

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062518\
 Data File : VV006444.D
 Acq On : 25 Jun 2018 22:58
 Operator : SY/MD
 Sample : J3673-10 40X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 26 09:10:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 26 06:50:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	302823	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	272397	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115145	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90605	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.58	69	74197	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.13	63	120203	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.98	46	182335	48.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.74%
24) Chloroform-d	4.41	84	149279	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.09	65	76165	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.11	84	336119	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.12	67	99331	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.37	98	303454	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.67	79	29907	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.14	63	133935	43.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.86%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	57119	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	106028	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

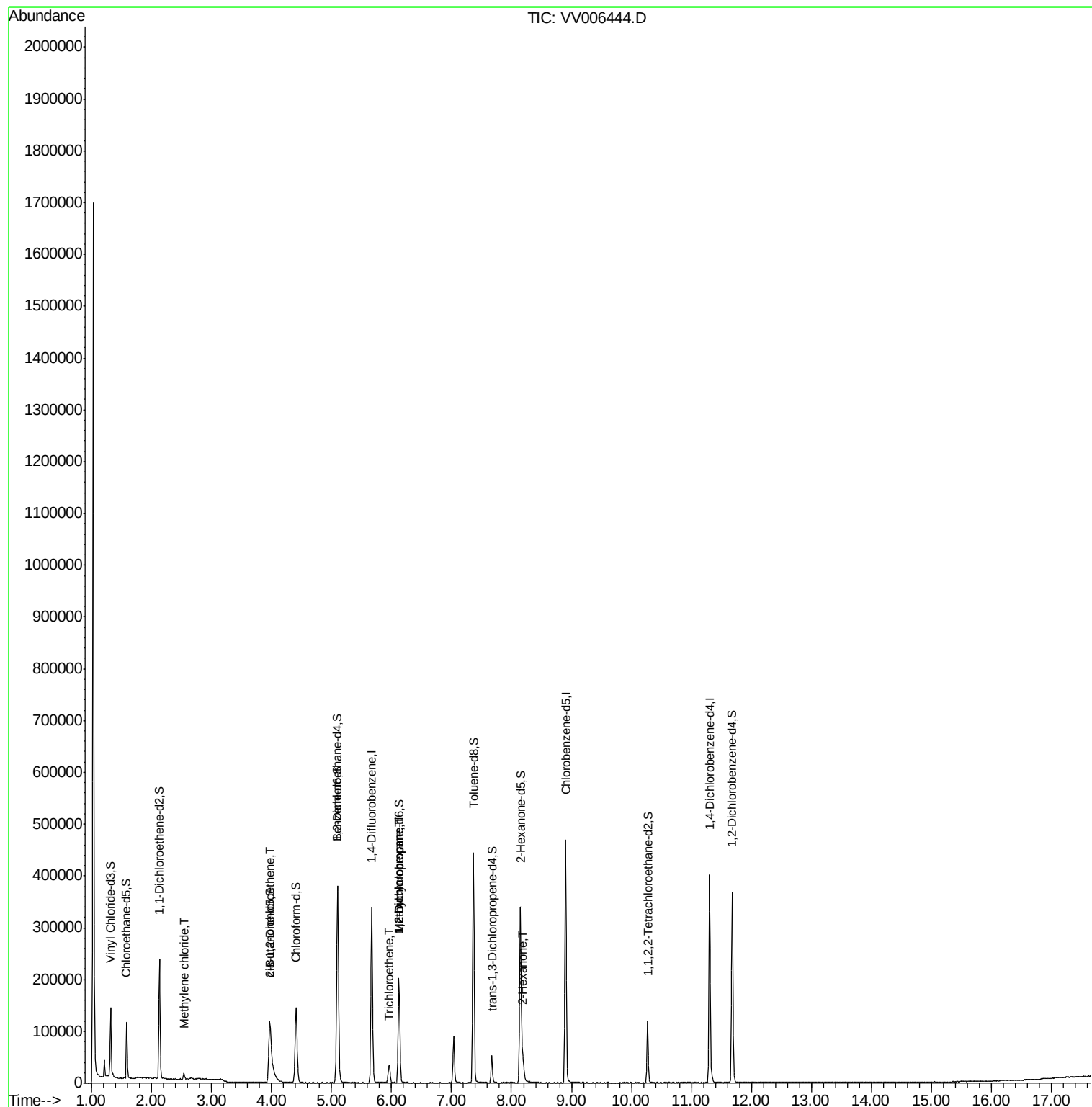
						Ovalue
16) Methylene chloride	2.54	84	4508	0.21	ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	32692	1.48	ug/L	99
34) Trichloroethene	5.96	95	8775	0.38	ug/L	92
35) Methylcyclohexane	6.12	83	24994	0.75	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	10251	0.52	ug/L #	85
48) 2-Hexanone	8.19	43	22732	3.30	ug/L #	77

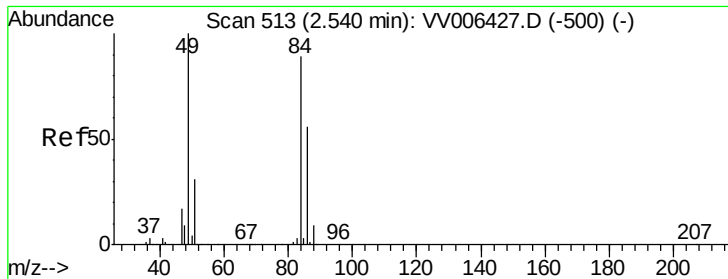
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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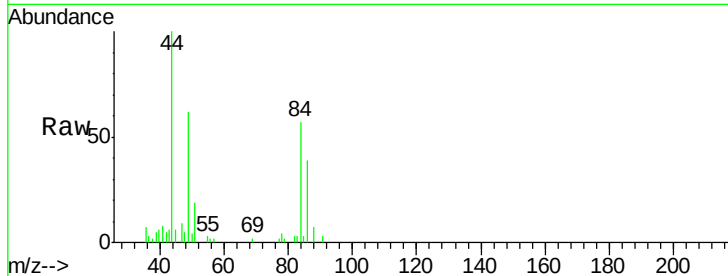




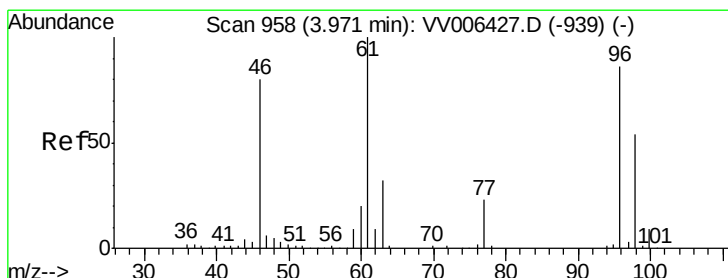
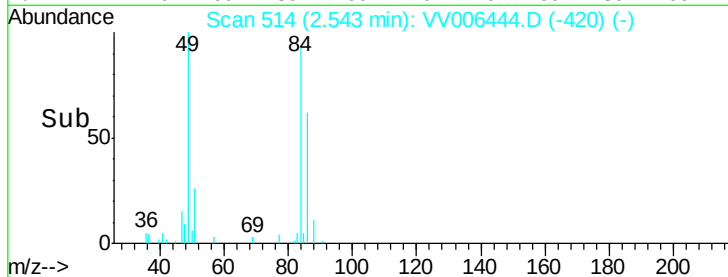
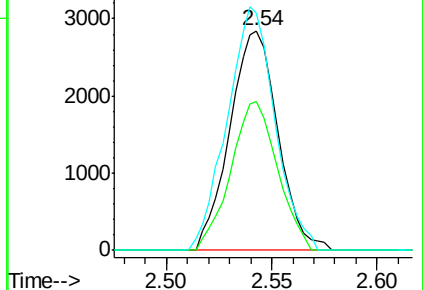
#16
Methylene chloride
Concen: 0.21 ug/L
RT: 2.54 min Scan# 514
Delta R.T. 0.00 min
Lab File: VV006444.D
Acq: 25 Jun 2018 22:58

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 4508
Ion Ratio Lower Upper
84 100
86 67.5 44.2 82.2
49 108.1 79.0 146.8

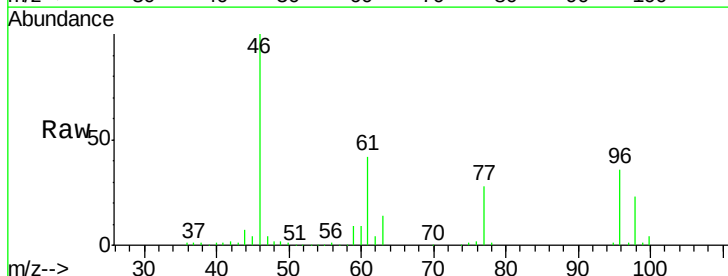


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

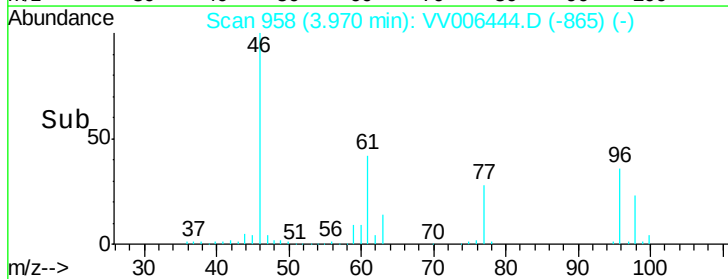
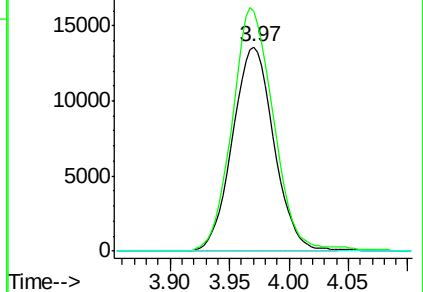


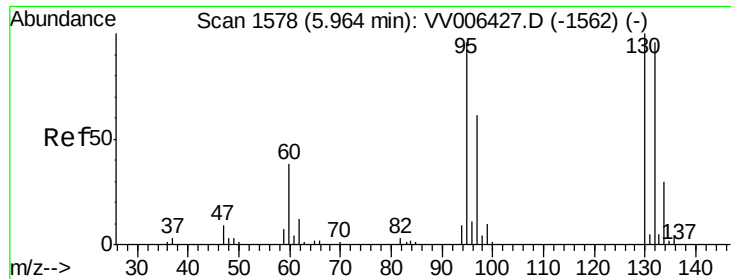
#22
cis-1,2-Dichloroethene
Concen: 1.48 ug/L
RT: 3.97 min Scan# 958
Delta R.T. -0.00 min
Lab File: VV006444.D
Acq: 25 Jun 2018 22:58

Tgt Ion: 96 Resp: 32692
Ion Ratio Lower Upper
96 100
61 117.7 81.8 151.8
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0

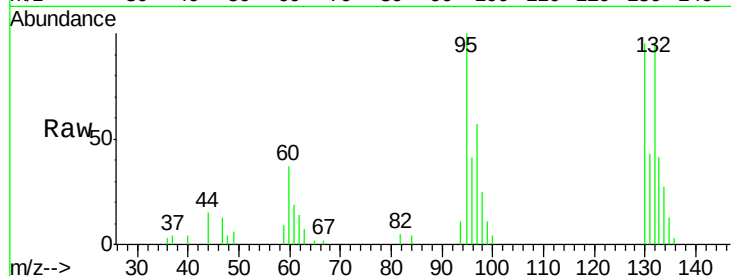




#34
 Trichloroethene
 Concen: 0.38 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VV006444.D
 Acq: 25 Jun 2018 22:58

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	95	Resp:	8775
Ion	Ratio	Lower	Upper
95	100		
97	57.1	44.6	82.8
132	94.8	70.1	130.1
130	95.3	73.3	136.1

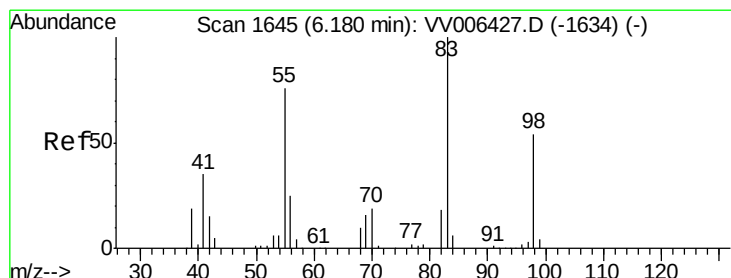
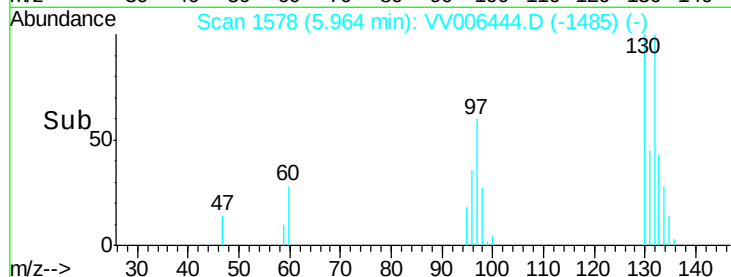
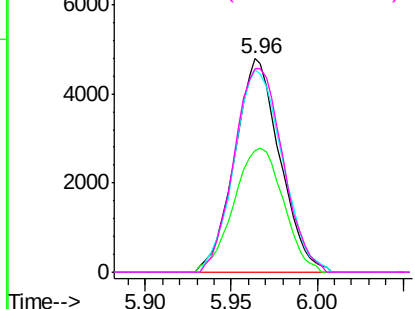


Abundance Ion 95.00 (94.70 to 95.70): VV006444.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VV006444.D (-1485) (-)

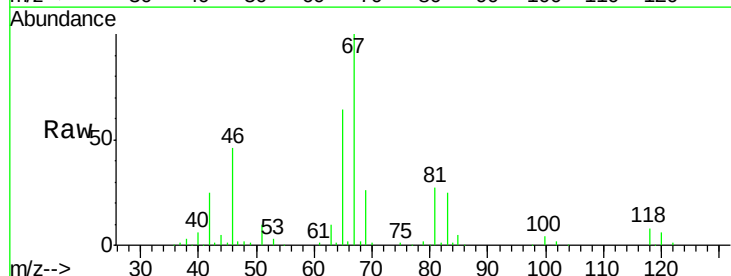
Ion 131.95 (131.65 to 132.65): VV006444.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VV006444.D (-1485) (-)



#35
 Methylcyclohexane
 Concen: 0.75 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: VV006444.D
 Acq: 25 Jun 2018 22:58

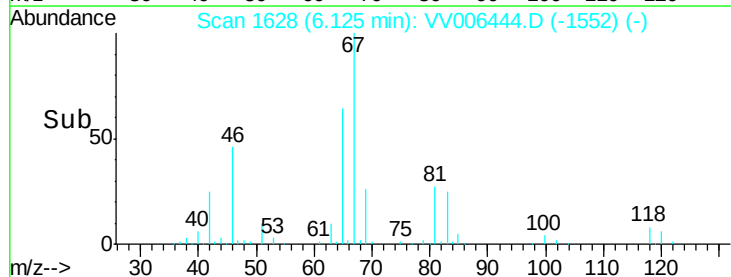
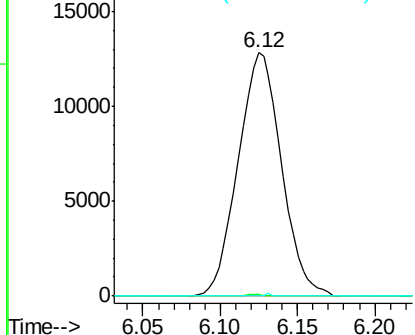
Tgt Ion:	83	Resp:	24994
Ion	Ratio	Lower	Upper
83	100		
55	0.3	57.5	86.3#
98	2.6	39.6	59.4#

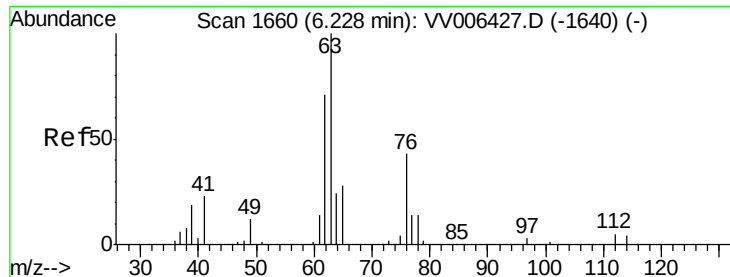


Abundance Ion 83.15 (82.85 to 83.85): VV006444.D (-1552) (-)

Ion 55.10 (54.80 to 55.80): VV006444.D (-1552) (-)

Ion 98.15 (97.85 to 98.85): VV006444.D (-1552) (-)





#37

1,2-Dichloropropane

Concen: 0.52 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006444.D

Acq: 25 Jun 2018 22:58

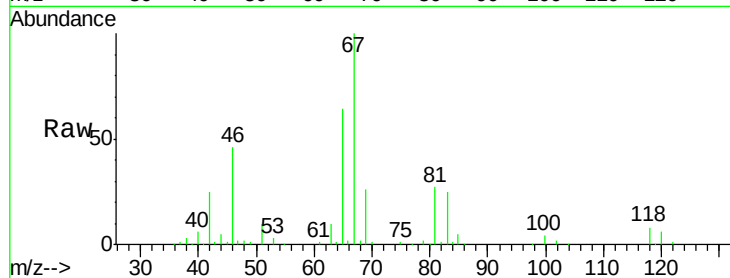
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 10251

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

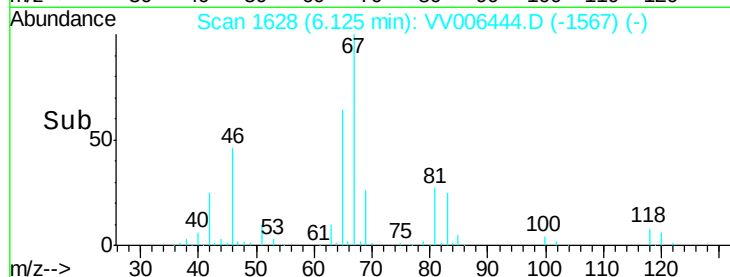


Abundance Ion 63.10 (62.80 to 63.80): VV006444.D (-1640) (-)

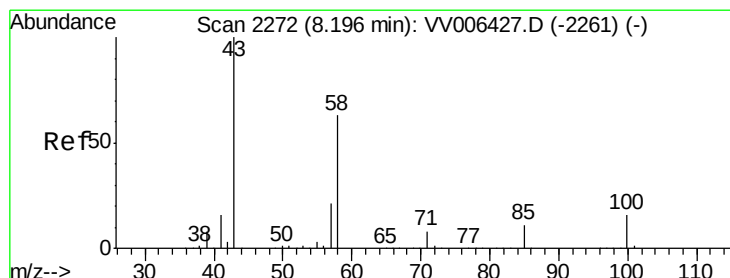
Ion 112.10 (111.80 to 112.80): VV006444.D (-1640) (-)

6.12

Time-->



Time-->



#48

2-Hexanone

Concen: 3.30 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VV006444.D

Acq: 25 Jun 2018 22:58

Tgt Ion: 43 Resp: 22732

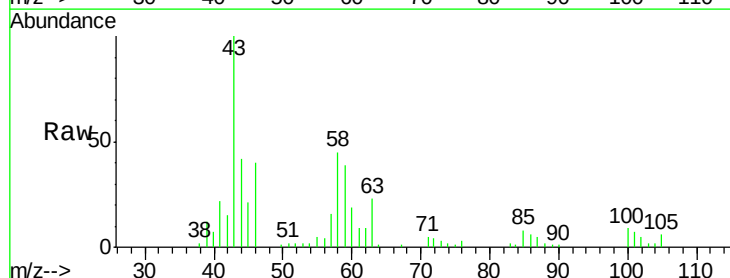
Ion Ratio Lower Upper

43 100

58 41.7 49.9 74.9#

57 13.4 17.3 25.9#

100 9.3 12.5 18.7#



Abundance Ion 43.05 (42.75 to 43.75): VV006444.D (-2179) (-)

Ion 58.05 (57.75 to 58.75): VV006444.D (-2179) (-)

Ion 57.20 (56.90 to 57.90): VV006444.D (-2179) (-)

Ion 100.15 (99.85 to 100.85): VV006444.D (-2179) (-)

8.19

Time-->

