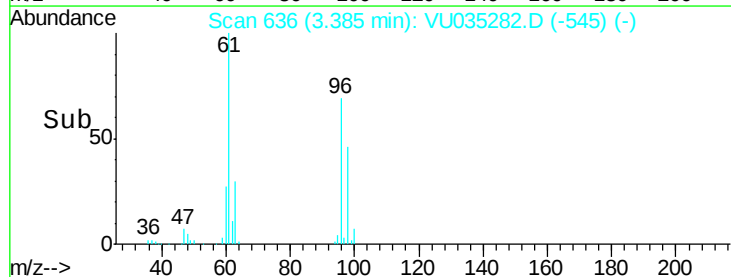
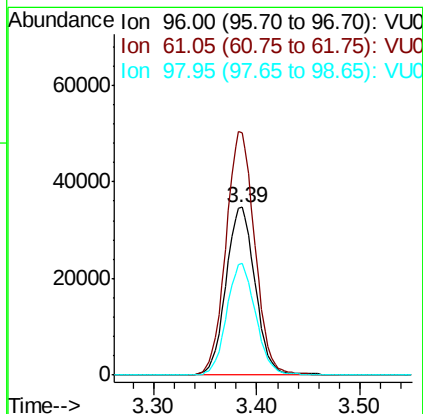
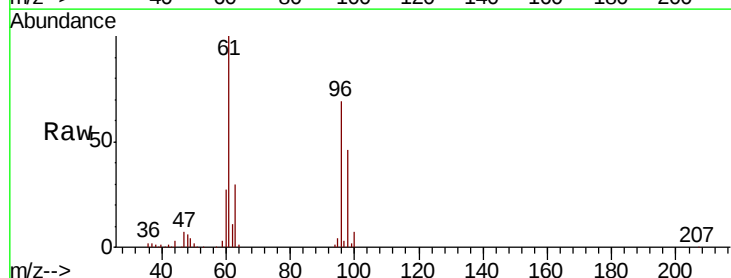
Tgt Ion: 96 Resp: 68709

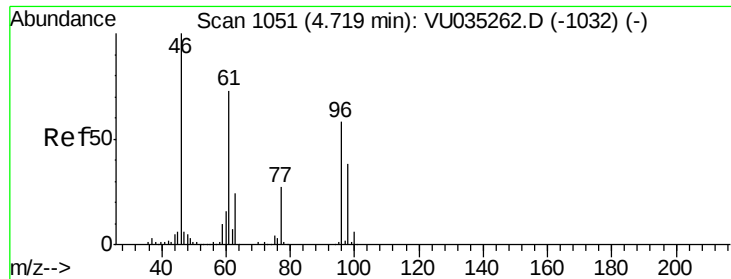
Ion Ratio Lower Upper

96 100

61 144.5 93.0 172.6

98 67.0 43.7 81.1

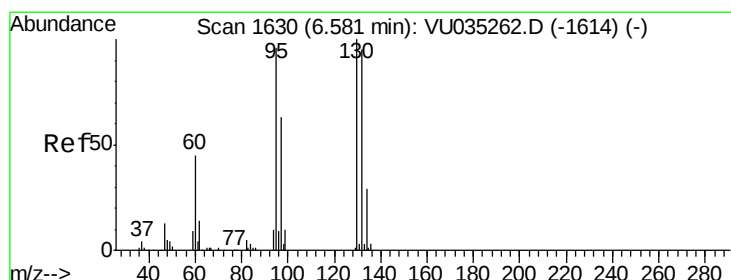
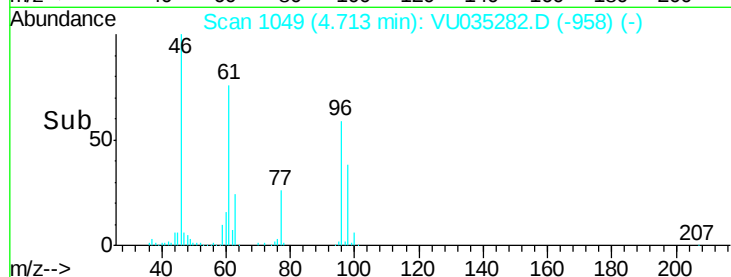
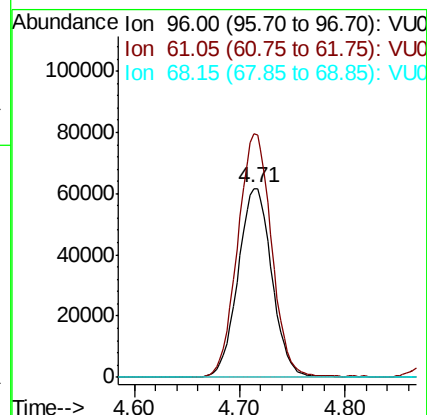
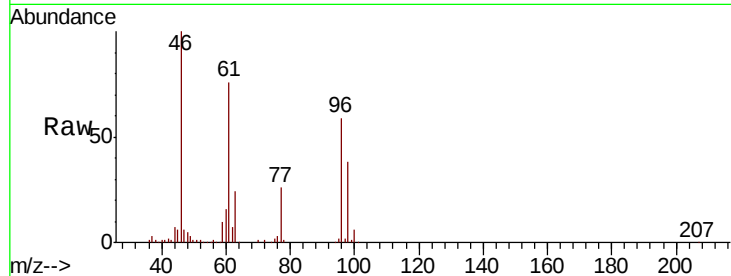




#22
 cis-1,2-Dichloroethene
 Concen: 5.446 ug/L
 RT: 4.71 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VU035282.D
 Acq: 18 Oct 2019 21:31

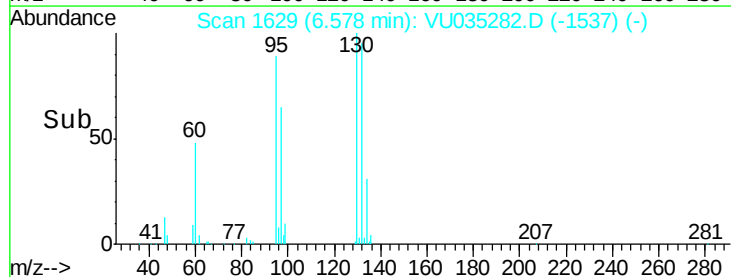
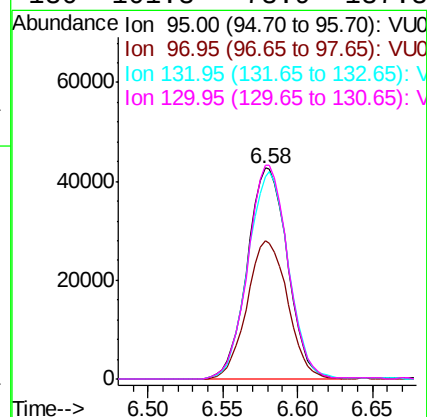
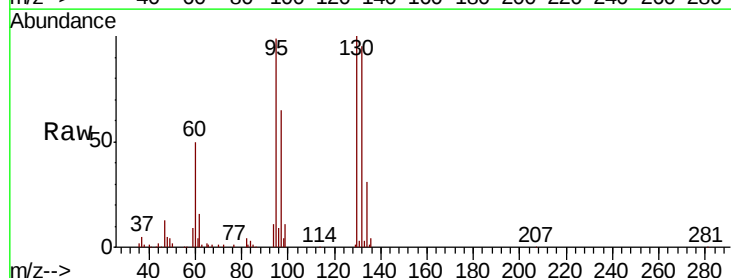
Instrument :
 MSVOA_U
 ClientSampled :
 H0FY8DL

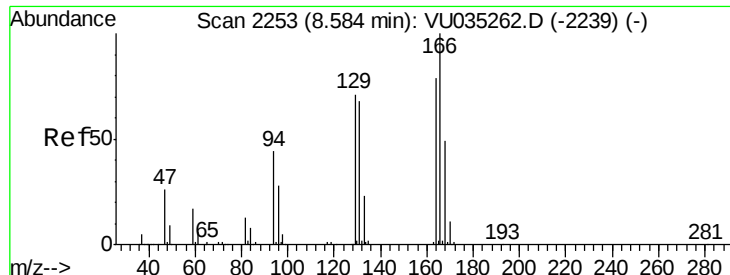
Tot Ion: 96 Resp: 137213
 Ion Ratio Lower Upper
 96 100
 61 128.7 89.7 166.5
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 3.071 ug/L
 RT: 6.58 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VU035282.D
 Acq: 18 Oct 2019 21:31

Tgt Ion: 95 Resp: 80043
 Ion Ratio Lower Upper
 95 100
 97 65.5 46.6 86.6
 132 96.0 68.7 127.7
 130 101.3 73.9 137.3





#47

Tetrachloroethene

Concen: 0.103 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035282.D

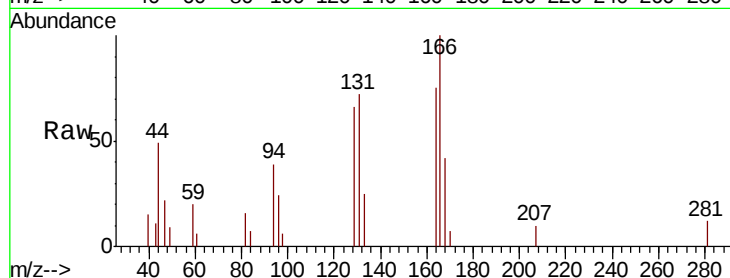
Acq: 18 Oct 2019 21:31

Instrument :

MSVOA_U

ClientSampleId :

H0FY8DL



Tot Ion:164 Resp: 2237

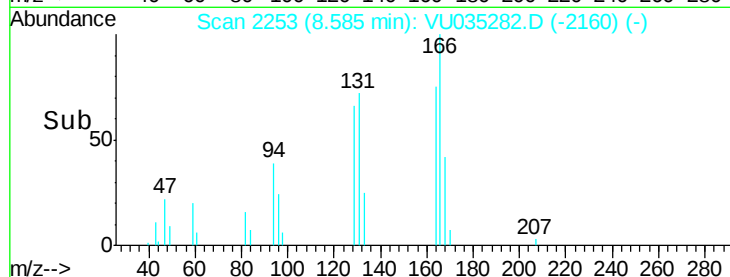
Ion Ratio Lower Upper

164 100

129 87.4 65.2 121.0

131 95.4 62.9 116.9

166 133.0 91.5 169.9



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

