

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073118\
 Data File : VV006785.D
 Acq On : 31 Jul 2018 14:58
 Operator : SY/MD
 Sample : J4225-16
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 01 01:46:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 01 01:43:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	202671	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	188664	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79397	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46524	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	46769	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.13	63	68885	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.95	46	165051	50.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.16%
24) Chloroform-d	4.41	84	106817	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.09	65	54650	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.10	84	209051	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.12	67	72499	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.36	98	170454	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.67	79	21248	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.14	63	133007	49.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	56467	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	66168	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

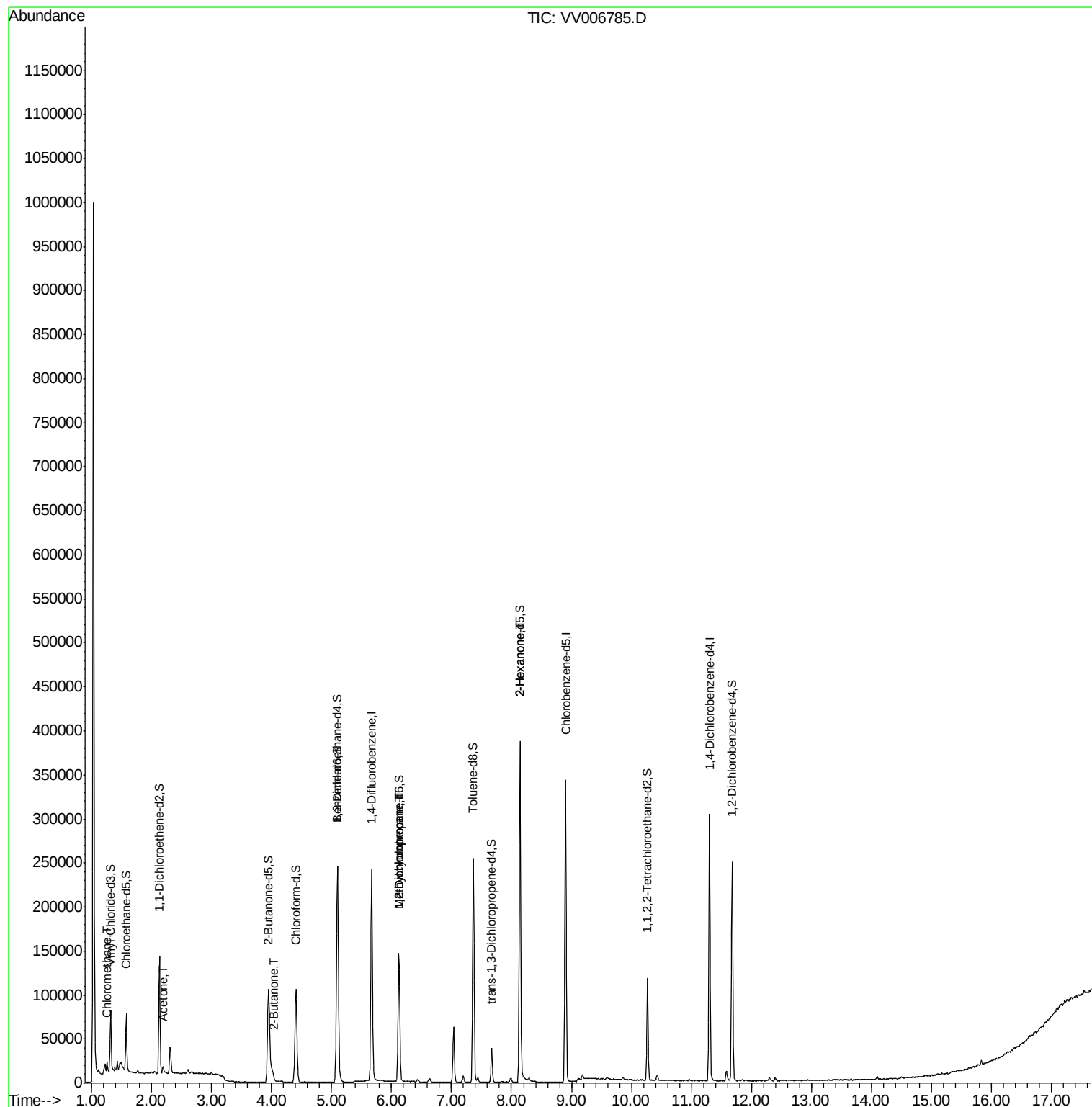
					Ovalue
3) Chloromethane	1.26	50	10384	0.671 ug/L	89
13) Acetone	2.19	43	6687	3.189 ug/L	96
21) 2-Butanone	4.04	43	1034	0.294 ug/L #	47
35) Methylcyclohexane	6.12	83	17259	0.722 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7368	0.506 ug/L #	86
48) 2-Hexanone	8.14	43	14897	2.667 ug/L #	65

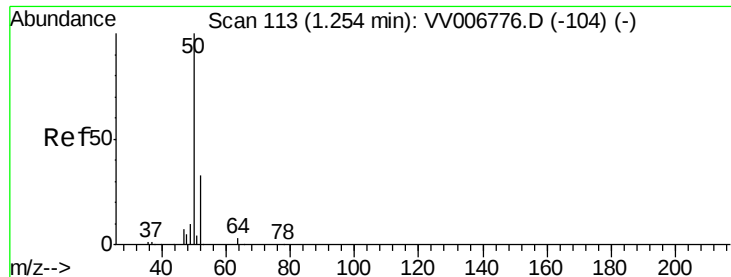
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 01 01:43:21 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.671 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.00 min

Lab File: VV006785.D

Acq: 31 Jul 2018 14:58

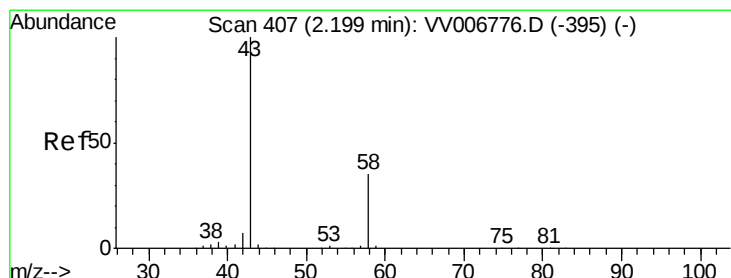
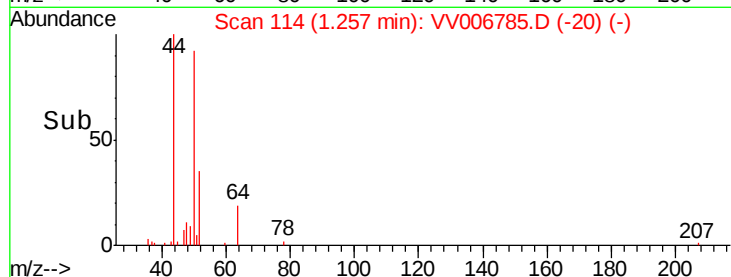
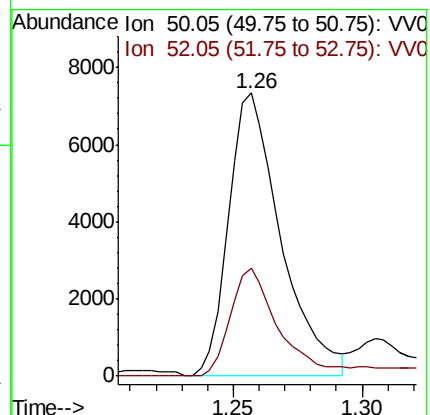
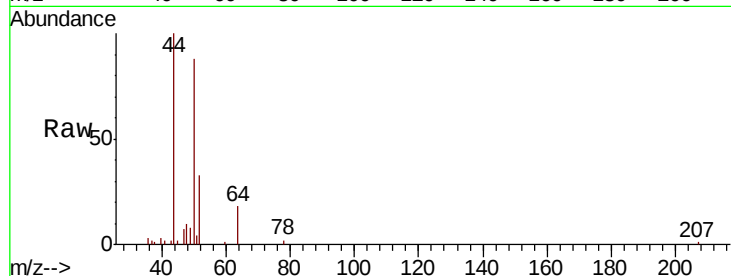
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 10384

Ion Ratio Lower Upper

50 100

52 37.9 22.1 41.1



#13

Acetone

Concen: 3.189 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006785.D

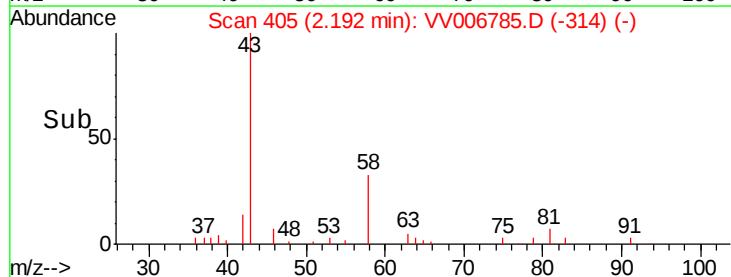
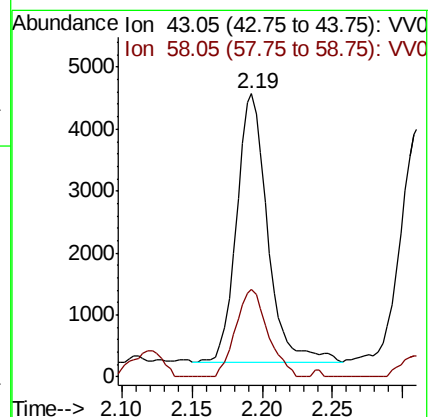
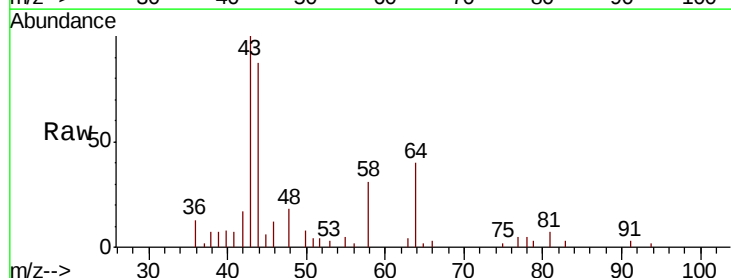
Acq: 31 Jul 2018 14:58

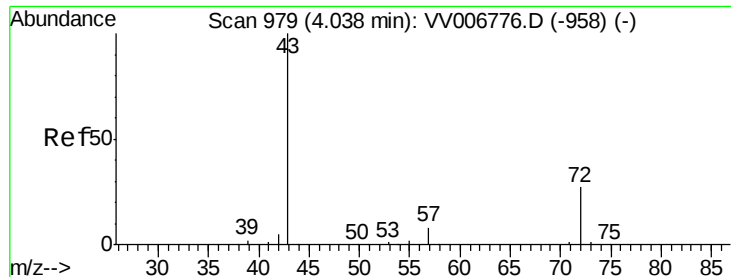
Tgt Ion: 43 Resp: 6687

Ion Ratio Lower Upper

43 100

58 33.6 0.0 71.4





#21

2-Butanone

Concen: 0.294 ug/L

RT: 4.04 min Scan# 979

Delta R.T. -0.00 min

Lab File: VV006785.D

Acq: 31 Jul 2018 14:58

Instrument :

MSVOA_V

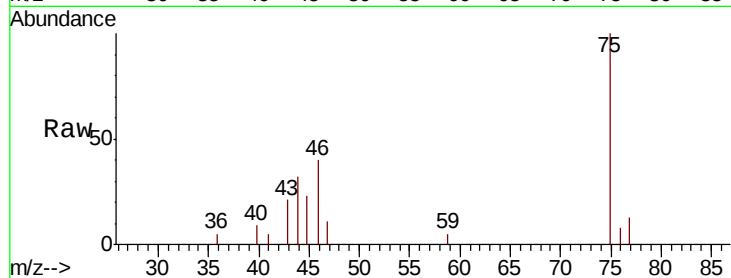
ClientSampleId :

Tot Ion: 43 Resp: 1034

Ion Ratio Lower Upper

43 100

72 0.0 13.8 41.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

4.04

4.05

4.06

4.07

4.08

4.09

4.10

4.11

4.12

4.13

4.14

4.15

4.16

4.17

4.18

4.19

4.20

4.21

4.22

4.23

4.24

4.25

4.26

4.27

4.28

4.29

4.30

4.31

4.32

4.33

4.34

4.35

4.36

4.37

4.38

4.39

4.40

4.41

4.42

4.43

4.44

4.45

4.46

4.47

4.48

4.49

4.50

4.51

4.52

4.53

4.54

4.55

4.56

4.57

4.58

4.59

4.60

4.61

4.62

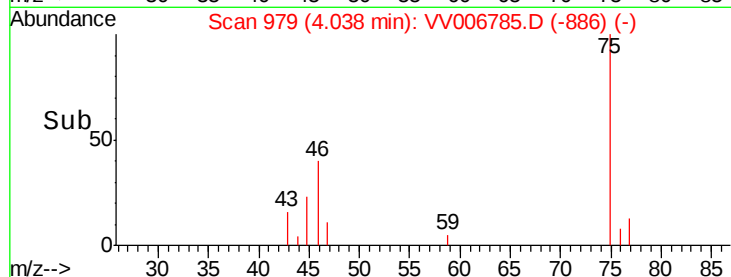
4.63

4.64

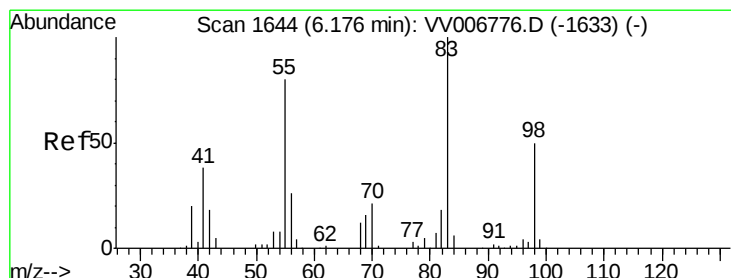
4.65

4.66

4.67



Time-->



#35

Methylcyclohexane

Concen: 0.722 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006785.D

Acq: 31 Jul 2018 14:58

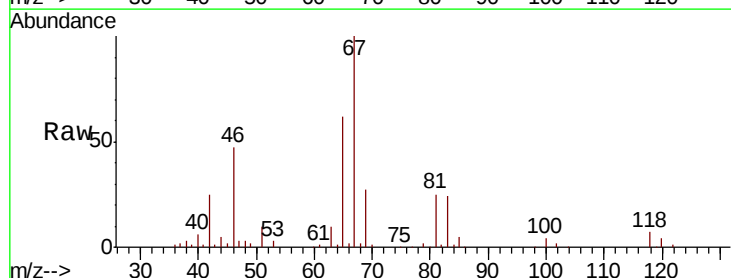
Tgt Ion: 83 Resp: 17259

Ion Ratio Lower Upper

83 100

55 0.3 61.9 92.9#

98 0.5 39.7 59.5#



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

6.12

6.15

6.18

6.20

6.22

6.23

6.24

6.25

6.26

6.27

6.28

6.29

6.30

6.31

6.32

6.33

6.34

6.35

6.36

6.37

6.38

6.39

6.40

6.41

6.42

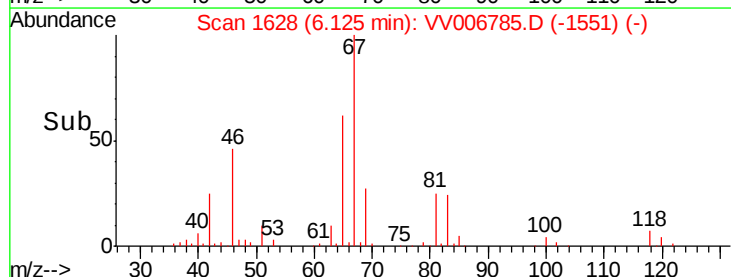
6.43

6.44

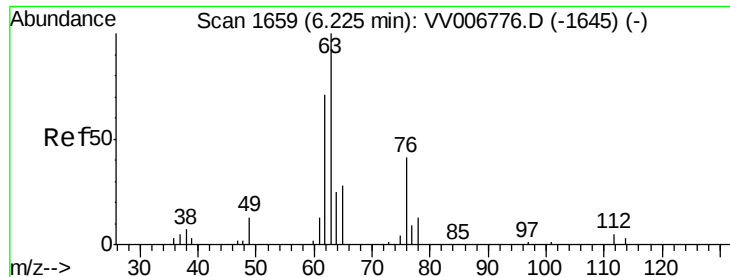
6.45

6.46

6.47



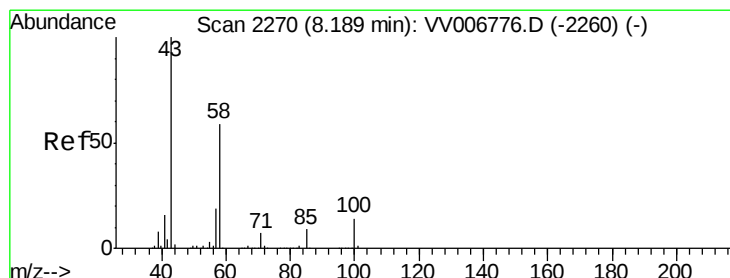
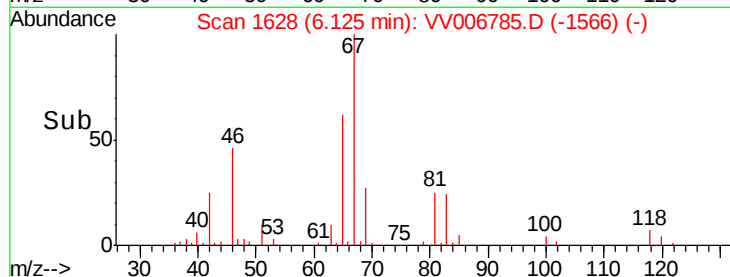
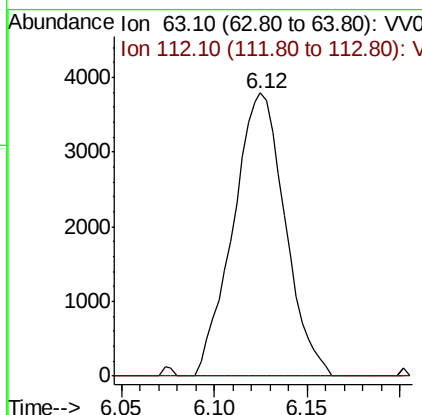
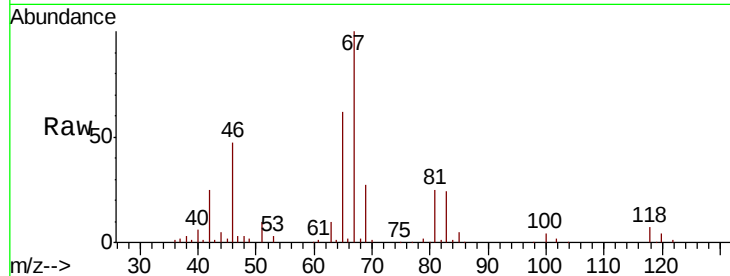
Time-->



#37
 1,2-Dichloropropane
 Concen: 0.506 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006785.D
 Acq: 31 Jul 2018 14:58

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 7368
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#48
 2-Hexanone
 Concen: 2.667 ug/L
 RT: 8.14 min Scan# 2255
 Delta R.T. -0.05 min
 Lab File: VV006785.D
 Acq: 31 Jul 2018 14:58

Tgt Ion: 43 Resp: 14897
 Ion Ratio Lower Upper
 43 100
 58 30.9 47.2 70.8#
 57 33.2 16.1 24.1#
 100 0.9 11.1 16.7#

