

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006843.D
 Acq On : 03 Aug 2018 07:59
 Operator : SY/MD
 Sample : J4261-05
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 11:27:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 04:21:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	234856	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	219644	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80952	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77655	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	74823	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	115160	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.95	46	237521	60.21	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.42%
24) Chloroform-d	4.41	84	152302	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.09	65	81799	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
32) Benzene-d6	5.10	84	290526	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	101658	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.37	98	223726	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.67	79	27519	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.14	63	145460	47.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80793	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	76168	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

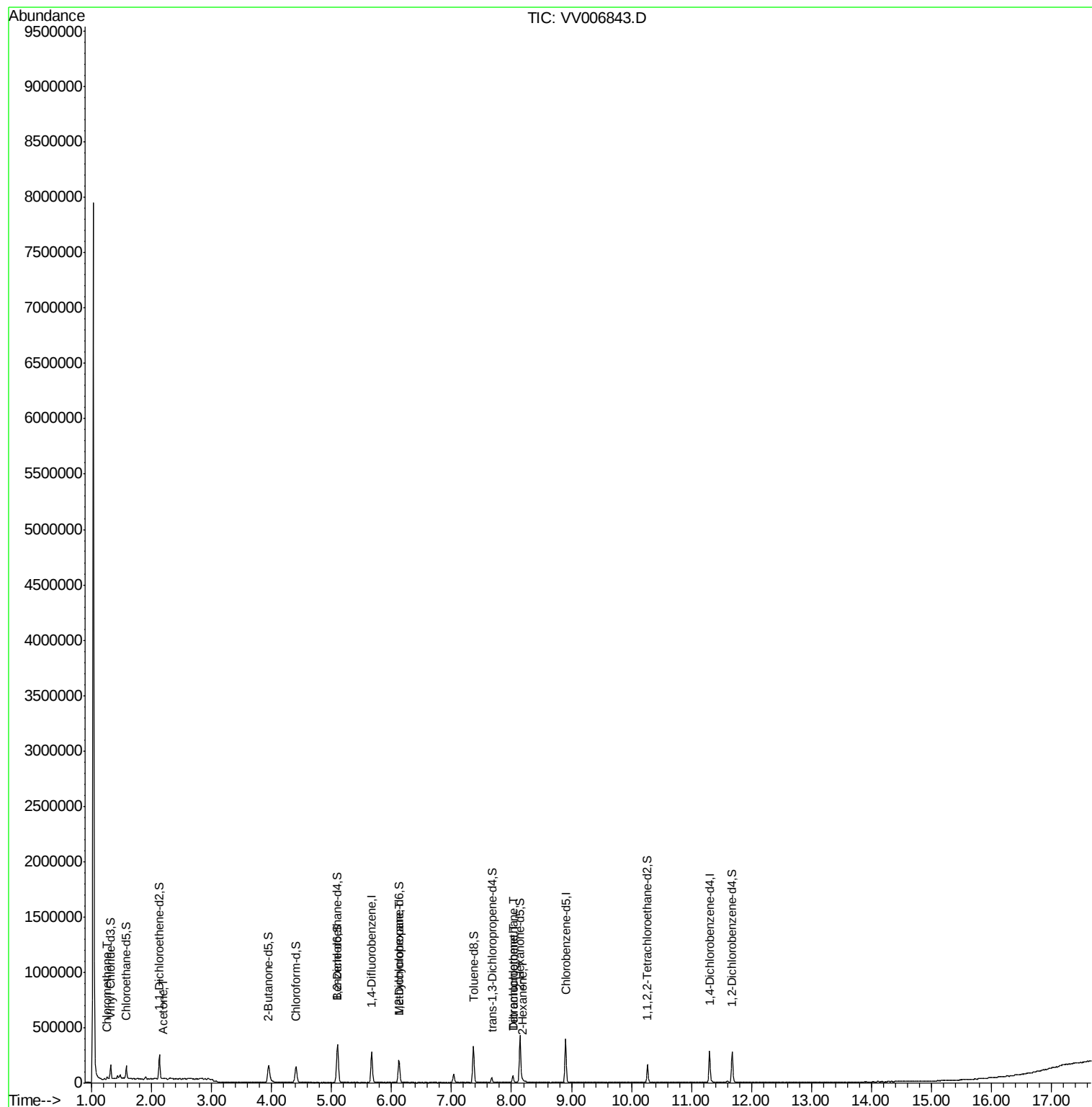
					Ovalue
3) Chloromethane	1.26	50	15951	0.588 ug/L	95
13) Acetone	2.19	43	4776	1.717 ug/L	81
35) Methylcyclohexane	6.12	83	24284	0.890 ug/L #	19
47) Tetrachloroethene	8.03	164	14232	1.040 ug/L	98
48) 2-Hexanone	8.19	43	4797	0.722 ug/L #	41
49) Dibromochloromethane	8.02	129	13464	1.041 ug/L #	10

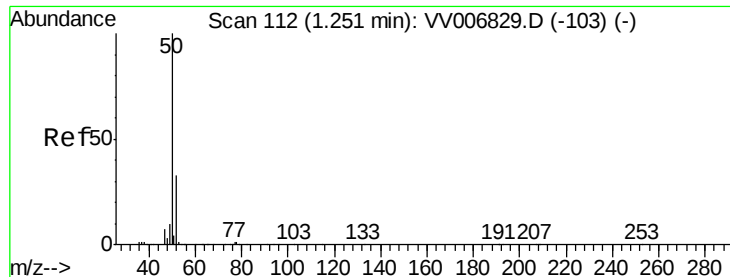
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 03 04:21:42 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.588 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.01 min

Lab File: VV006843.D

Acq: 03 Aug 2018 07:59

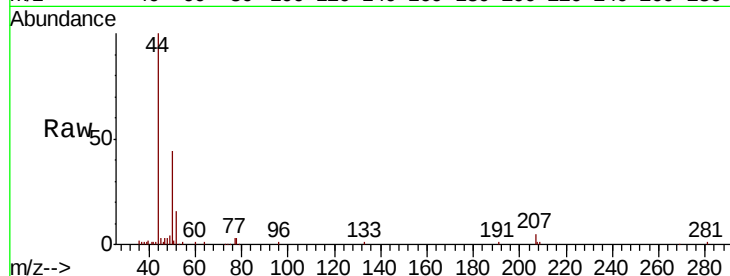
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 15951

Ion Ratio Lower Upper

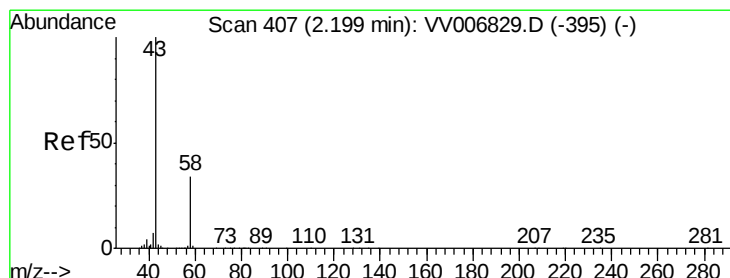
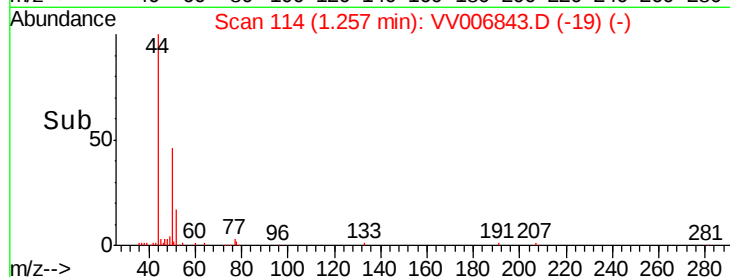
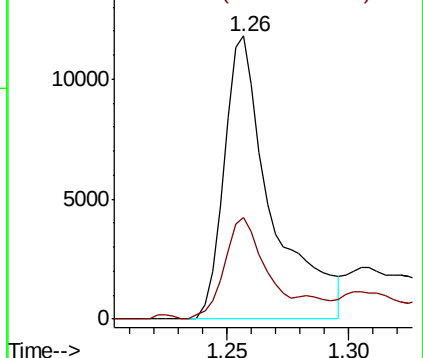
50 100

52 36.1 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 1.717 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006843.D

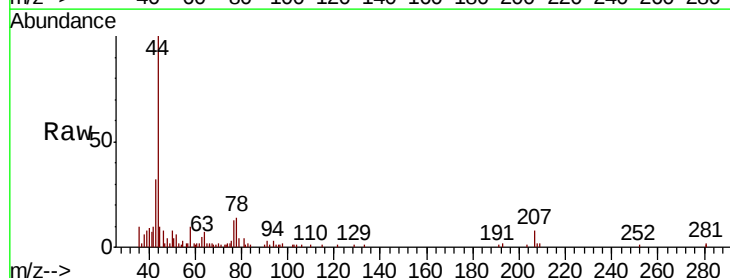
Acq: 03 Aug 2018 07:59

Tgt Ion: 43 Resp: 4776

Ion Ratio Lower Upper

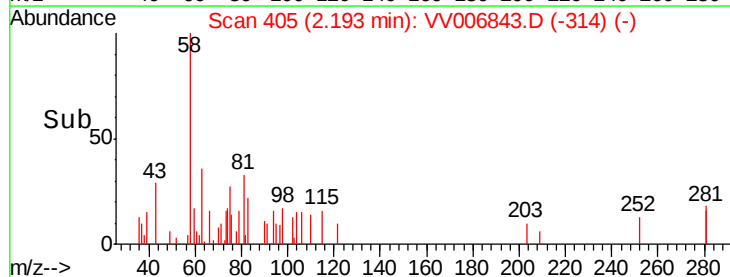
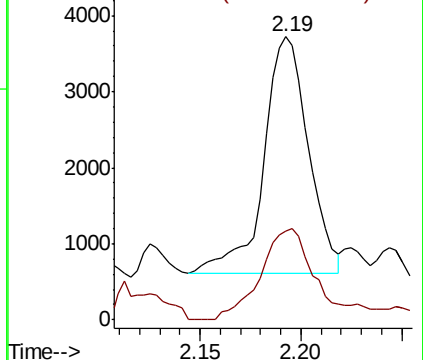
43 100

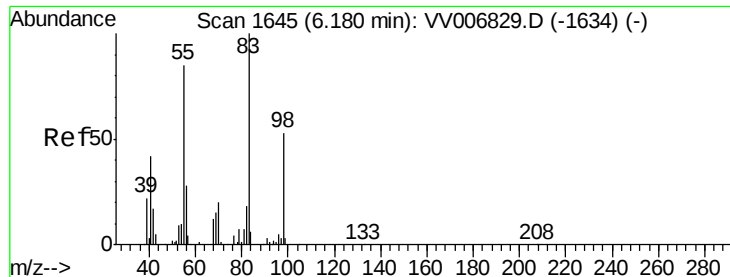
58 45.2 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

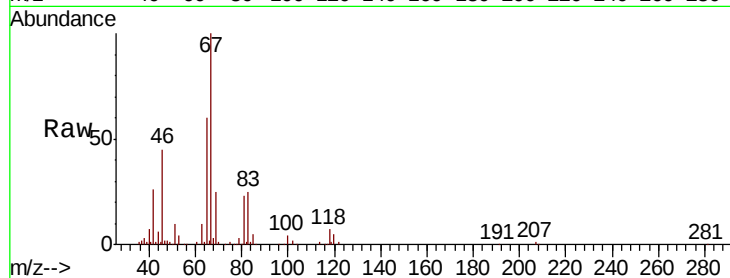




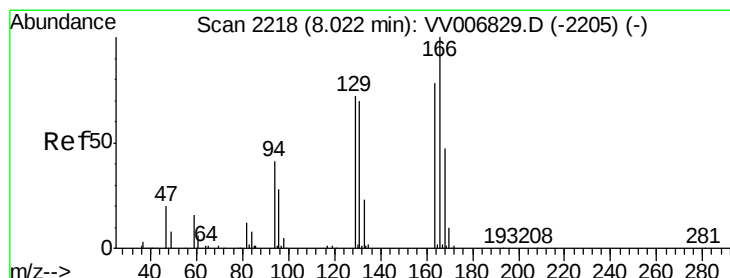
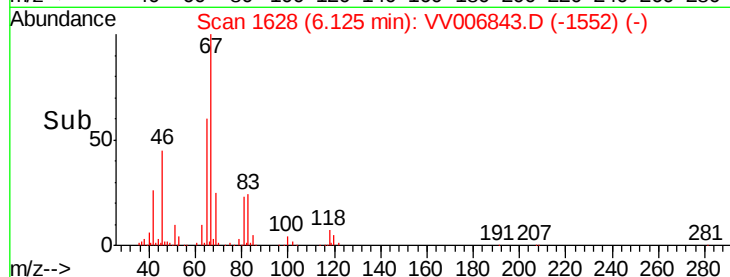
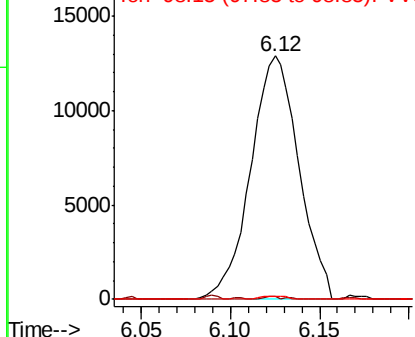
#35
Methvlcvclohexane
Concen: 0.890 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006843.D
Acq: 03 Aug 2018 07:59

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 24284
Ion Ratio Lower Upper
83 100
55 0.3 61.8 92.6#
98 0.8 37.2 55.8#

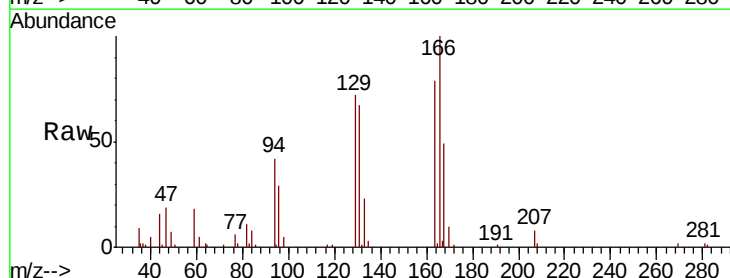


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

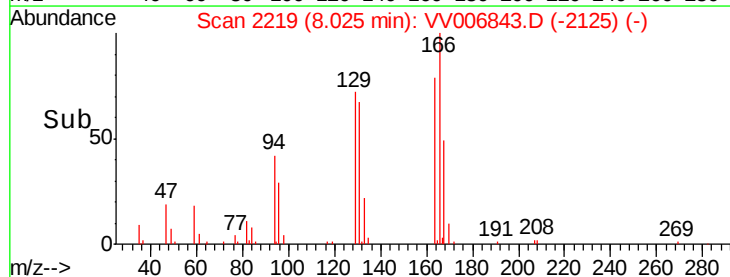
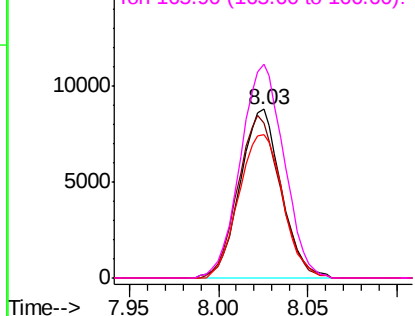


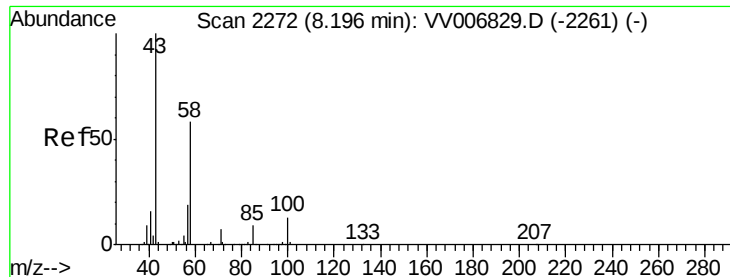
#47
Tetrachloroethene
Concen: 1.040 ug/L
RT: 8.03 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VV006843.D
Acq: 03 Aug 2018 07:59

Tgt Ion:164 Resp: 14232
Ion Ratio Lower Upper
164 100
129 91.6 61.1 113.5
131 84.8 59.1 109.7
166 126.7 88.3 163.9



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

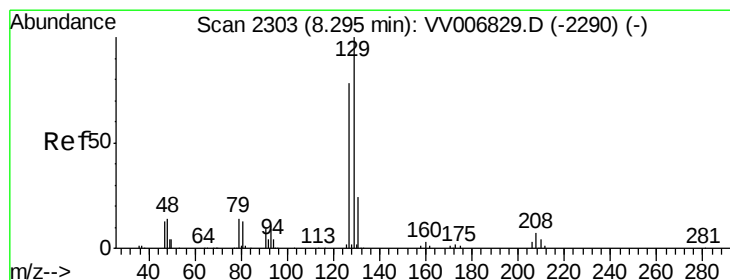
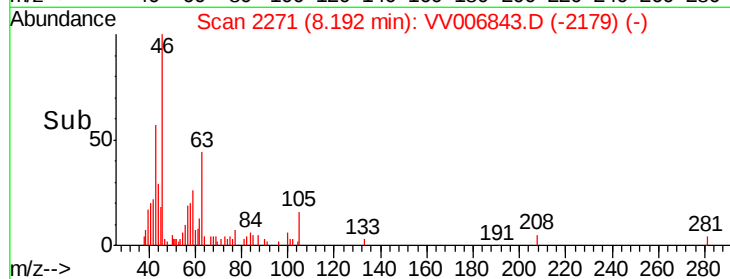
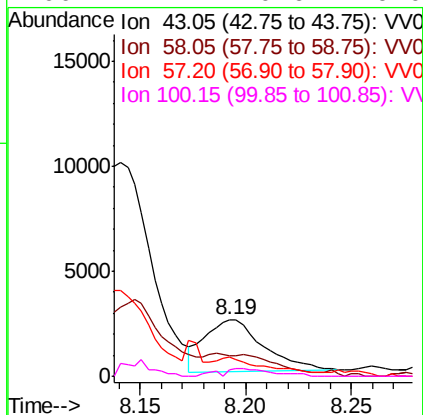
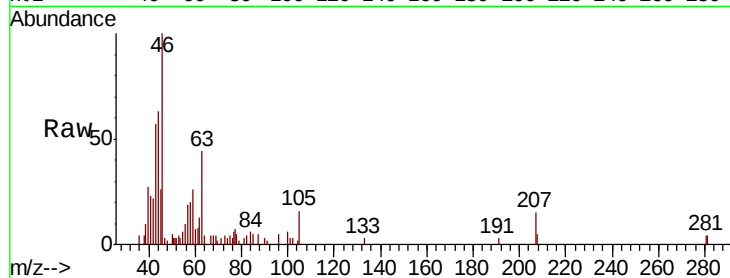




#48
2-Hexanone
Concen: 0.722 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV006843.D
Acq: 03 Aug 2018 07:59

Instrument :
MSVOA_V
ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.4	68.0#
57	31.7	15.4	23.2#
100	2.4	10.6	16.0#



#49
Dibromochloromethane
Concen: 1.041 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV006843.D
Acq: 03 Aug 2018 07:59

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.4#

