

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080418\
 Data File : VV006879.D
 Acq On : 04 Aug 2018 13:51
 Operator : SY/MD
 Sample : J4314-10
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 03:24:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 06 03:23:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	284315	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	270722	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104446	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104154	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.58	69	94959	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	2.13	63	151791	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	3.96	46	234828	49.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.34%
24) Chloroform-d	4.41	84	189553	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.09	65	94725	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.11	84	353303	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	119878	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.37	98	268354	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	7.67	79	37329	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.15	63	140655	37.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.02%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	89946	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	95027	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

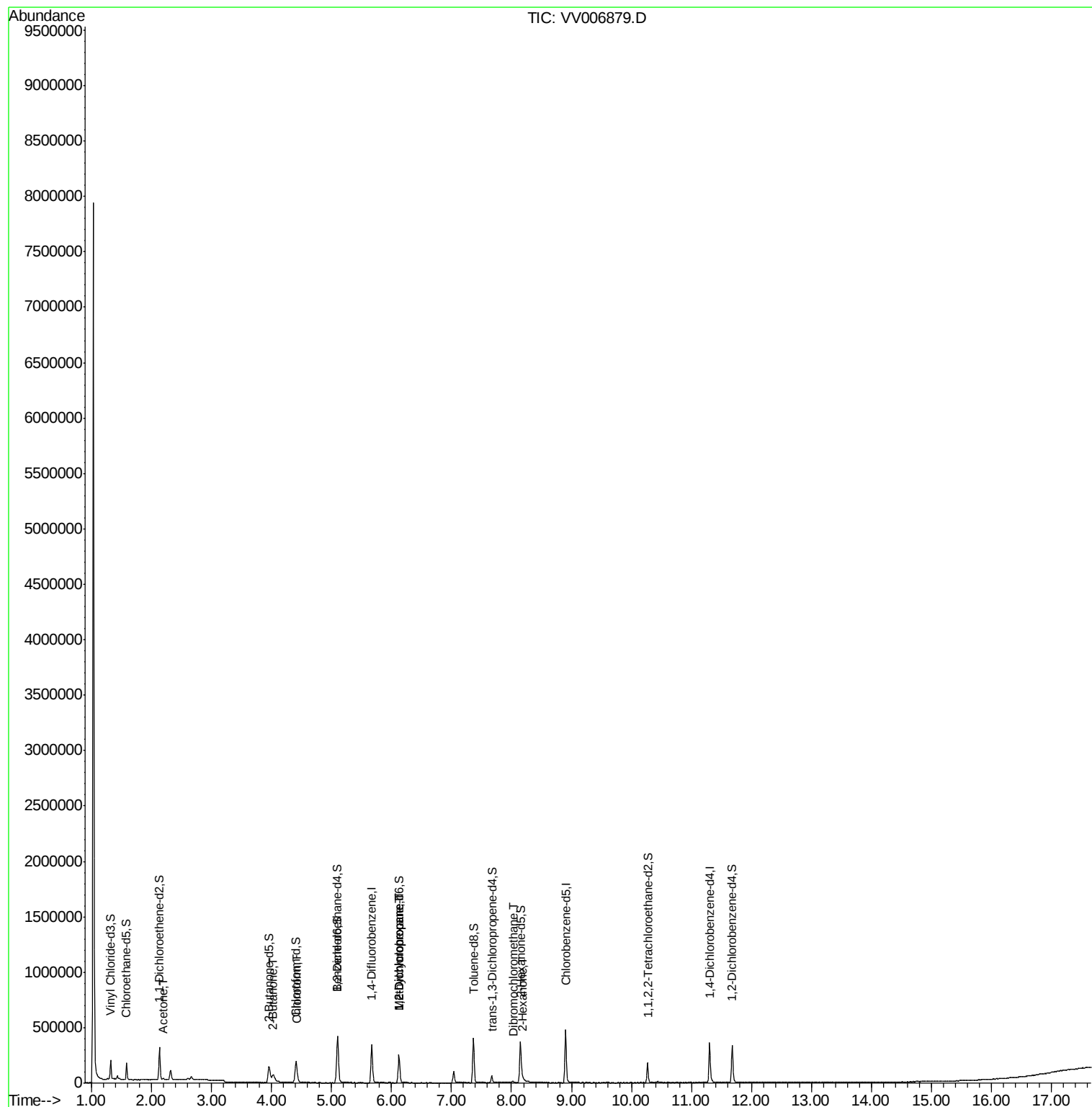
					Ovalue
13) Acetone	2.20	43	9008	2.675	ug/L 100
21) 2-Butanone	4.03	43	1911	0.371	ug/L 90
25) Chloroform	4.43	83	23154	0.644	ug/L 87
35) Methylcyclohexane	6.12	83	28838	0.858	ug/L # 19
37) 1,2-Dichloropropane	6.12	63	13014	0.597	ug/L # 89
48) 2-Hexanone	8.20	43	6514	0.795	ug/L # 38
49) Dibromochloromethane	8.02	129	3509	0.220	ug/L # 10

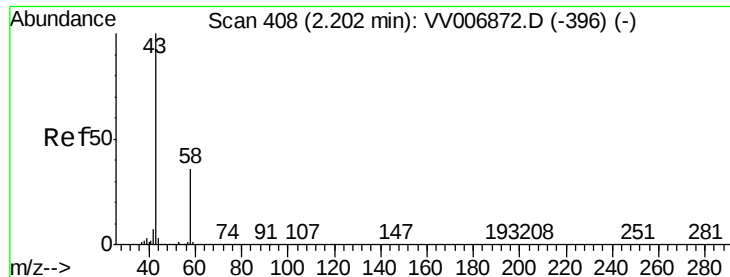
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 06 03:23:10 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.675 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.01 min

Lab File: VV006879.D

Acq: 04 Aug 2018 13:51

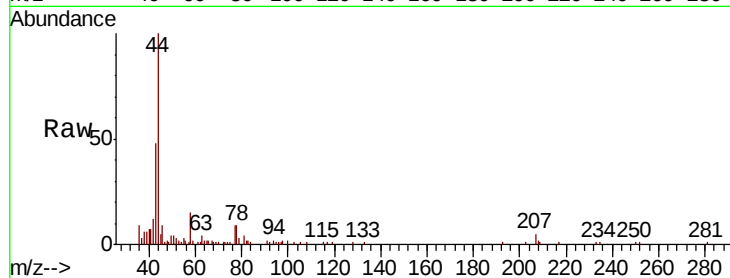
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 9008

Ion Ratio Lower Upper

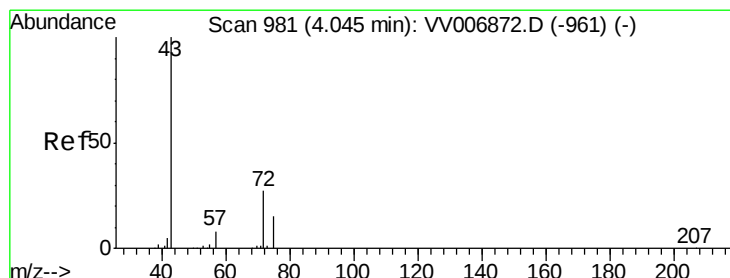
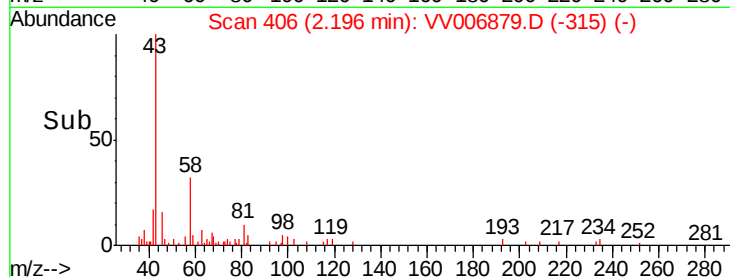
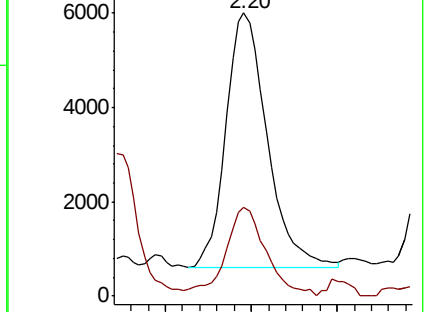
43 100

58 34.5 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV006872.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV006872.D (-396) (-)



#21

2-Butanone

Concen: 0.371 ug/L

RT: 4.03 min Scan# 976

Delta R.T. -0.02 min

Lab File: VV006879.D

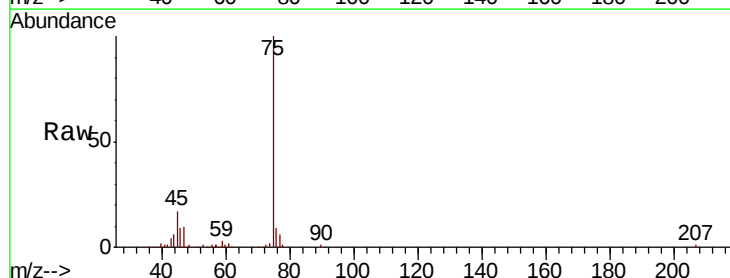
Acq: 04 Aug 2018 13:51

Tgt Ion: 43 Resp: 1911

Ion Ratio Lower Upper

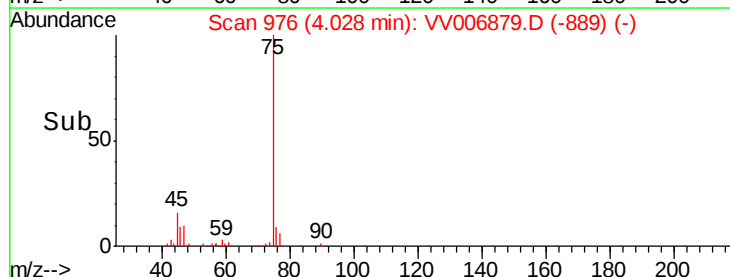
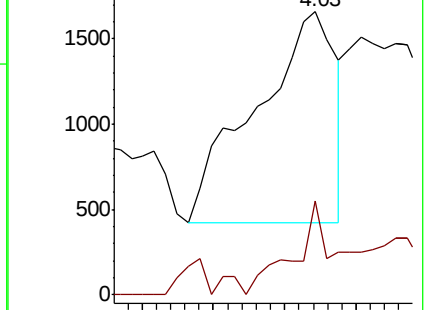
43 100

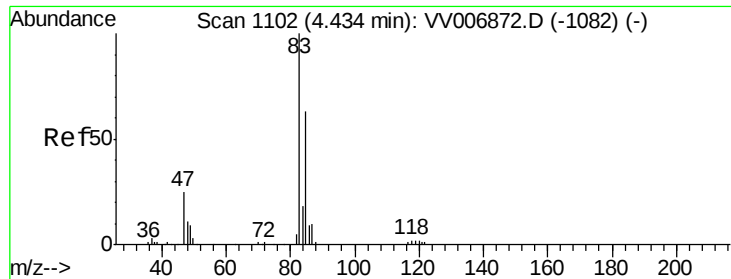
72 21.8 13.4 40.1



Abundance Ion 43.05 (42.75 to 43.75): VV006872.D (-961) (-)

Ion 72.10 (71.80 to 72.80): VV006872.D (-961) (-)





#25

Chloroform

Concen: 0.644 ug/L

RT: 4.43 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV006879.D

Acq: 04 Aug 2018 13:51

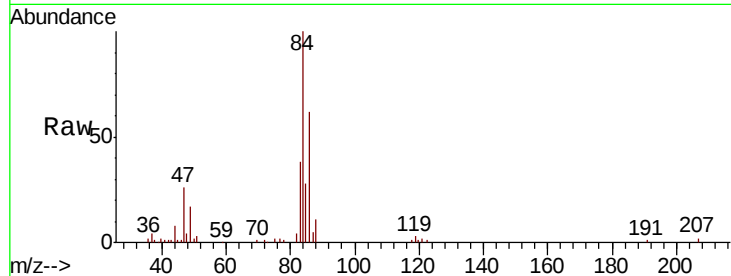
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 23154

Ion Ratio Lower Upper

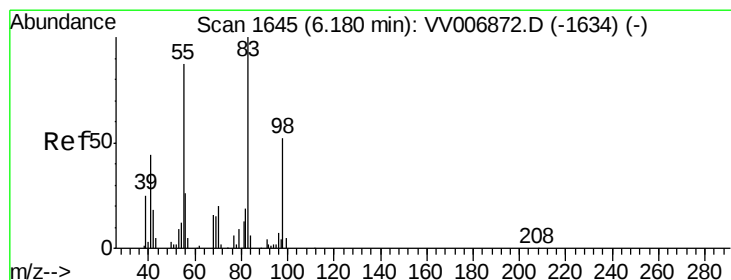
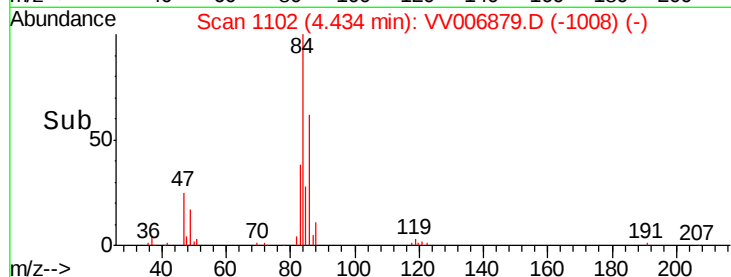
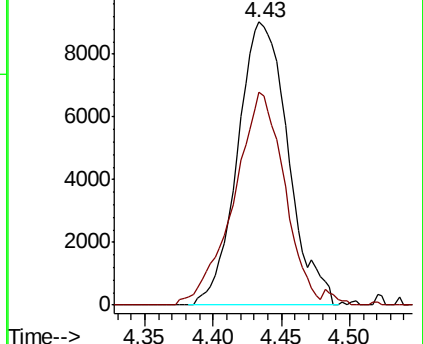
83 100

85 75.1 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VV006872.D (-1082) (-)

Ion 85.00 (84.70 to 85.70): VV006872.D (-1082) (-)



#35

Methylcyclohexane

Concen: 0.858 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006879.D

Acq: 04 Aug 2018 13:51

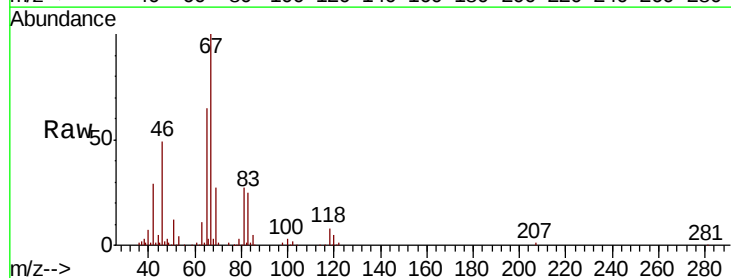
Tgt Ion: 83 Resp: 28838

Ion Ratio Lower Upper

83 100

55 0.7 61.8 92.6#

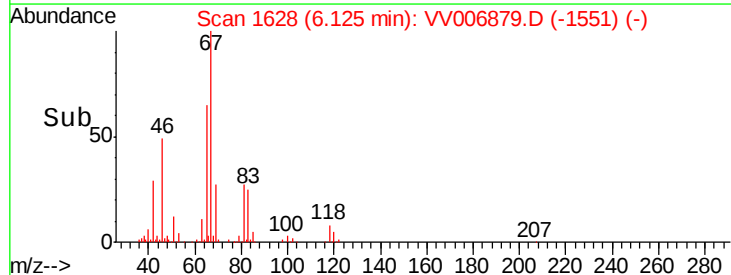
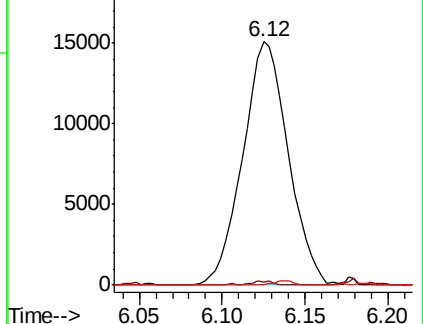
98 0.7 37.2 55.8#

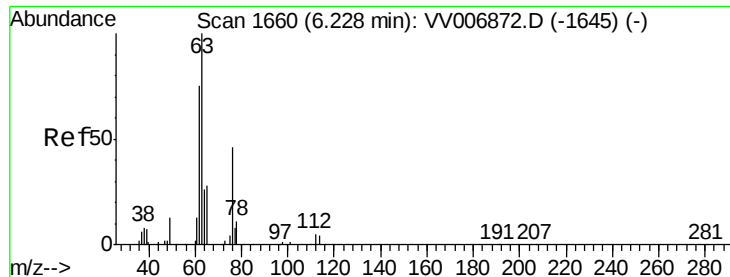


Abundance Ion 83.15 (82.85 to 83.85): VV006872.D (-1634) (-)

Ion 55.10 (54.80 to 55.80): VV006872.D (-1634) (-)

Ion 98.15 (97.85 to 98.85): VV006872.D (-1634) (-)

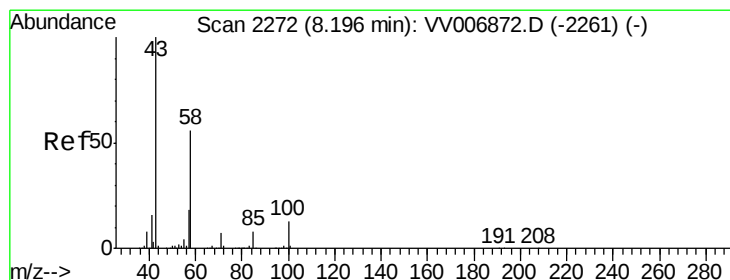
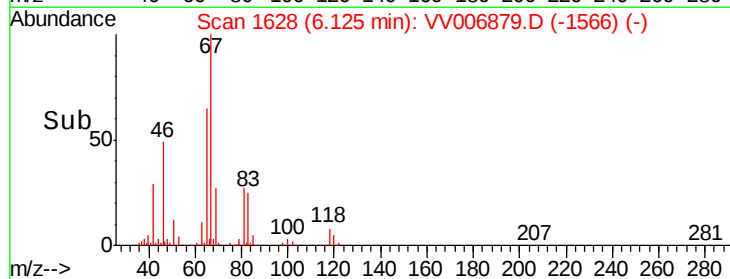
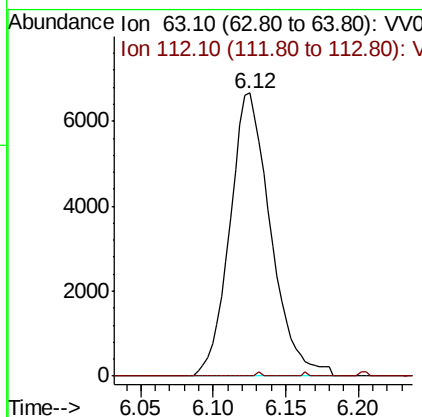
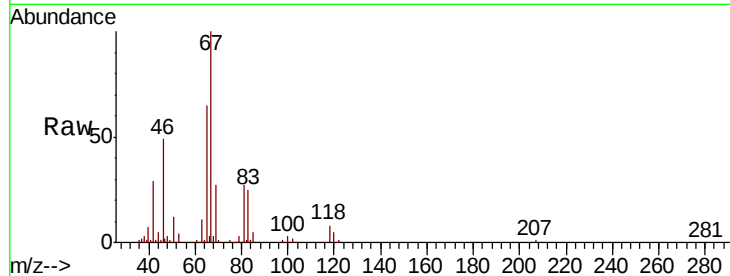




#37
 1,2-Dichloropropane
 Concen: 0.597 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006879.D
 Acq: 04 Aug 2018 13:51

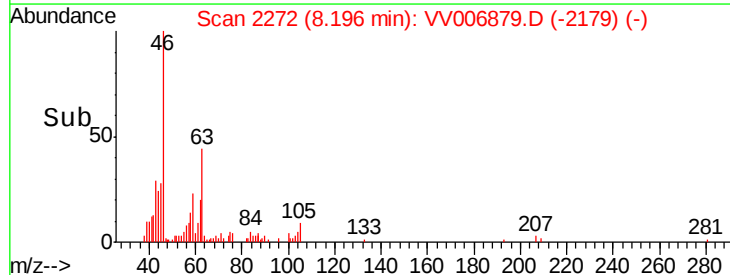
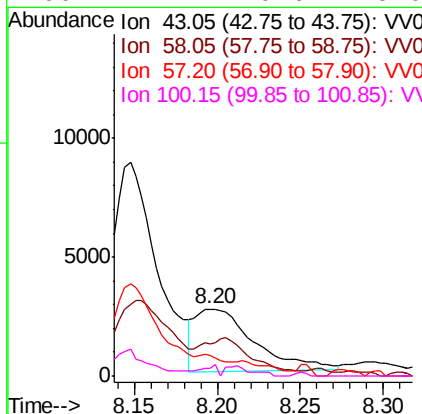
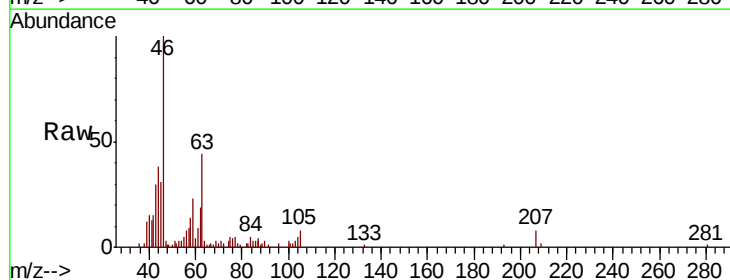
Instrument :
 MSVOA_V
 ClientSampleId :

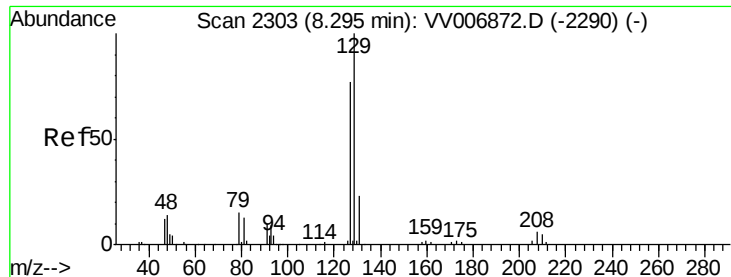
Tot Ion: 63 Resp: 13014
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.0 4.6#



#48
 2-Hexanone
 Concen: 0.795 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VV006879.D
 Acq: 04 Aug 2018 13:51

Tgt Ion: 43 Resp: 6514
 Ion Ratio Lower Upper
 43 100
 58 0.0 45.4 68.0#
 57 0.0 15.4 23.2#
 100 4.2 10.6 16.0#





#49

Dibromochloromethane

Concen: 0.220 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV006879.D

Acq: 04 Aug 2018 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 3509

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.4#

