

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006836.D
 Acq On : 03 Aug 2018 04:52
 Operator : SY/MD
 Sample : J4227-04
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 09:08:41 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	236458	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	212804	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81617	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77977	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.58	69	70440	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.13	63	110265	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.95	46	230928	58.14	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.28%
24) Chloroform-d	4.41	84	146404	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.09	65	78777	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.10	84	280656	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	97291	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.37	98	222246	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.67	79	28304	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.14	63	141673	47.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.86%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78357	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	75036	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

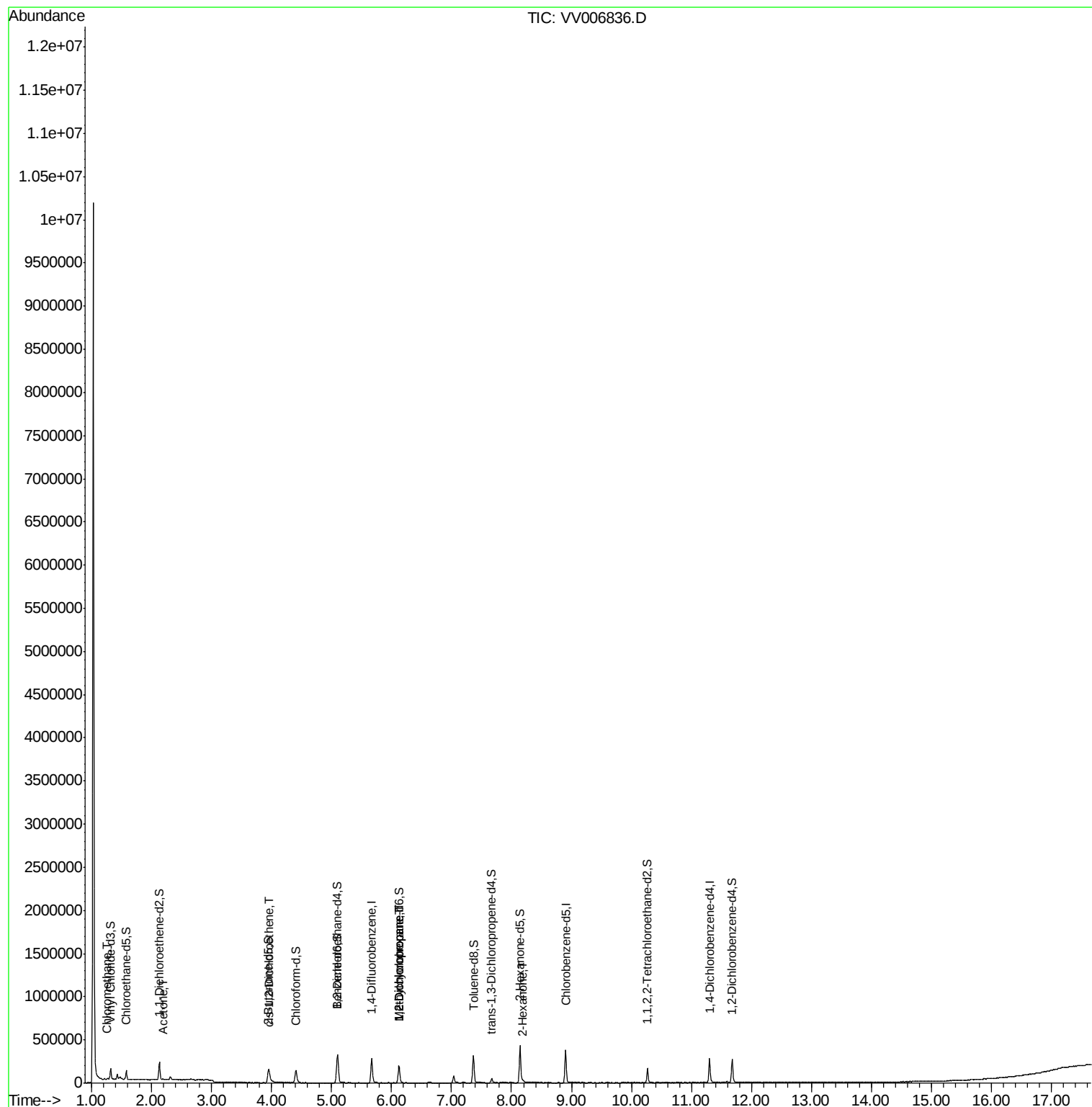
					Ovalue
3) Chloromethane	1.26	50	11662	0.427 ug/L	84
13) Acetone	2.19	43	7413	2.646 ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	6332	0.358 ug/L	97
35) Methylcyclohexane	6.12	83	22736	0.860 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	9901	0.578 ug/L #	90
48) 2-Hexanone	8.20	43	4395	0.683 ug/L #	90

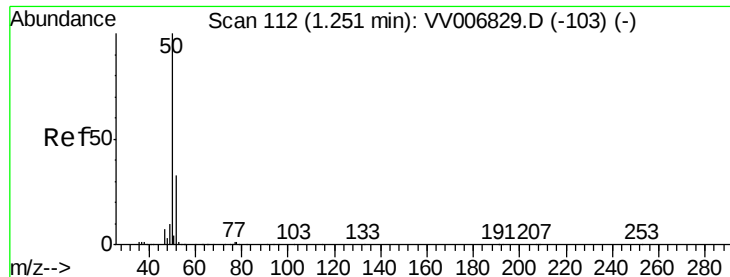
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.427 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.01 min

Lab File: VV006836.D

Acq: 03 Aug 2018 04:52

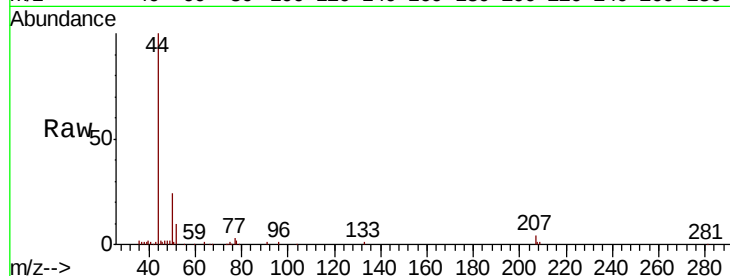
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 11662

Ion Ratio Lower Upper

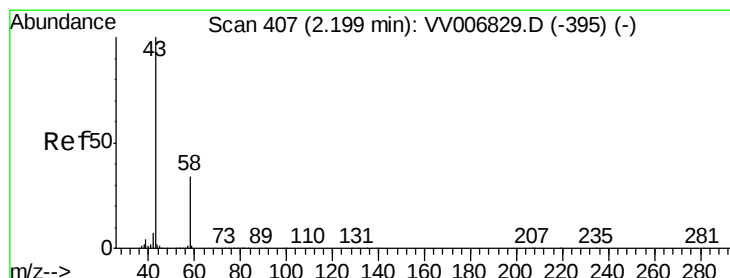
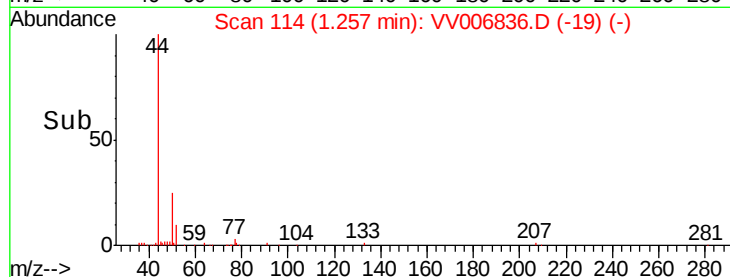
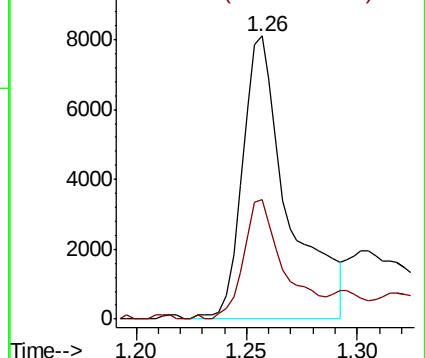
50 100

52 42.1 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: 2.646 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006836.D

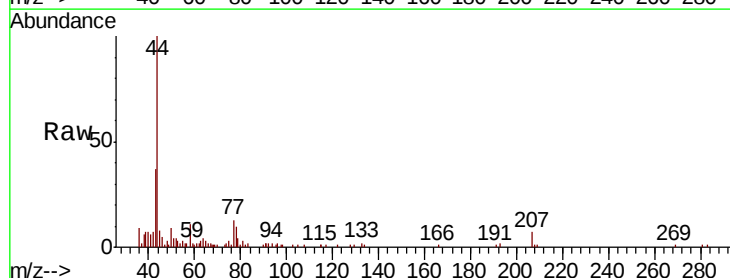
Acq: 03 Aug 2018 04:52

Tgt Ion: 43 Resp: 7413

Ion Ratio Lower Upper

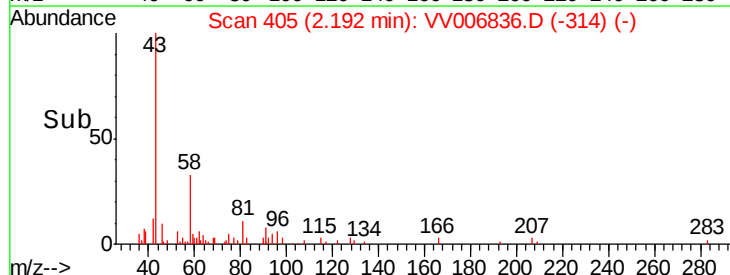
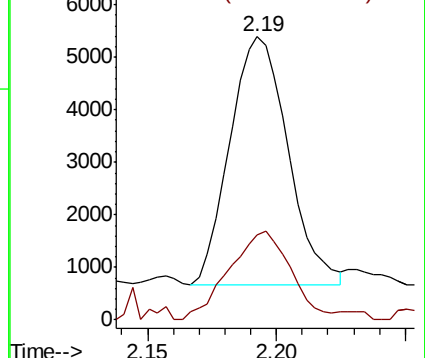
43 100

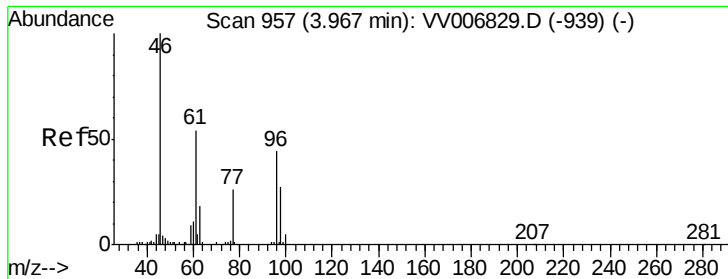
58 37.9 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



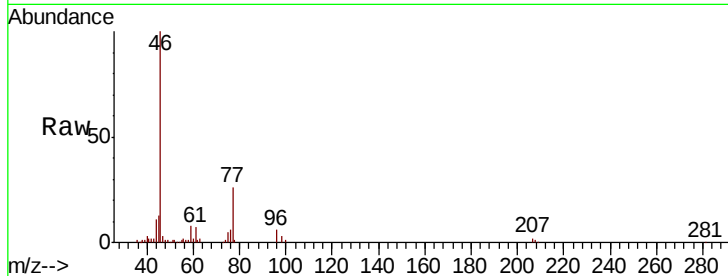


#22

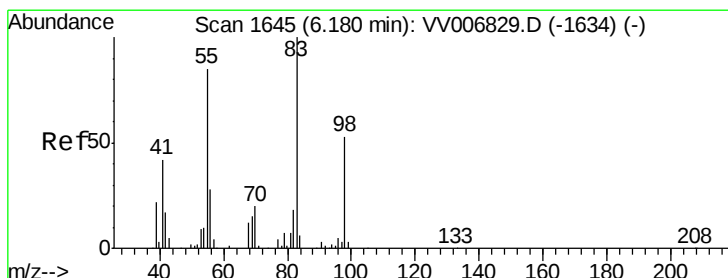
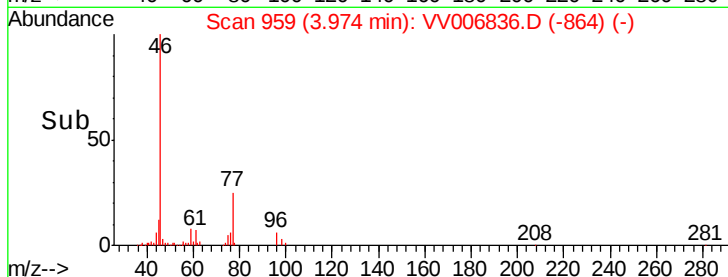
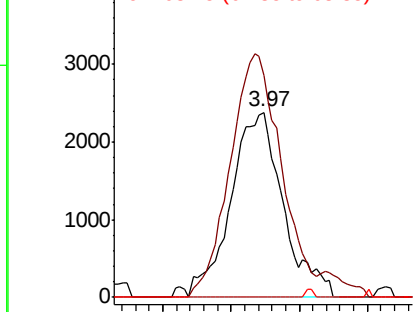
cis-1,2-Dichloroethene
 Concen: 0.358 ug/L
 RT: 3.97 min Scan# 959
 Delta R.T. 0.01 min
 Lab File: VV006836.D
 Acq: 03 Aug 2018 04:52

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 6332
 Ion Ratio Lower Upper
 96 100
 61 120.1 86.6 160.8
 68 0.0 0.0 0.0



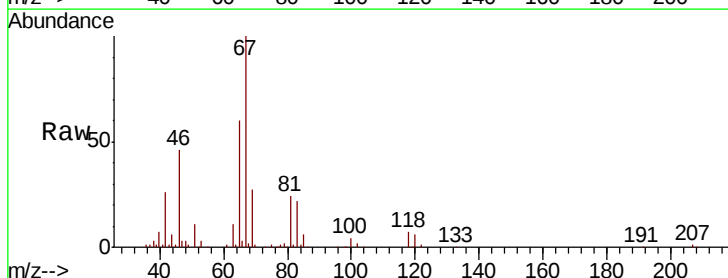
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



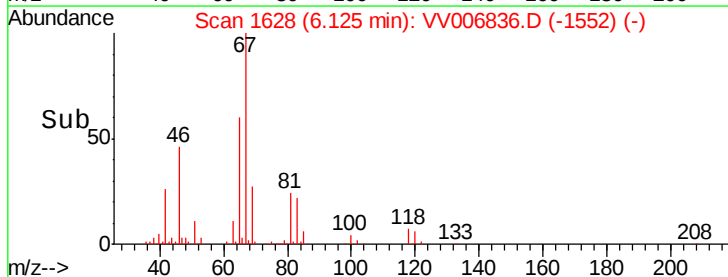
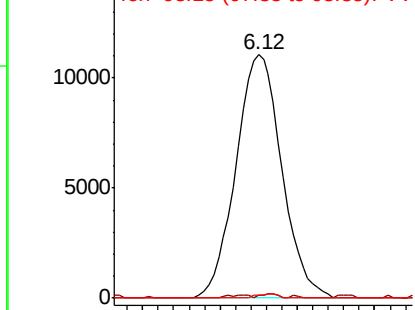
#35

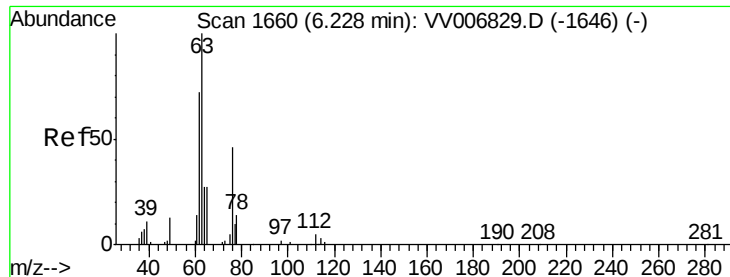
Methylcyclohexane
 Concen: 0.860 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: VV006836.D
 Acq: 03 Aug 2018 04:52

Tgt Ion: 83 Resp: 22736
 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): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.578 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006836.D

Acq: 03 Aug 2018 04:52

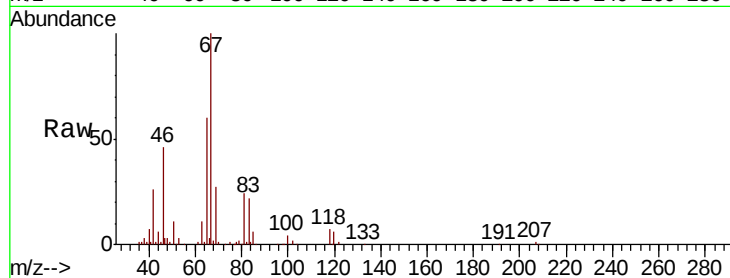
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 9901

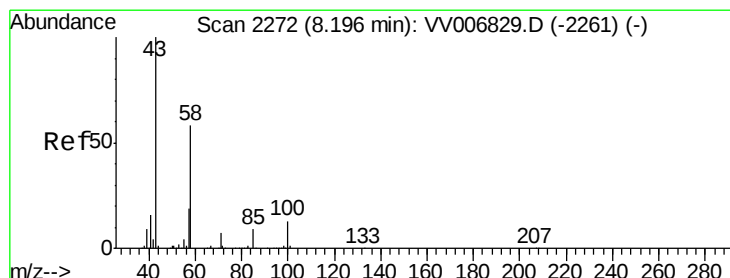
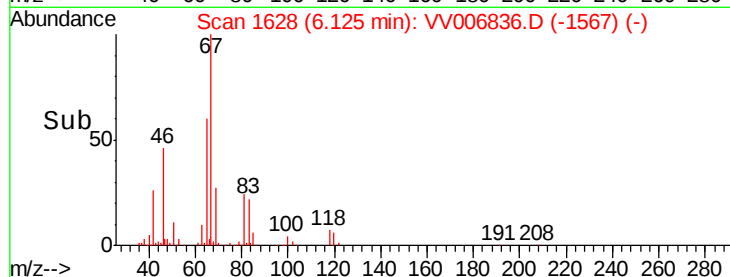
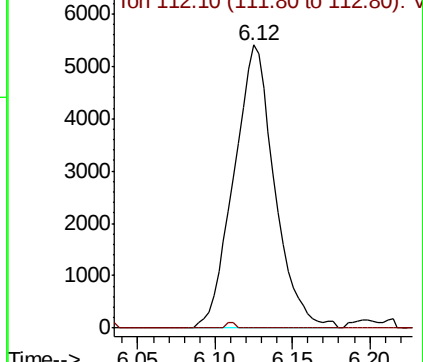
Ion Ratio Lower Upper

63 100

112 0.4 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VV006829.D (-1646) (-)



#48

2-Hexanone

Concen: 0.683 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV006836.D

Acq: 03 Aug 2018 04:52

Tgt Ion: 43 Resp: 4395

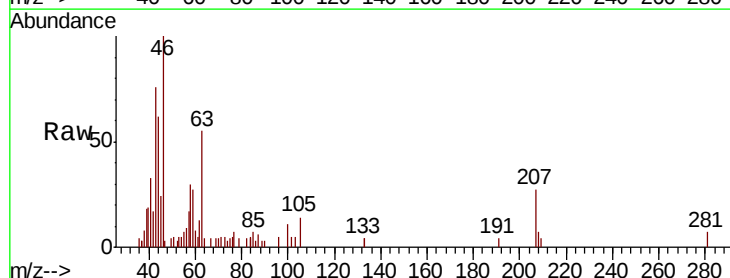
Ion Ratio Lower Upper

43 100

58 60.7 45.4 68.0

57 5.4 15.4 23.2#

100 13.1 10.6 16.0



Abundance Ion 43.05 (42.75 to 43.75): VV006829.D (-2261) (-)

Ion 58.05 (57.75 to 58.75): VV006829.D (-2261) (-)

Ion 57.20 (56.90 to 57.90): VV006829.D (-2261) (-)

Ion 100.15 (99.85 to 100.85): VV006829.D (-2261) (-)

