

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006846.D
 Acq On : 03 Aug 2018 09:20
 Operator : SY/MD
 Sample : J4261-01
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 11:28:09 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	219832	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	208076	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74161	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79444	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.58	69	78777	5.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.00%
11) 1,1-Dichloroethene-d2	2.13	63	116060	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	3.95	46	252301	68.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.64%#
24) Chloroform-d	4.41	84	157684	5.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.40%
26) 1,2-Dichloroethane-d4	5.09	65	86116	6.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.20%
32) Benzene-d6	5.10	84	302454	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.12	67	104749	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.00%
41) Toluene-d8	7.37	98	230022	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.67	79	29975	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.14	63	149896	51.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	85078	6.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.20%#
64) 1,2-Dichlorobenzene-d4	11.68	152	78621	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

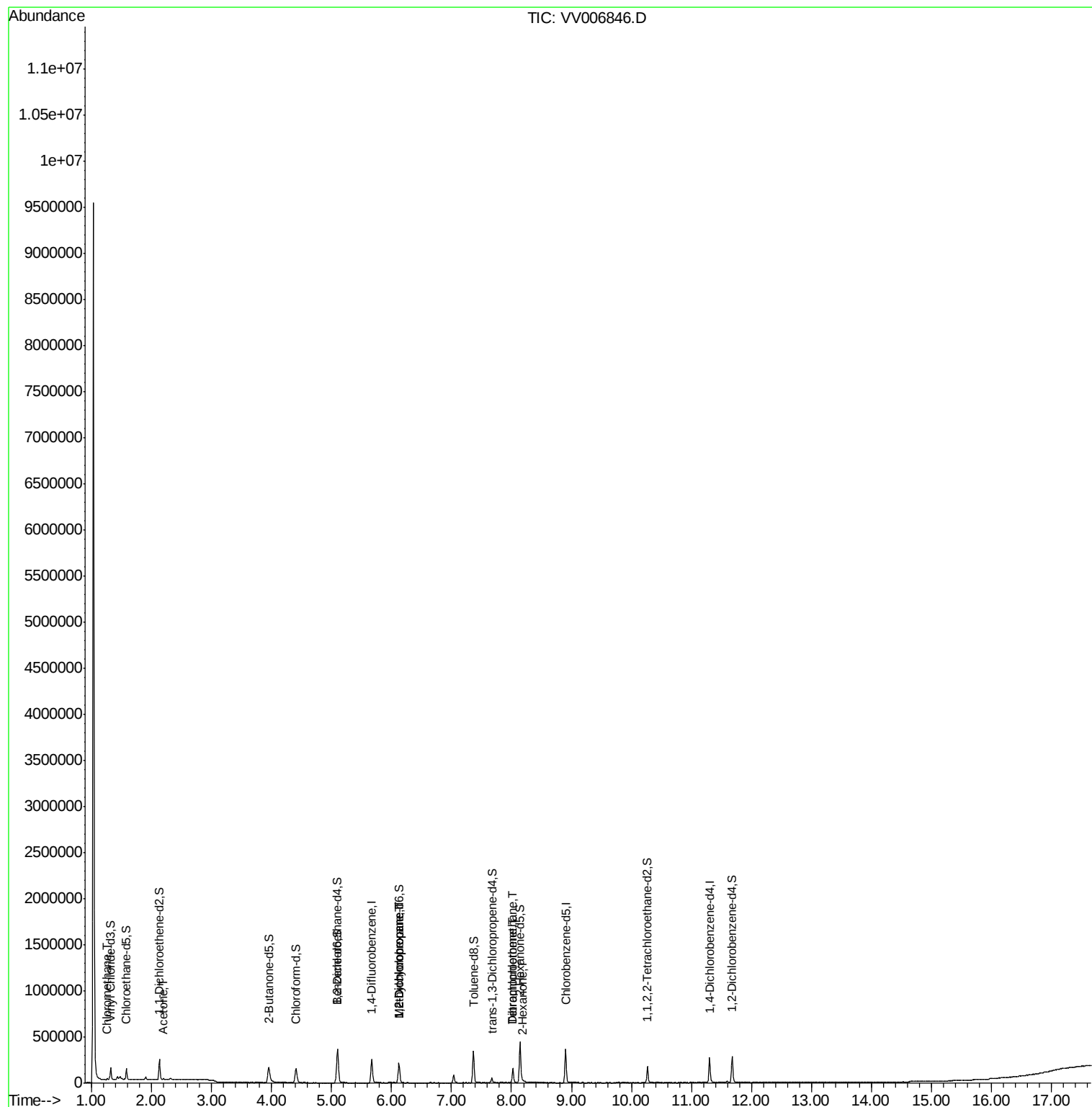
					Ovalue
3) Chloromethane	1.26	50	12022	0.474 ug/L	99
13) Acetone	2.19	43	10046	3.858 ug/L	96
35) Methylcyclohexane	6.13	83	24715	0.957 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	10937	0.652 ug/L #	90
47) Tetrachloroethene	8.02	164	34354	2.650 ug/L	97
48) 2-Hexanone	8.20	43	4453	0.707 ug/L #	92
49) Dibromochloromethane	8.02	129	31559	2.576 ug/L #	10

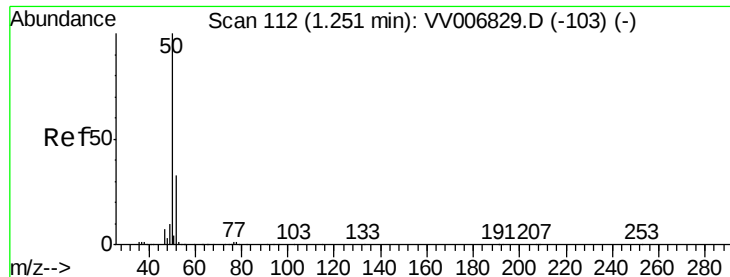
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.474 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.01 min

Lab File: VV006846.D

Acq: 03 Aug 2018 09:20

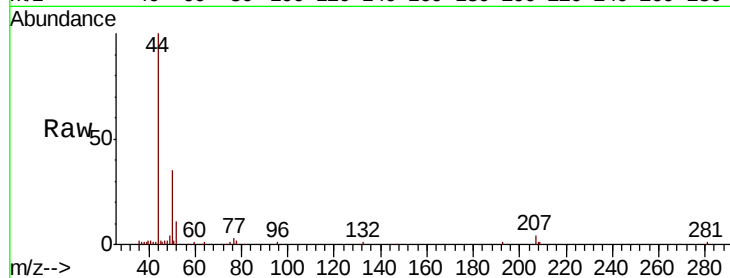
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 12022

Ion Ratio Lower Upper

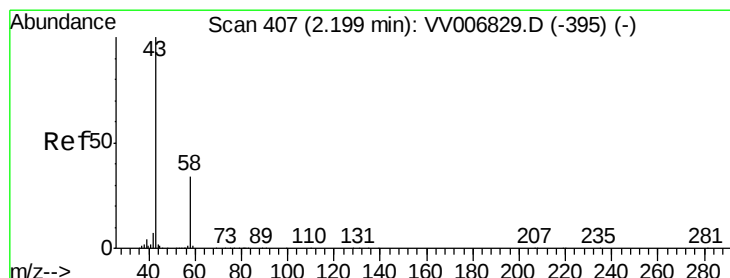
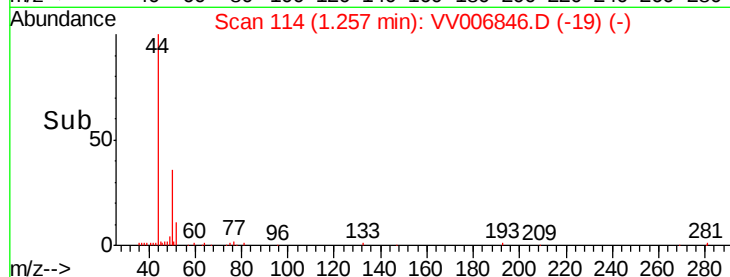
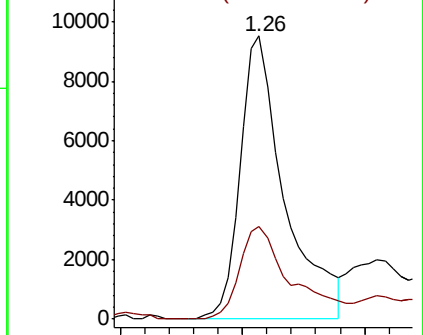
50 100

52 32.5 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: 3.858 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006846.D

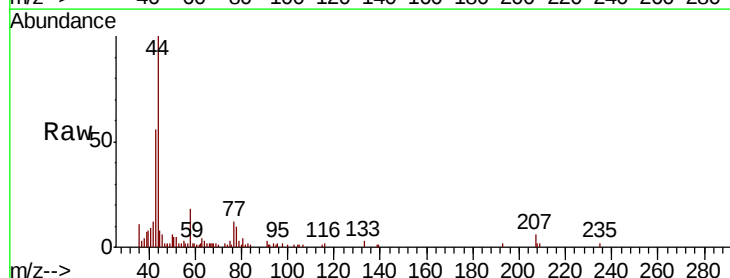
Acq: 03 Aug 2018 09:20

Tgt Ion: 43 Resp: 10046

Ion Ratio Lower Upper

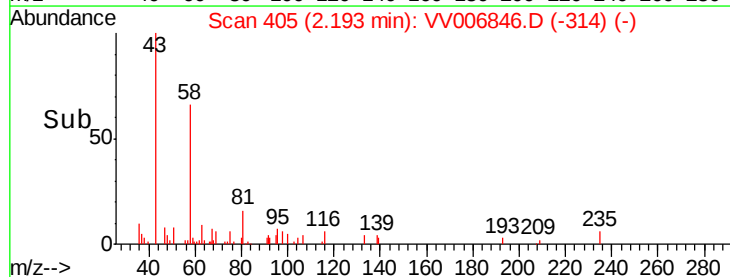
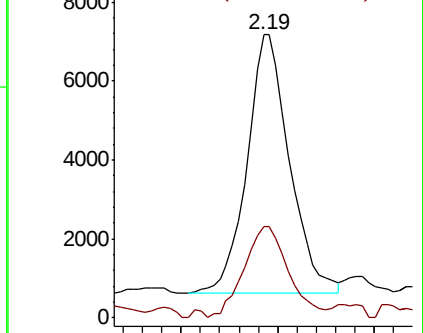
43 100

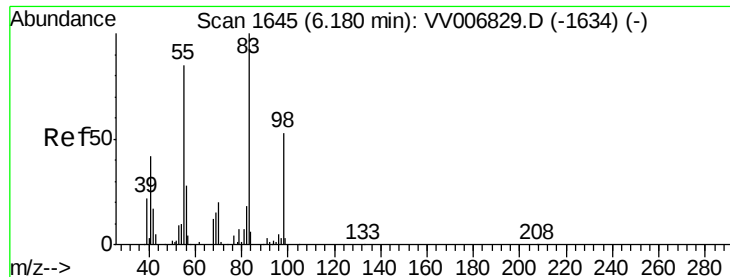
58 37.0 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#35

Methylcyclohexane

Concen: 0.957 ug/L

RT: 6.13 min Scan# 1629

Delta R.T. -0.05 min

Lab File: VV006846.D

Acq: 03 Aug 2018 09:20

Instrument :
MSVOA_V
ClientSampleId :

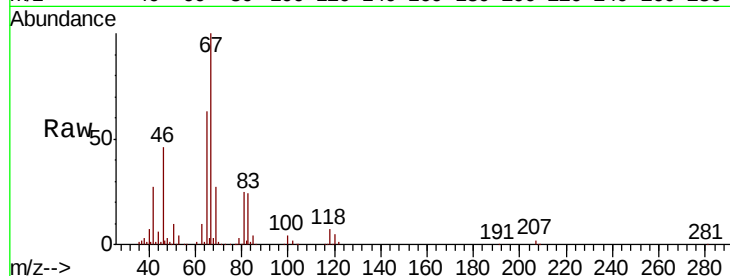
Tot Ion: 83 Resp: 24715

Ion Ratio Lower Upper

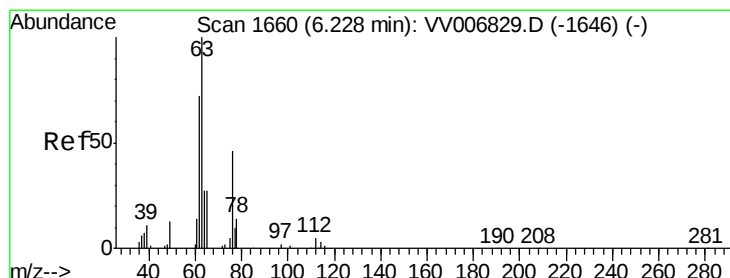
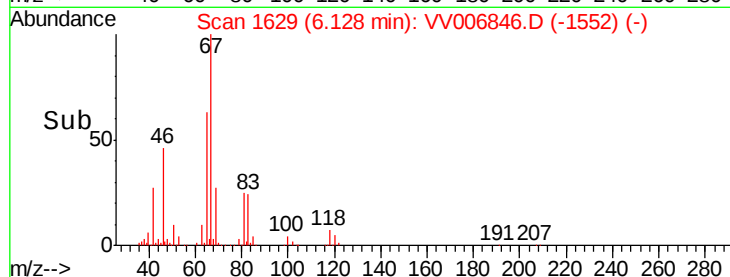
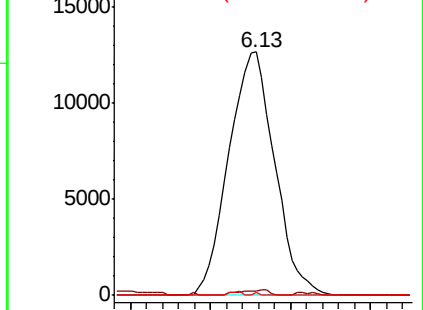
83 100

55 1.4 61.8 92.6#

98 0.1 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



#37

1,2-Dichloropropane

Concen: 0.652 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006846.D

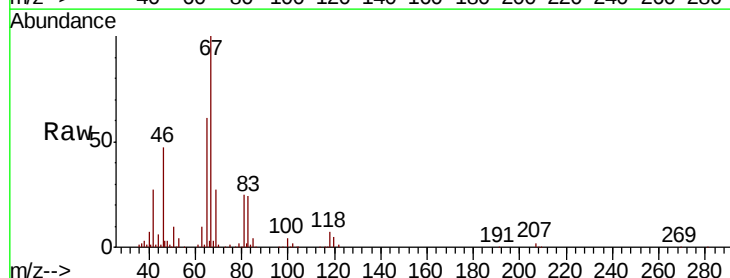
Acq: 03 Aug 2018 09:20

Tgt Ion: 63 Resp: 10937

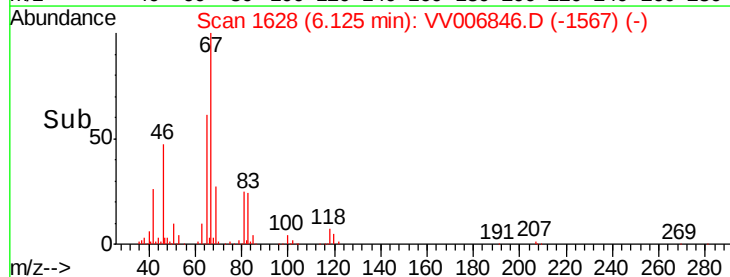
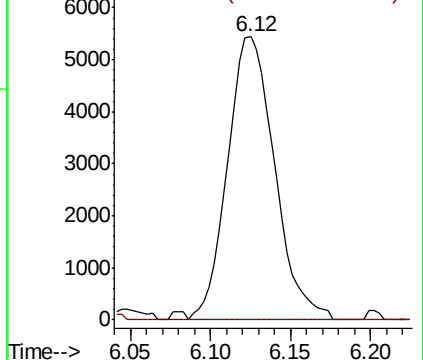
Ion Ratio Lower Upper

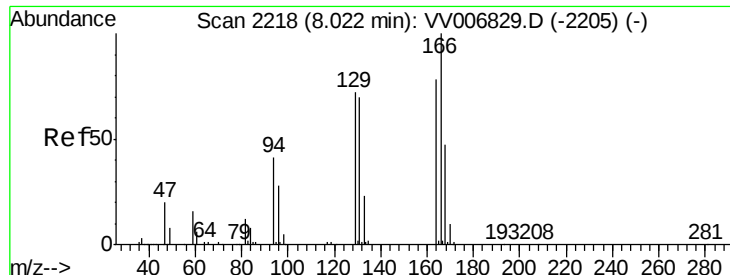
63 100

112 0.4 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

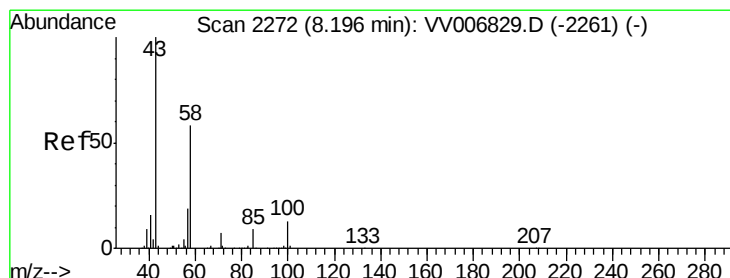
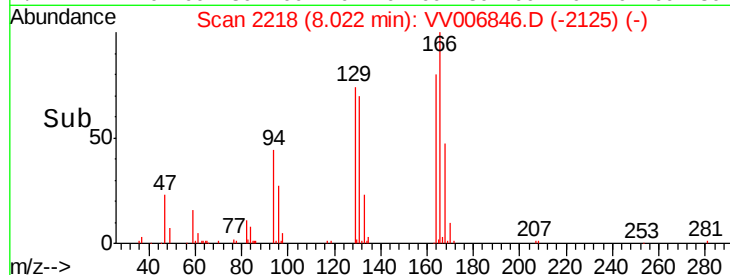
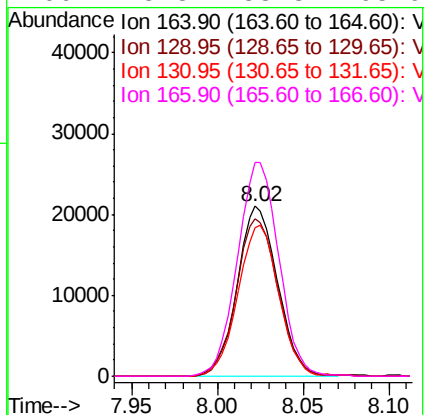
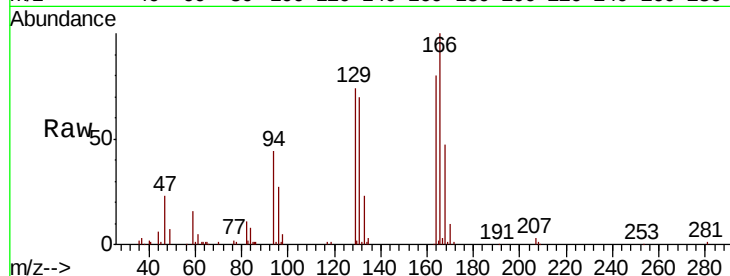




#47
Tetrachloroethene
Concen: 2.650 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VV006846.D
Acq: 03 Aug 2018 09:20

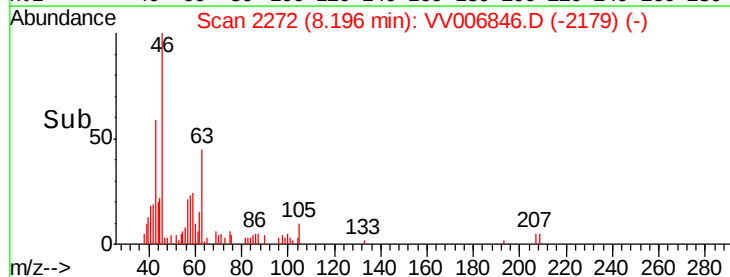
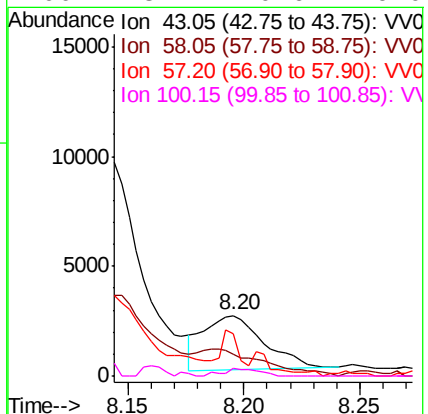
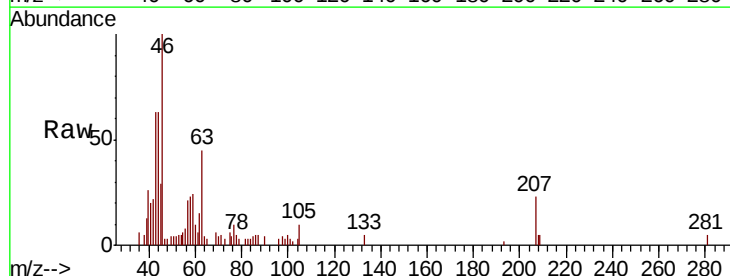
Instrument :
MSVOA_V
ClientSampleId :

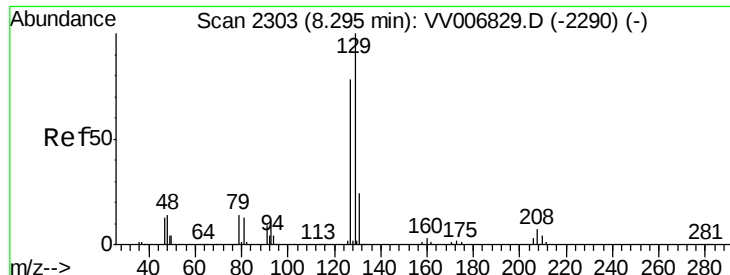
Tot Ion:164 Resp: 34354
Ion Ratio Lower Upper
164 100
129 92.9 61.1 113.5
131 87.8 59.1 109.7
166 125.8 88.3 163.9



#48
2-Hexanone
Concen: 0.707 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV006846.D
Acq: 03 Aug 2018 09:20

Tgt Ion: 43 Resp: 4453
Ion Ratio Lower Upper
43 100
58 55.0 45.4 68.0
57 29.2 15.4 23.2#
100 8.4 10.6 16.0#





#49

Dibromochloromethane

Concen: 2.576 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV006846.D

Acq: 03 Aug 2018 09:20

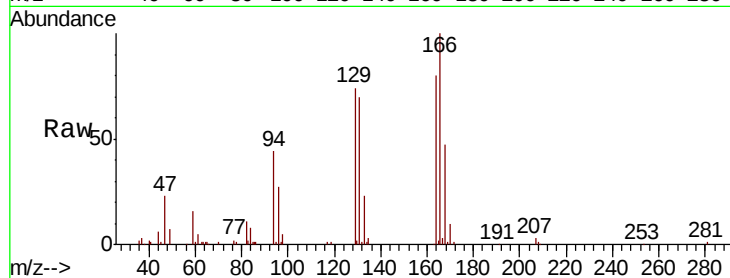
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 31559

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.4#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

