

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008296.D
 Acq On : 16 Oct 2018 14:00
 Operator : SY/MD
 Sample : J5406-07
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK1

Quant Time: Oct 19 11:39:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 02:28:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	97387	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85739	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	33698	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27289	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.58	69	20488	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.13	63	47706	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	3.97	46	85413	46.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.54%
24) Chloroform-d	4.41	84	53951	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.09	65	28498	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.10	84	119516	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.12	67	40277	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	105220	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.67	79	13585	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.14	63	48636	40.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.70%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22399	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	29858	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

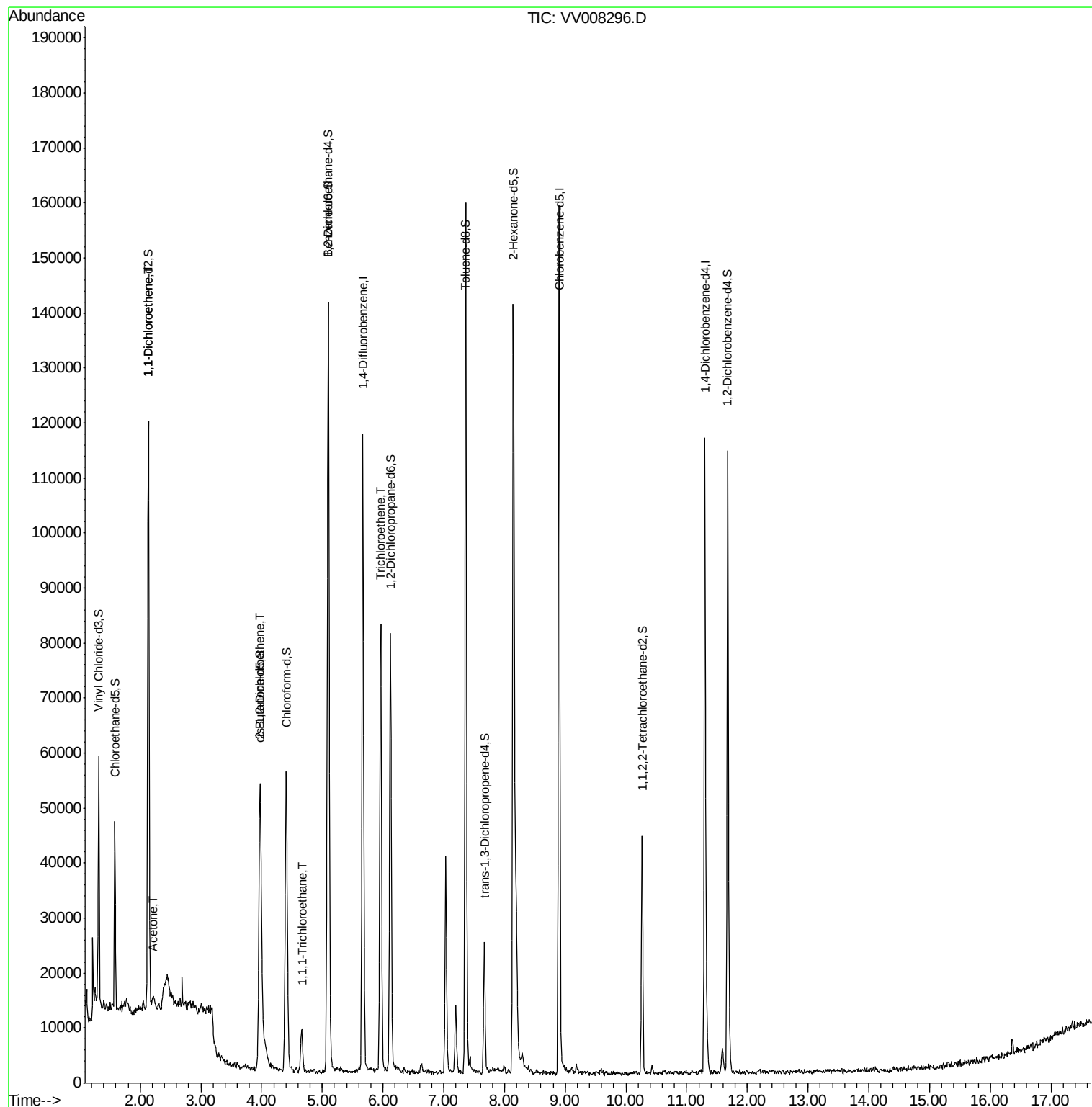
					Ovalue
12) 1,1-Dichloroethene	2.14	96	15038	3.214 ug/L #	81
13) Acetone	2.22	43	4800	4.806 ug/L	88
22) cis-1,2-Dichloroethene	3.96	96	6734	0.829 ug/L #	95
29) 1,1,1-Trichloroethane	4.67	97	6075	0.569 ug/L	99
34) Trichloroethene	5.96	95	26886	3.358 ug/L	95

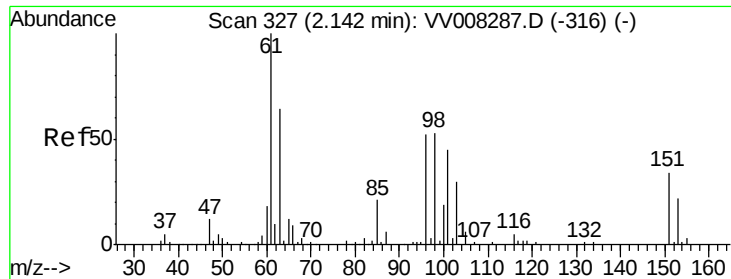
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.214 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV008296.D

Acq: 16 Oct 2018 14:00

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MSVOA_V
ClientSampleId :
C0AK1

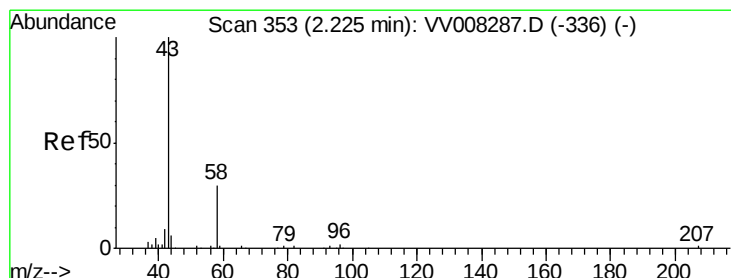
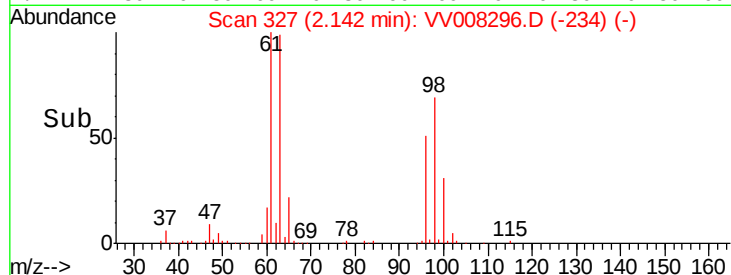
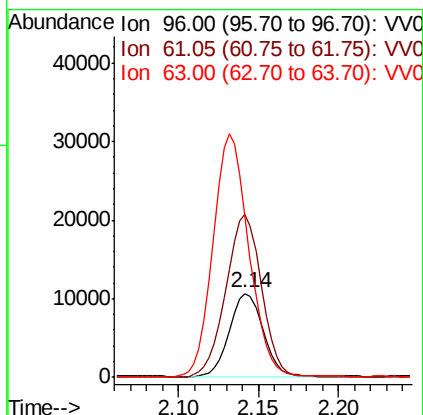
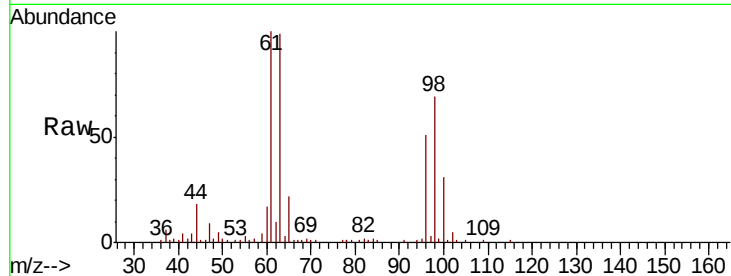
Tot Ion: 96 Resp: 15038

Ion Ratio Lower Upper

96 100

61 194.2 129.9 241.3

63 192.4 103.0 191.4#



#13

Acetone

Concen: 4.806 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.00 min

Lab File: VV008296.D

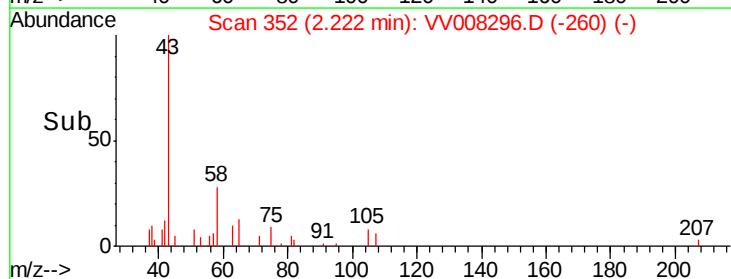
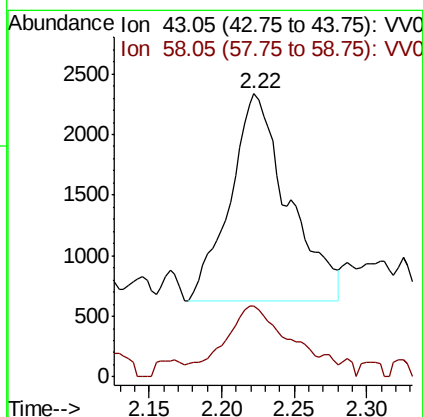
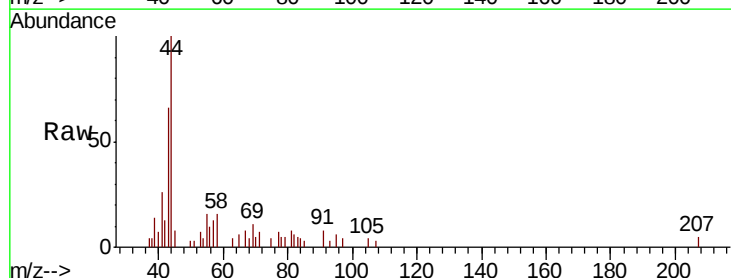
Acq: 16 Oct 2018 14:00

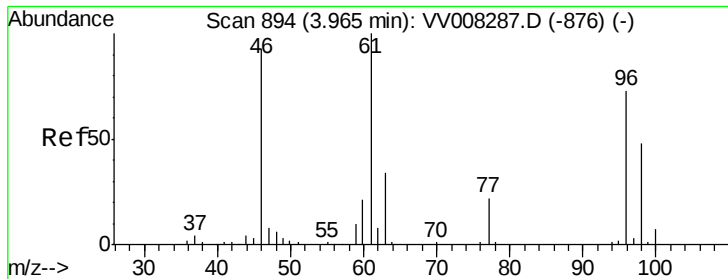
Tgt Ion: 43 Resp: 4800

Ion Ratio Lower Upper

43 100

58 24.4 0.0 62.0



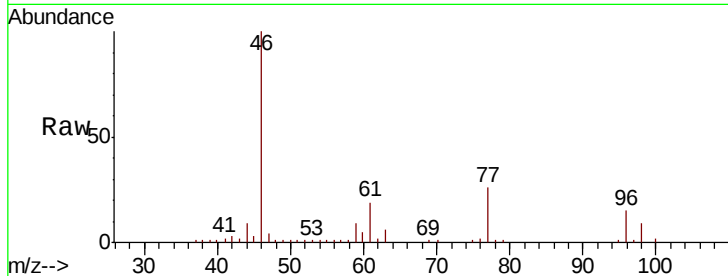


#22

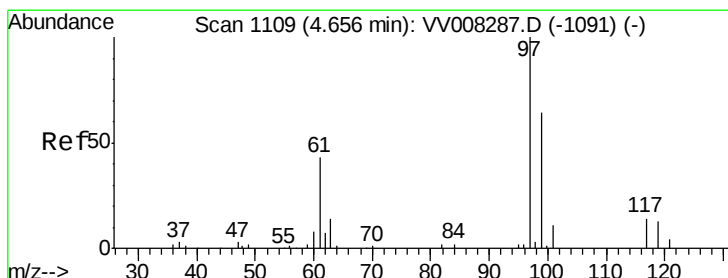
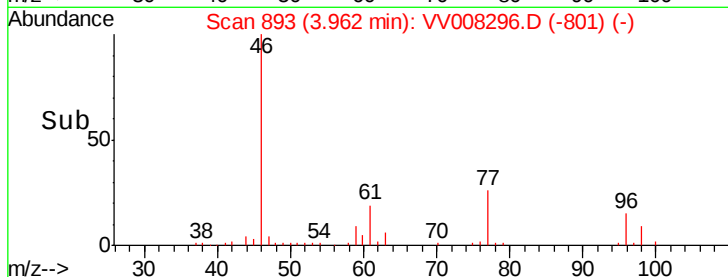
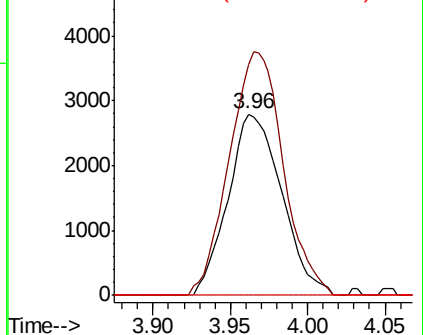
cis-1,2-Dichloroethene
 Concen: 0.829 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VV008296.D
 Acq: 16 Oct 2018 14:00

Instrument :
 MSVOA_V
 ClientSampleID :
 C0AK1

Tot Ion: 96 Resp: 6734
 Ion Ratio Lower Upper
 96 100
 61 127.7 93.7 174.1
 68 0.0 0.6 1.2#



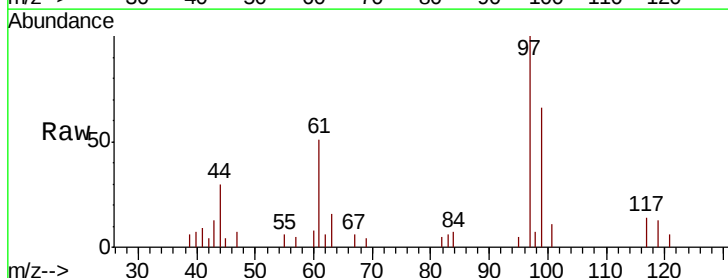
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



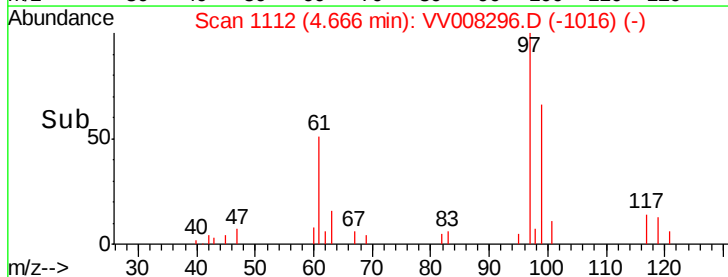
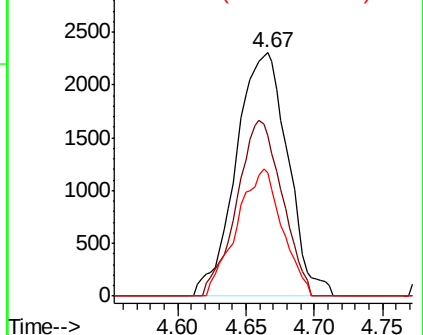
#29

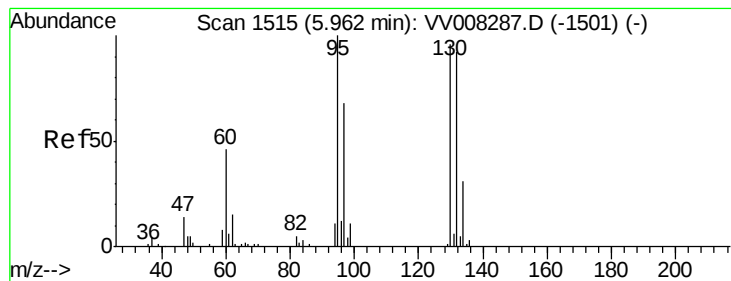
1,1,1-Trichloroethane
 Concen: 0.569 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: VV008296.D
 Acq: 16 Oct 2018 14:00

Tgt Ion: 97 Resp: 6075
 Ion Ratio Lower Upper
 97 100
 99 63.4 51.6 77.4
 61 45.7 37.0 55.6



Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 3.358 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008296.D

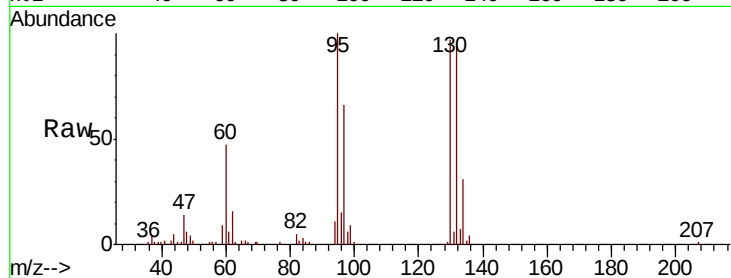
Acq: 16 Oct 2018 14:00

Instrument :

MSVOA_V

ClientSampleId :

C0AK1



Tot Ion: 95 Resp: 26886

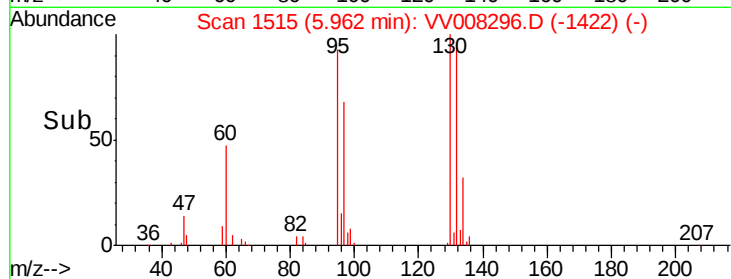
Ion Ratio Lower Upper

95 100

97 66.1 44.4 82.4

132 93.6 60.4 112.2

130 97.4 65.5 121.7



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

