

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\
 Data File : VV007237.D
 Acq On : 28 Aug 2018 22:14
 Operator : SY/MD
 Sample : J4647-14
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAB78

Quant Time: Aug 29 04:02:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 04:00:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	230765	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	230826	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89890	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73827	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.58	69	64065	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.13	63	99599	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.97	46	201218	49.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.40%
24) Chloroform-d	4.41	84	155489	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.09	65	79305	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.10	84	291242	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.12	67	98933	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.37	98	214311	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	7.67	79	29768	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.15	63	65503	32.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.70%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	73677	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	81181	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

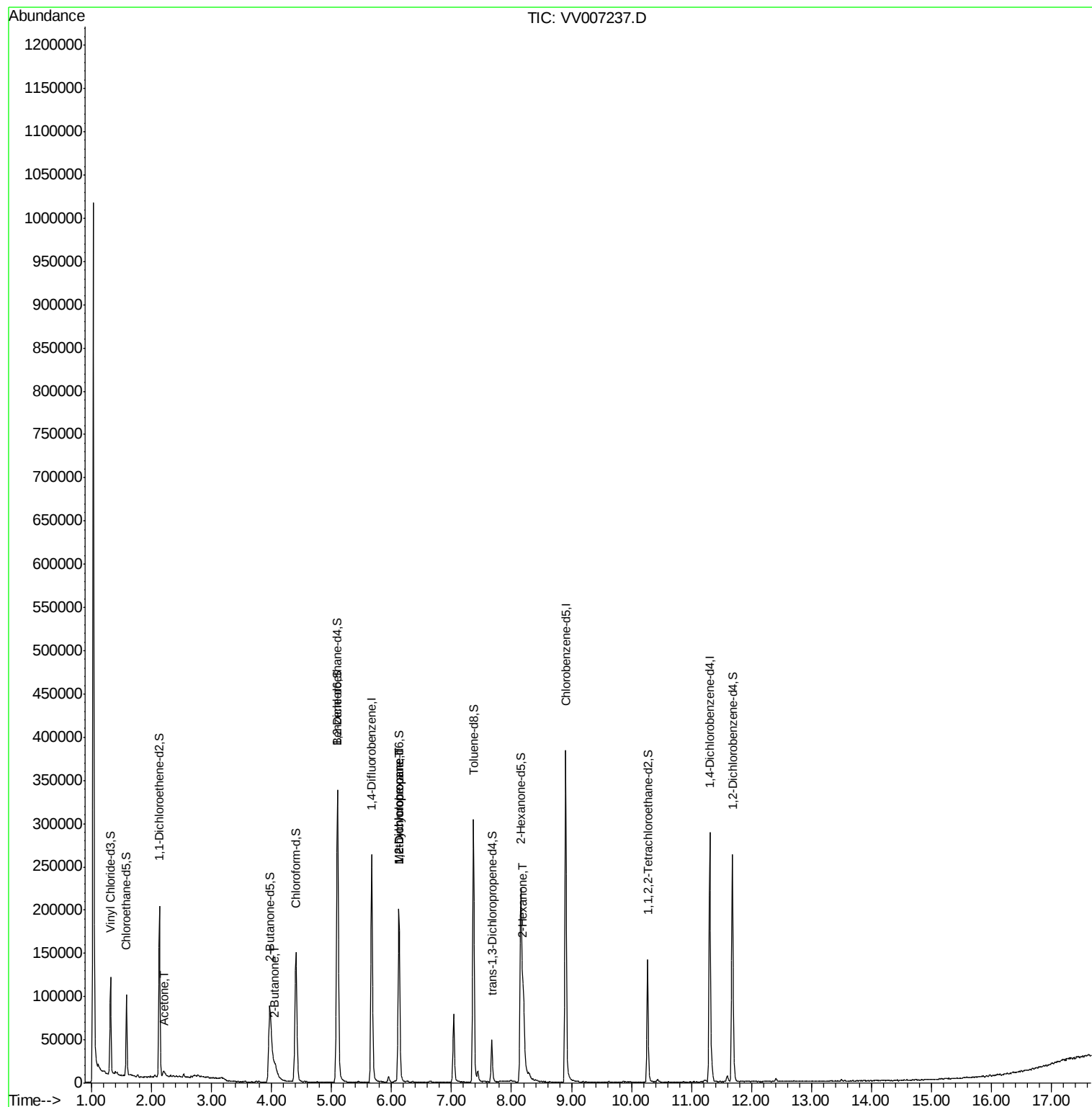
					Ovalue
13) Acetone	2.21	43	8147	3.972 ug/L	93
21) 2-Butanone	4.05	43	1702	0.399 ug/L #	51
35) Methylcyclohexane	6.12	83	24531	0.973 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9616	0.530 ug/L #	87
48) 2-Hexanone	8.20	43	47358	6.676 ug/L	90

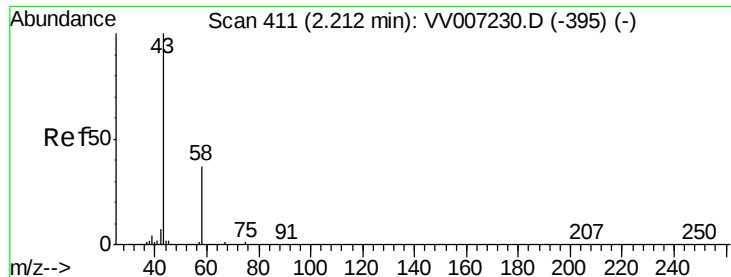
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.972 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV007237.D

Acq: 28 Aug 2018 22:14

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MSVOA_V

ClientSampleId :

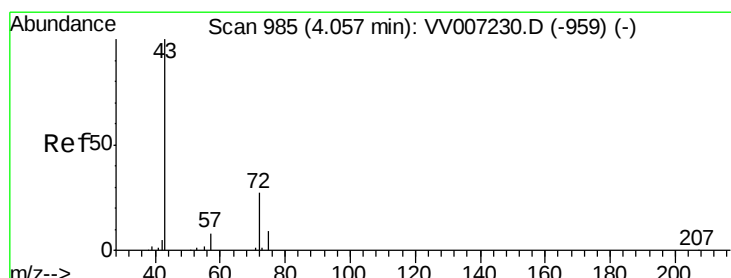
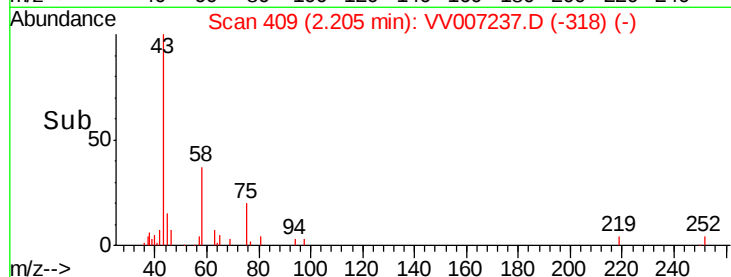
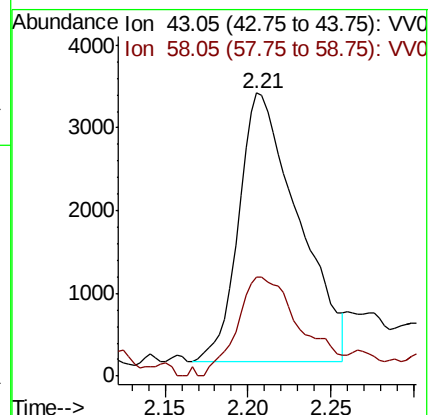
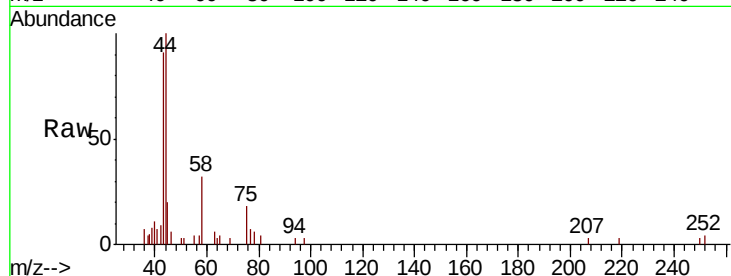
GAB78

Tot Ion: 43 Resp: 8147

Ion Ratio Lower Upper

43 100

58 39.4 0.0 70.2



#21

2-Butanone

Concen: 0.399 ug/L

RT: 4.05 min Scan# 984

Delta R.T. -0.00 min

Lab File: VV007237.D

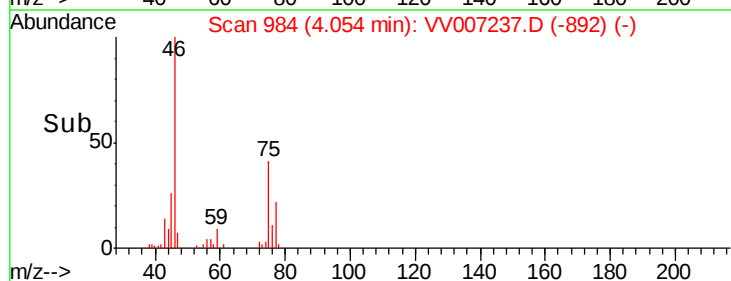
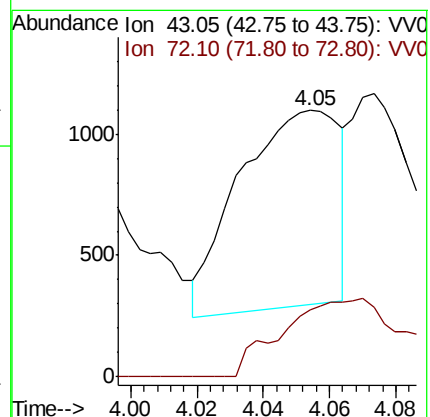
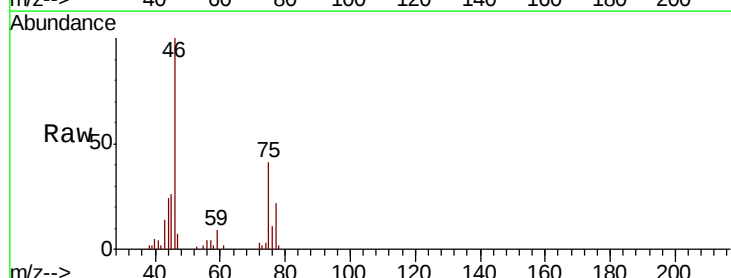
Acq: 28 Aug 2018 22:14

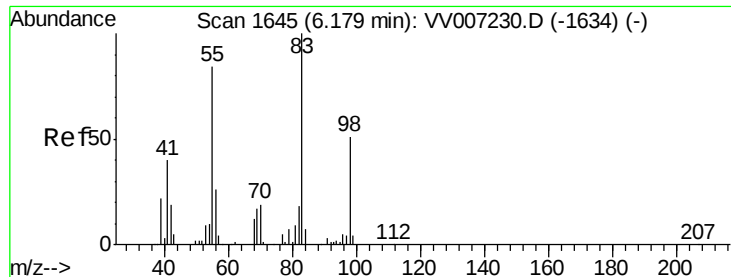
Tgt Ion: 43 Resp: 1702

Ion Ratio Lower Upper

43 100

72 0.0 12.4 37.0#

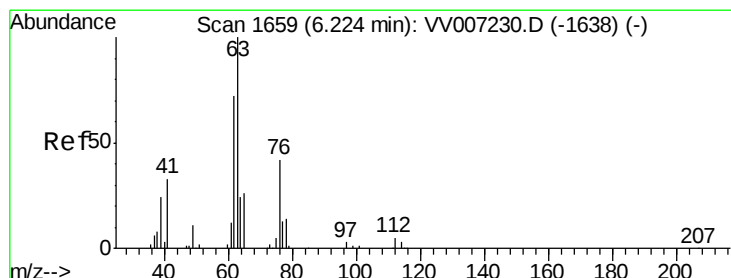
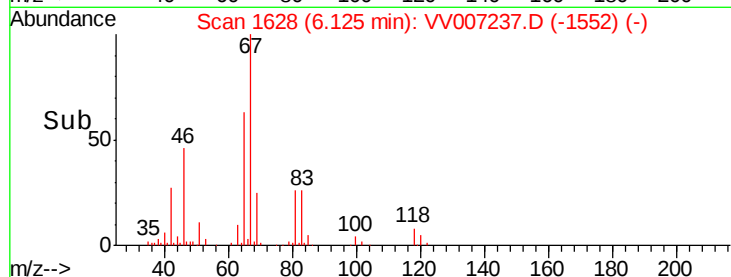
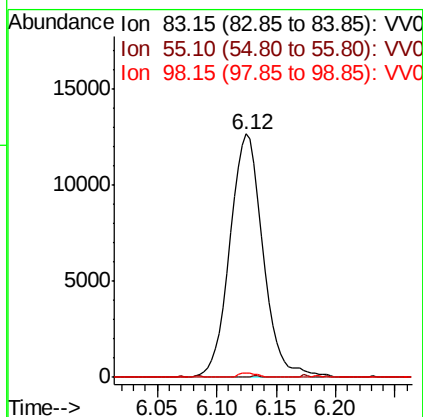
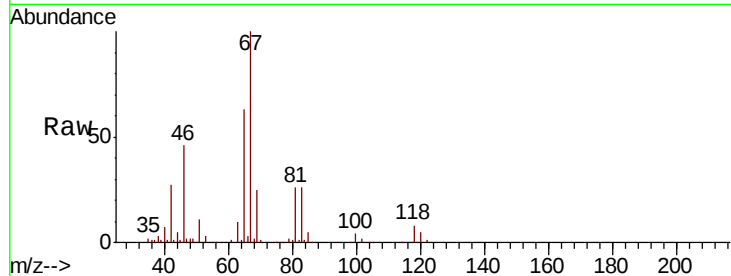




#35
Methvlcvclohexane
Concen: 0.973 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007237.D
Acq: 28 Aug 2018 22:14

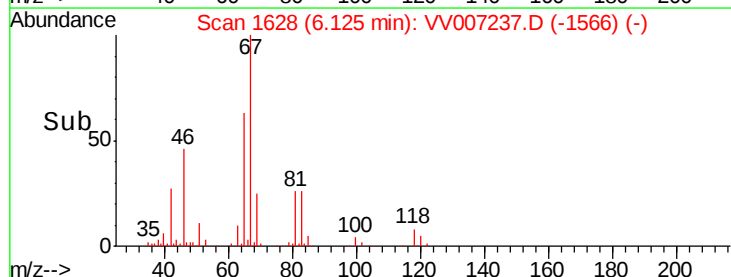
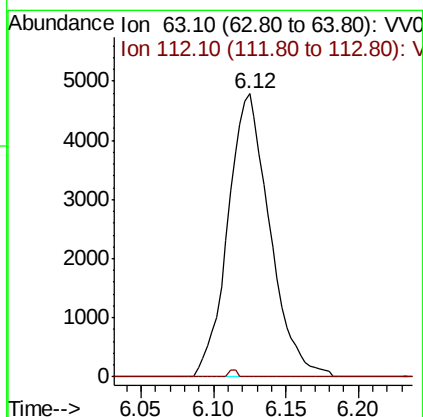
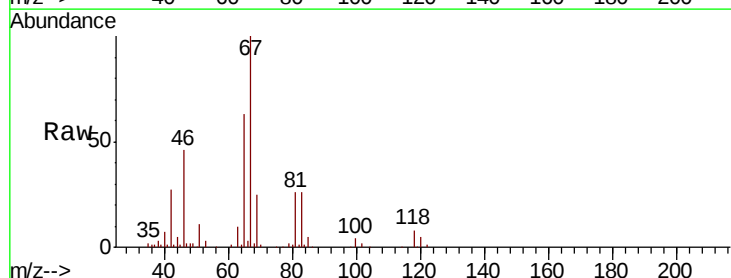
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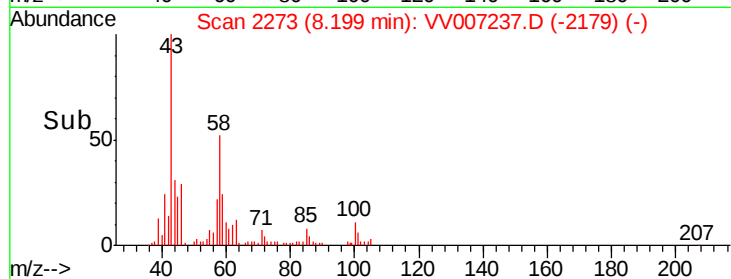
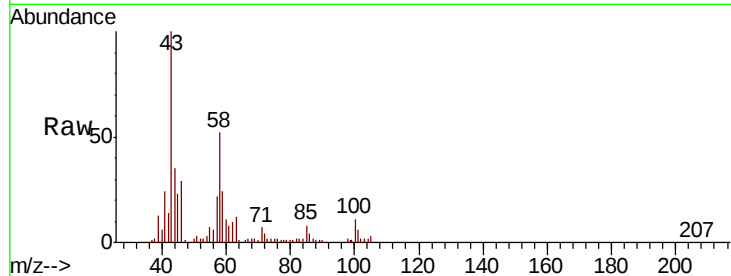
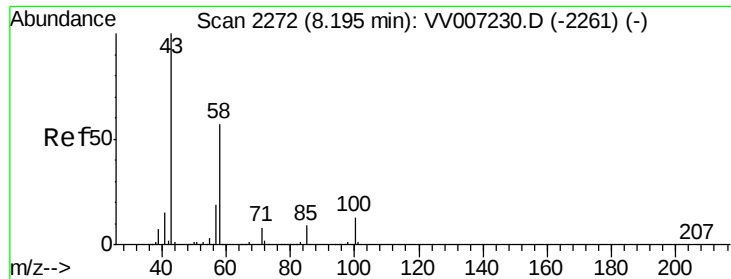
Tot Ion: 83 Resp: 24531
Ion Ratio Lower Upper
83 100
55 0.2 64.0 96.0#
98 1.0 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV007237.D
Acq: 28 Aug 2018 22:14

Tgt Ion: 63 Resp: 9616
Ion Ratio Lower Upper
63 100
112 0.4 3.9 5.9#





#48

2-Hexanone

Concen: 6.676 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV007237.D

Acq: 28 Aug 2018 22:14

Instrument :

MSVOA_V

ClientSampleId :

GAB78

Tot Ion: 43 Resp: 47358

Ion Ratio Lower Upper

43 100

58 53.2 50.0 75.0

57 23.8 16.6 25.0

100 11.2 10.2 15.4

Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

