

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006841.D
 Acq On : 03 Aug 2018 07:06
 Operator : SY/MD
 Sample : J4227-09
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 09:09:24 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	223822	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202494	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77820	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80514	5.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.58	69	72939	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.13	63	111942	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	3.95	46	226389	60.21	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.42%
24) Chloroform-d	4.41	84	148474	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.09	65	78984	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.10	84	283737	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.12	67	98090	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.37	98	220111	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.67	79	27044	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.14	63	141220	49.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	77933	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	76747	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

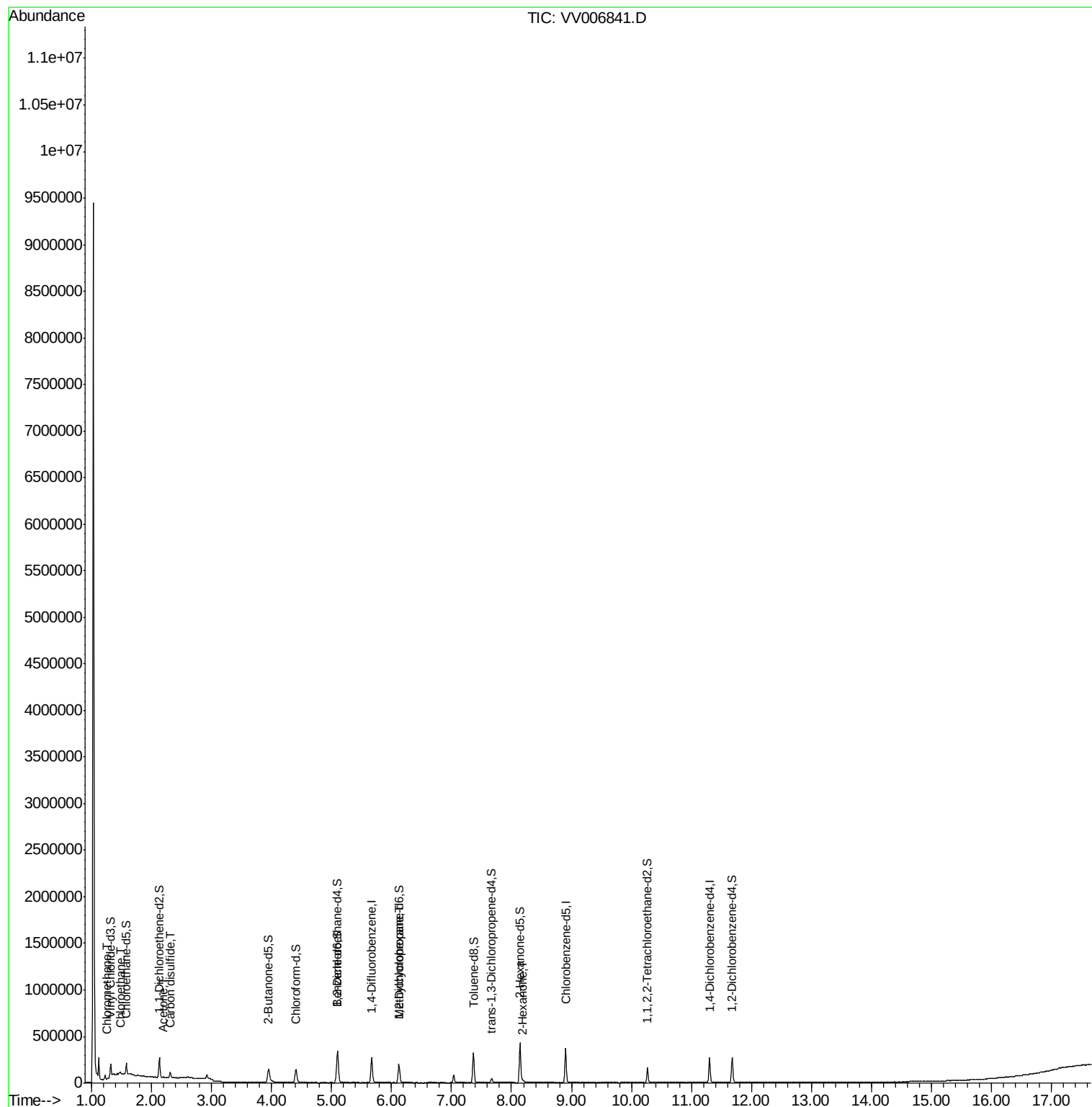
					Ovalue
3) Chloromethane	1.26	50	10521	0.407 ug/L	98
8) Chloroethane	1.49	64	9914	0.735 ug/L #	52
13) Acetone	2.19	43	6649	2.508 ug/L	90
14) Carbon disulfide	2.32	76	12148	0.286 ug/L #	57
35) Methylcyclohexane	6.12	83	22234	0.884 ug/L #	19
48) 2-Hexanone	8.19	43	4779	0.780 ug/L #	78

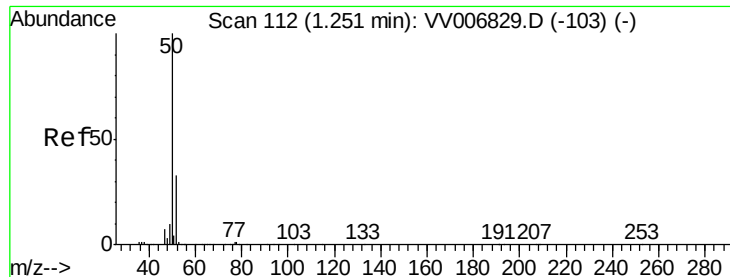
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.407 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.01 min

Lab File: VV006841.D

Acq: 03 Aug 2018 07:06

Instrument :

MSVOA_V

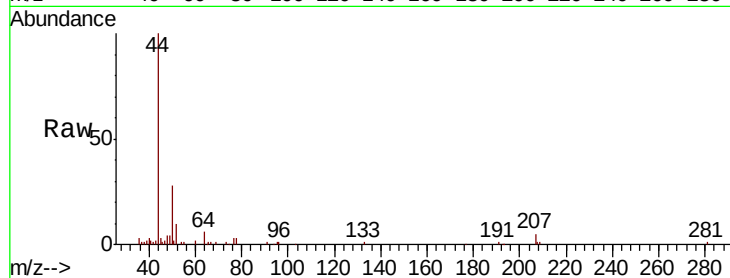
ClientSampleId :

Tot Ion: 50 Resp: 10521

Ion Ratio Lower Upper

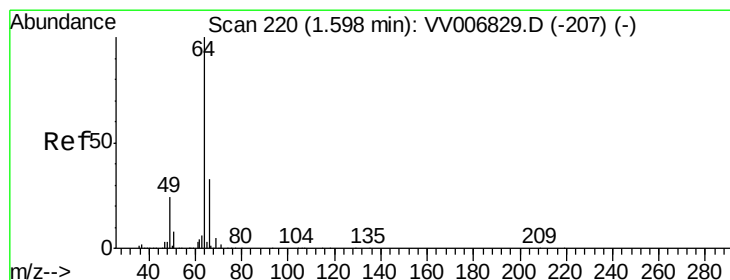
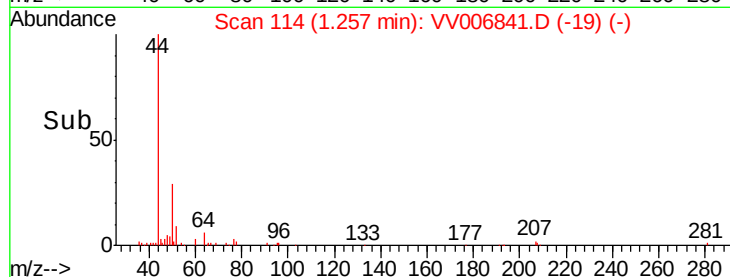
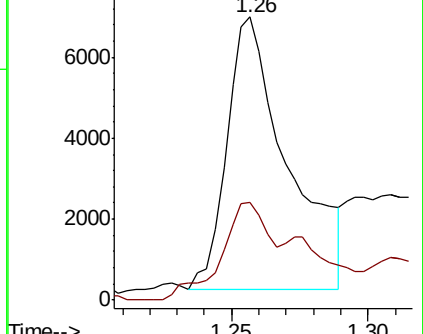
50 100

52 34.6 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV006829.D (-103) (-)

Ion 52.05 (51.75 to 52.75): VV006829.D (-103) (-)



#8

Chloroethane

Concen: 0.735 ug/L

RT: 1.49 min Scan# 187

Delta R.T. -0.11 min

Lab File: VV006841.D

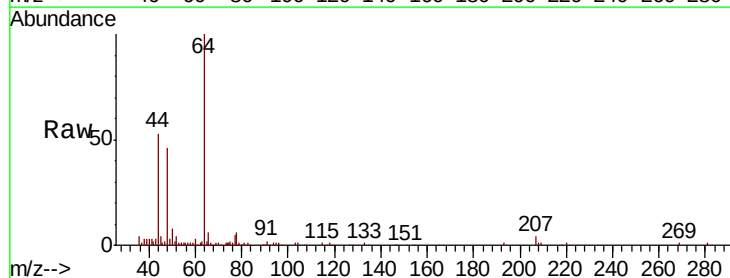
Acq: 03 Aug 2018 07:06

Tgt Ion: 64 Resp: 9914

Ion Ratio Lower Upper

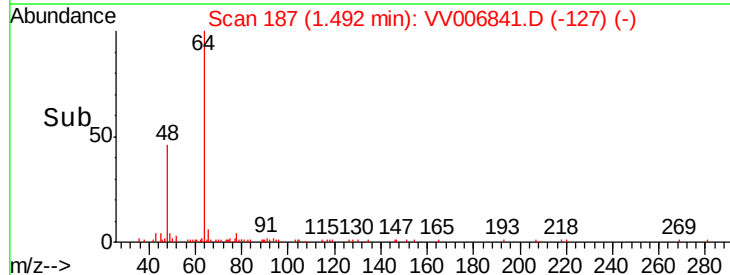
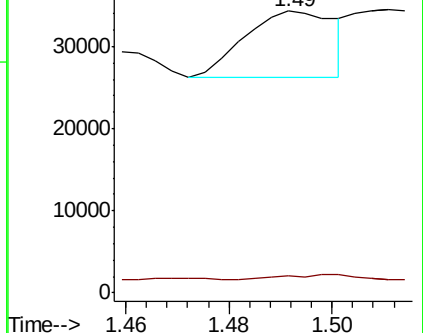
64 100

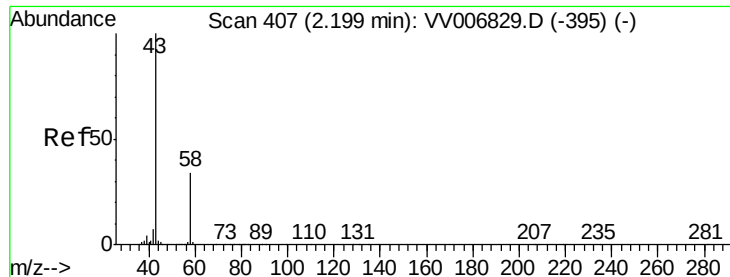
66 6.0 23.0 42.6#



Abundance Ion 64.10 (63.80 to 64.80): VV006829.D (-207) (-)

Ion 66.05 (65.75 to 66.75): VV006829.D (-207) (-)





#13

Acetone

Concen: 2.508 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006841.D

Acq: 03 Aug 2018 07:06

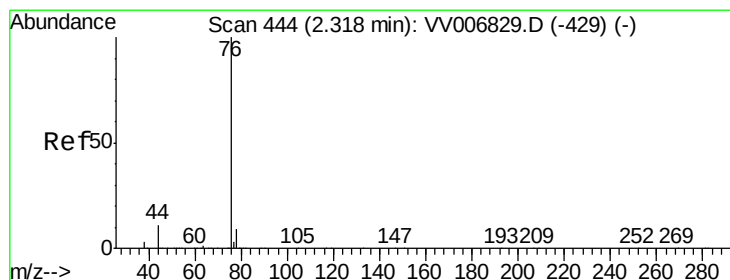
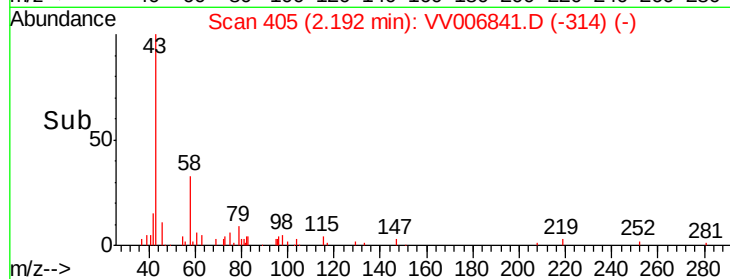
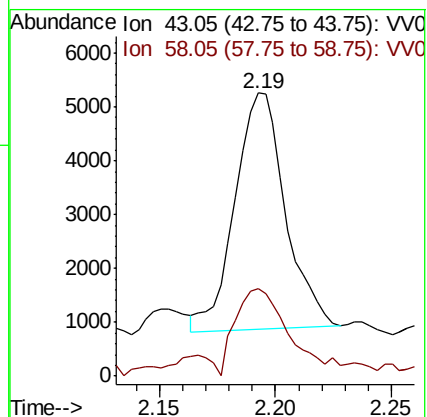
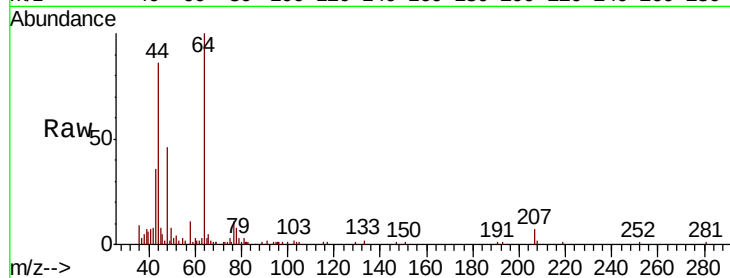
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6649

Ion Ratio Lower Upper

43 100

58 40.4 0.0 69.0



#14

Carbon disulfide

Concen: 0.286 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006841.D

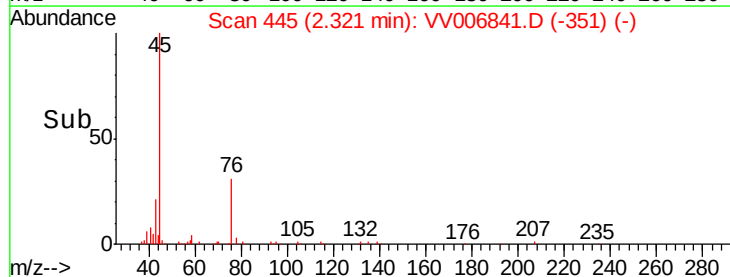
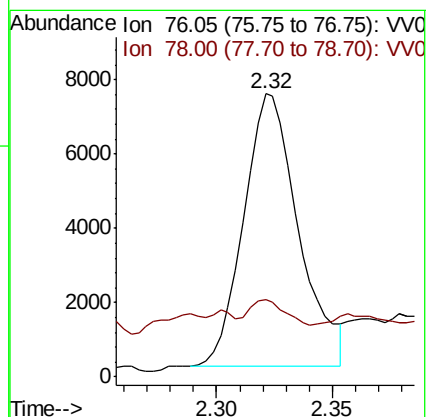
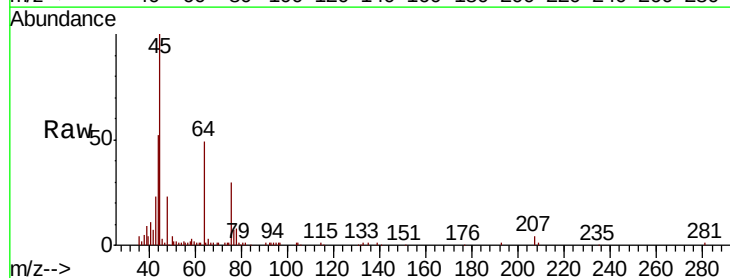
Acq: 03 Aug 2018 07:06

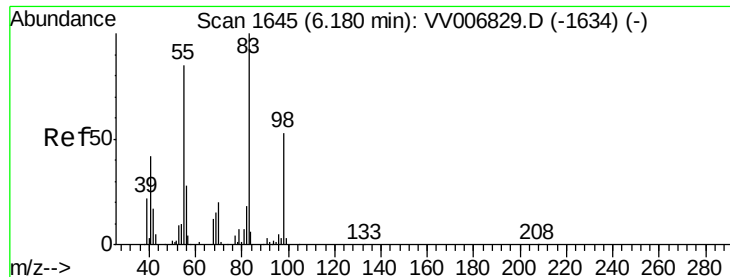
Tgt Ion: 76 Resp: 12148

Ion Ratio Lower Upper

76 100

78 27.4 8.7 13.1#

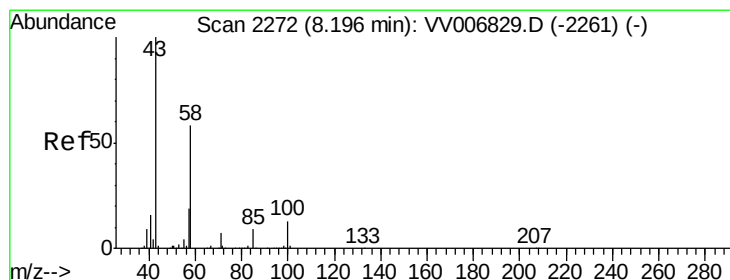
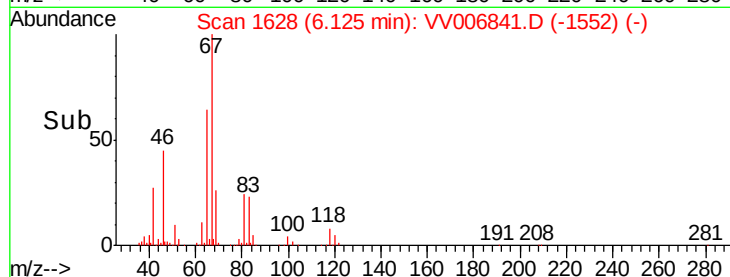
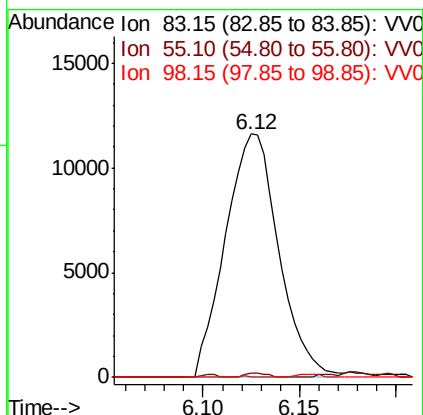
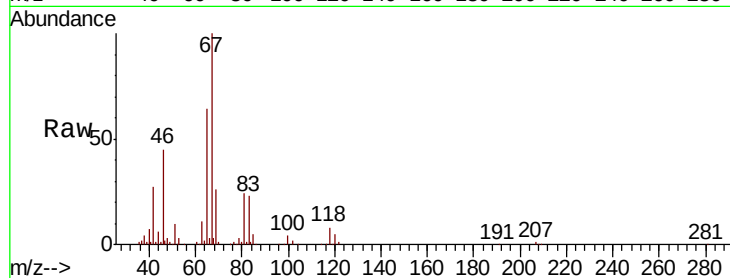




#35
Methylvlcyclohexane
Concen: 0.884 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006841.D
Acq: 03 Aug 2018 07:06

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 22234
Ion Ratio Lower Upper
83 100
55 0.7 61.8 92.6#
98 0.1 37.2 55.8#



#48
2-Hexanone
Concen: 0.780 ug/L
RT: 8.19 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VV006841.D
Acq: 03 Aug 2018 07:06

Tgt Ion: 43 Resp: 4779
Ion Ratio Lower Upper
43 100
58 38.0 45.4 68.0#
57 12.0 15.4 23.2#
100 6.5 10.6 16.0#

