

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081718\
 Data File : VV007060.D
 Acq On : 17 Aug 2018 17:43
 Operator : SY/MD
 Sample : J4488-08
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 03:39:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 03:36:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	239975	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	235115	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90313	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84009	5.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.40%
7) Chloroethane-d5	1.58	69	74135	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.13	63	116345	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	3.97	46	220342	49.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.92%
24) Chloroform-d	4.41	84	173815	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
26) 1,2-Dichloroethane-d4	5.09	65	87198	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.10	84	329889	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.13	67	110502	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.37	98	244610	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.67	79	31965	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.15	63	91183	31.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	76427	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	84749	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

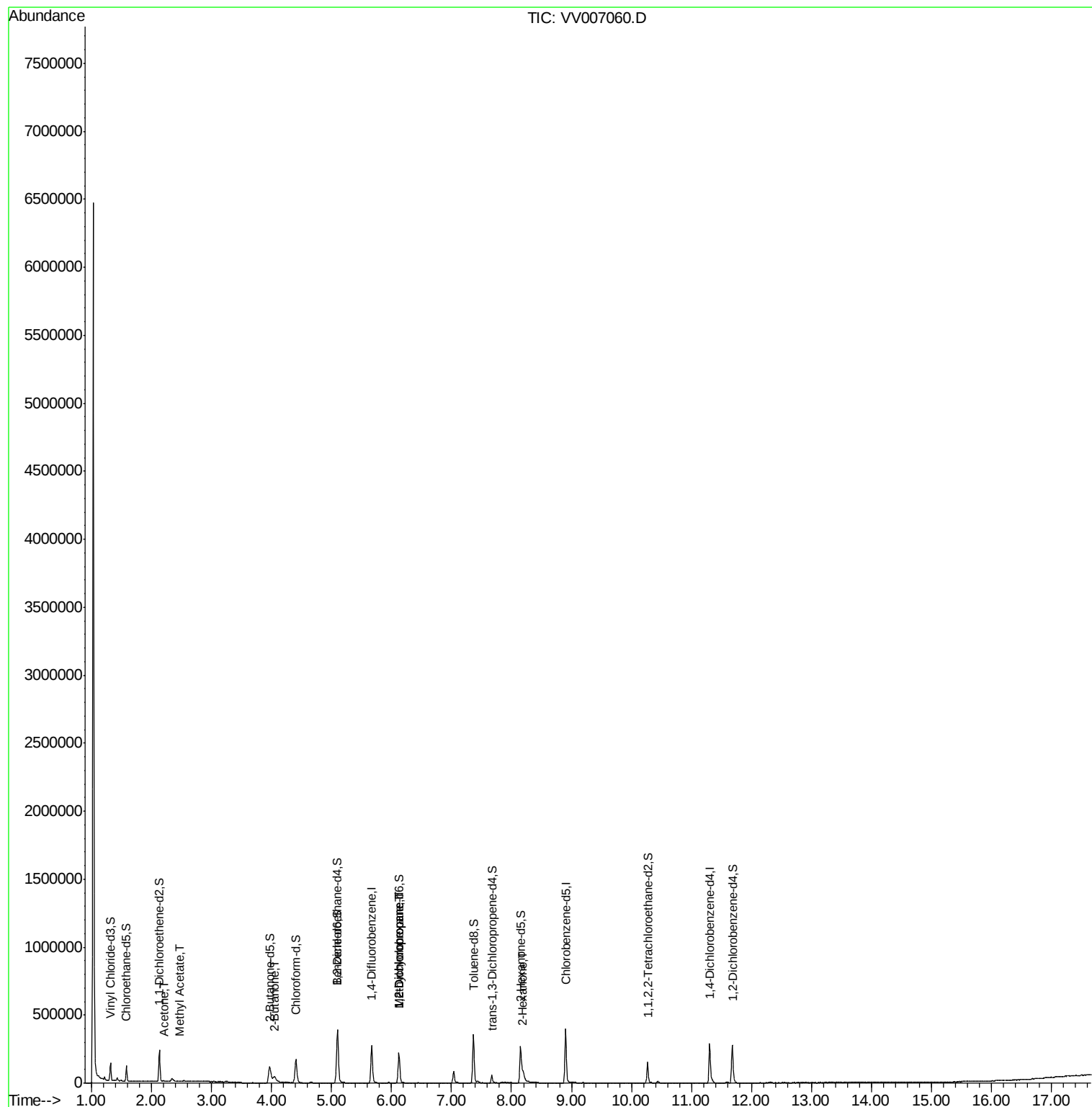
					Ovalue
13) Acetone	2.20	43	3264	1.423 ug/L	89
15) Methyl Acetate	2.47	43	2367	0.367 ug/L	94
21) 2-Butanone	4.04	43	2281	0.458 ug/L #	72
35) Methylcyclohexane	6.12	83	26538	0.846 ug/L #	16
37) 1,2-Dichloropropane	6.13	63	12041	0.540 ug/L #	88
48) 2-Hexanone	8.20	43	32216	3.793 ug/L #	91

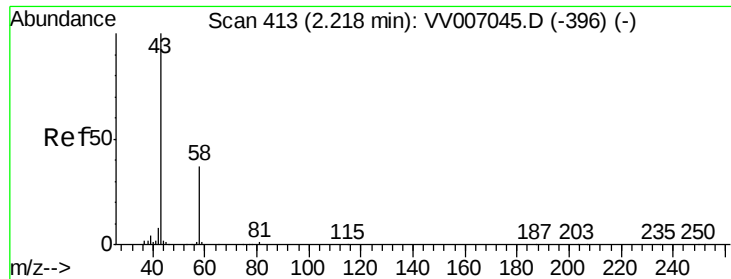
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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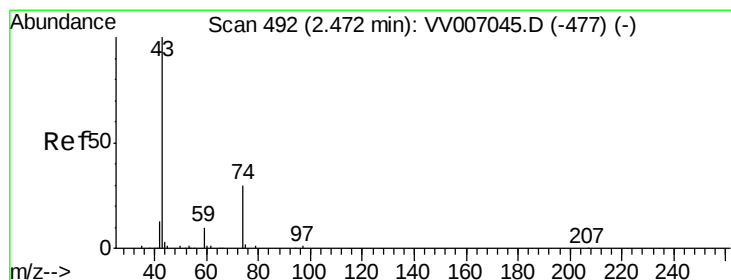
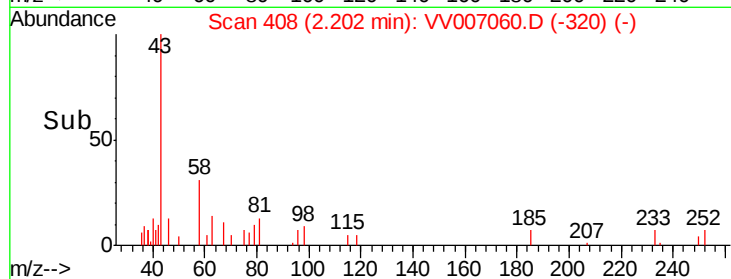
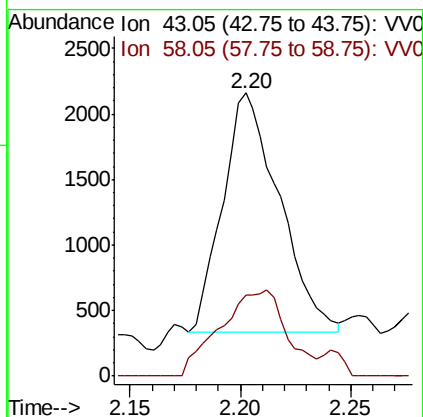
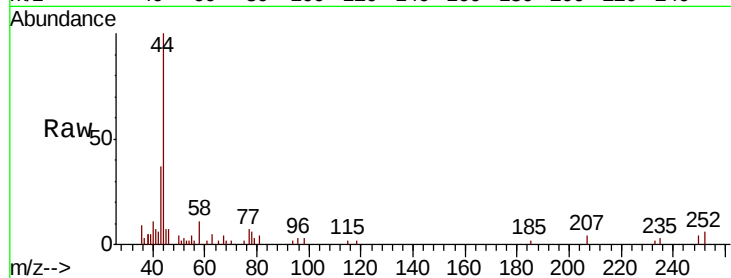




#13
Acetone
Concen: 1.423 ug/L
RT: 2.20 min Scan# 408
Delta R.T. -0.02 min
Lab File: VV007060.D
Acq: 17 Aug 2018 17:43

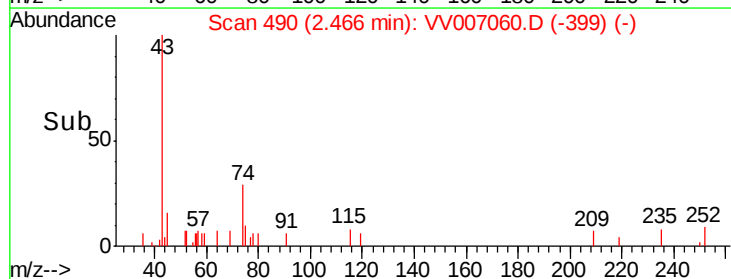
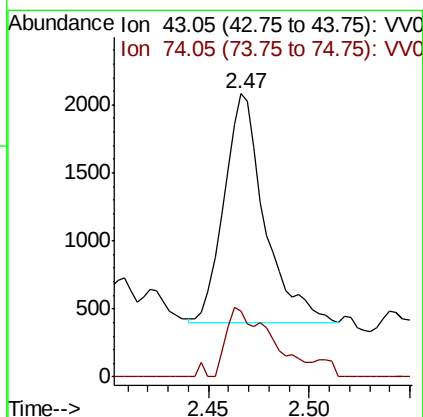
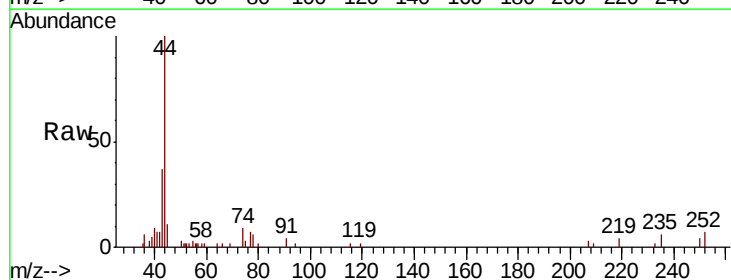
Instrument :
MSVOA_V
ClientSampleId :

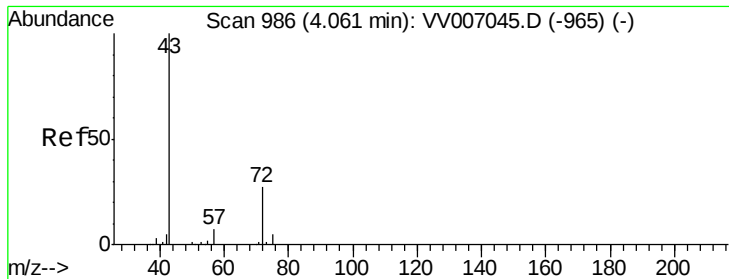
Tot Ion: 43 Resp: 3264
Ion Ratio Lower Upper
43 100
58 42.2 0.0 71.4



#15
Methyl Acetate
Concen: 0.367 ug/L
RT: 2.47 min Scan# 490
Delta R.T. -0.01 min
Lab File: VV007060.D
Acq: 17 Aug 2018 17:43

Tgt Ion: 43 Resp: 2367
Ion Ratio Lower Upper
43 100
74 34.3 24.6 37.0





#21

2-Butanone

Concen: 0.458 ug/L

RT: 4.04 min Scan# 981

Delta R.T. -0.02 min

Lab File: VV007060.D

Acq: 17 Aug 2018 17:43

Instrument :

MSVOA_V

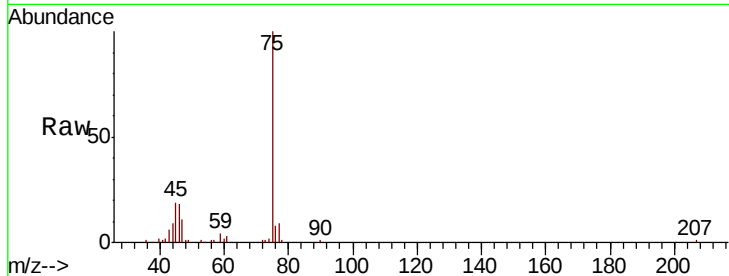
ClientSampleId :

Tot Ion: 43 Resp: 2281

Ion Ratio Lower Upper

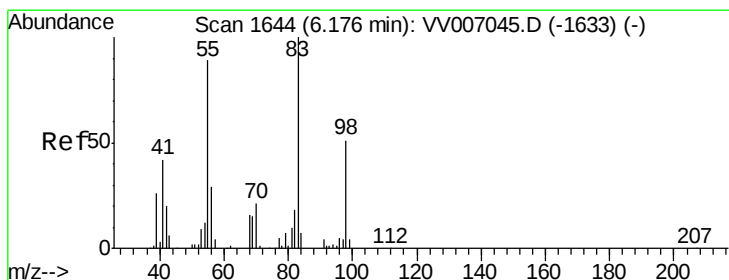
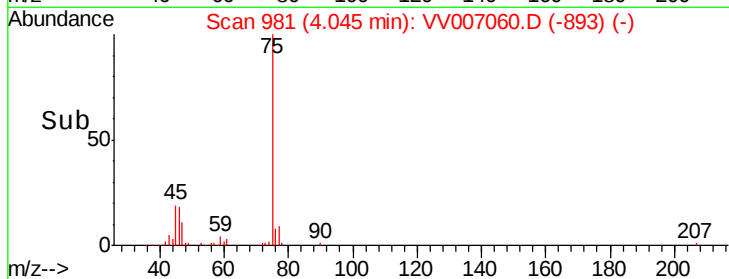
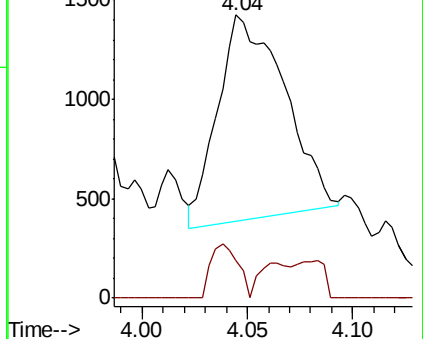
43 100

72 10.6 12.4 37.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#35

Methylcyclohexane

Concen: 0.846 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.05 min

Lab File: VV007060.D

Acq: 17 Aug 2018 17:43

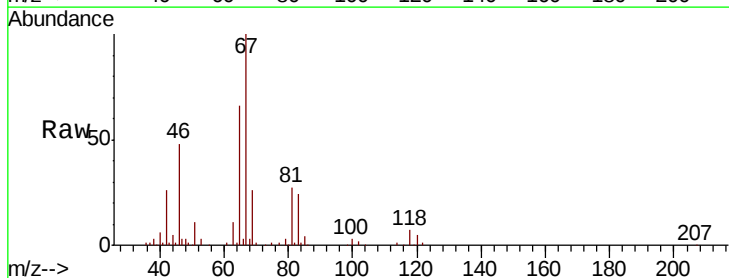
Tgt Ion: 83 Resp: 26538

Ion Ratio Lower Upper

83 100

55 0.5 68.1 102.1#

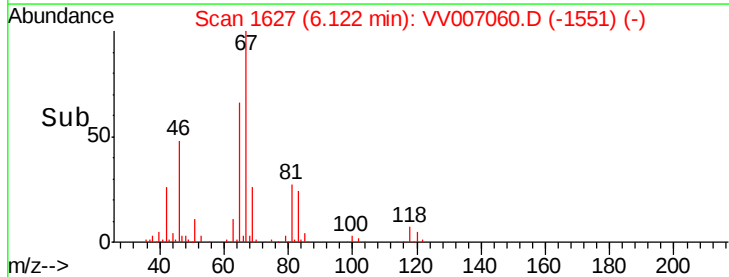
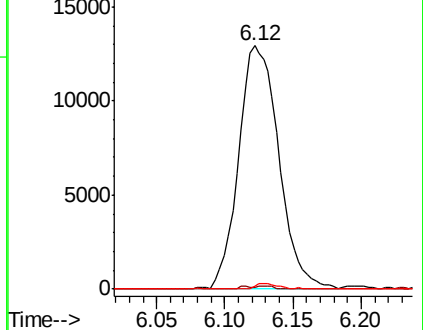
98 1.3 37.9 56.9#

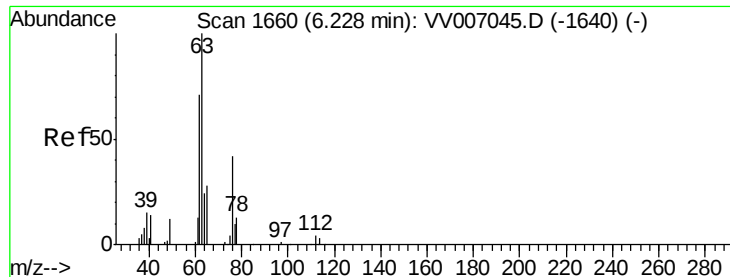


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.540 ug/L

RT: 6.13 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV007060.D

Acq: 17 Aug 2018 17:43

Instrument :

MSVOA_V

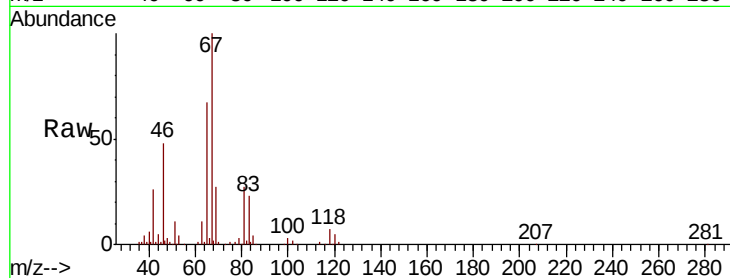
ClientSampleId :

Tot Ion: 63 Resp: 12041

Ion Ratio Lower Upper

63 100

112 0.4 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV007045.D (-1640) (-)

Ion 112.10 (111.80 to 112.80): VV007045.D (-1640) (-)

6.13

6000

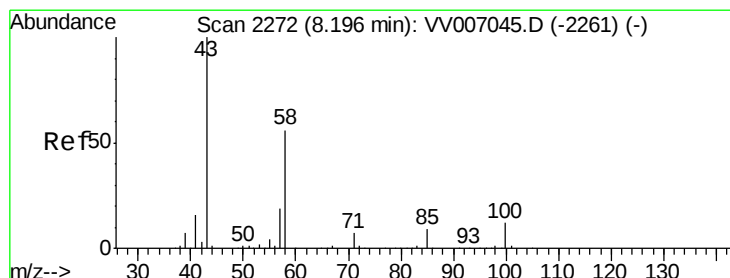
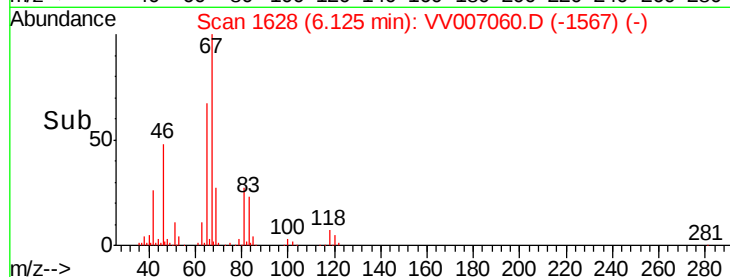
4000

2000

0

6.05 6.10 6.15 6.20

Time-->



#48

2-Hexanone

Concen: 3.793 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV007060.D

Acq: 17 Aug 2018 17:43

Tgt Ion: 43 Resp: 32216

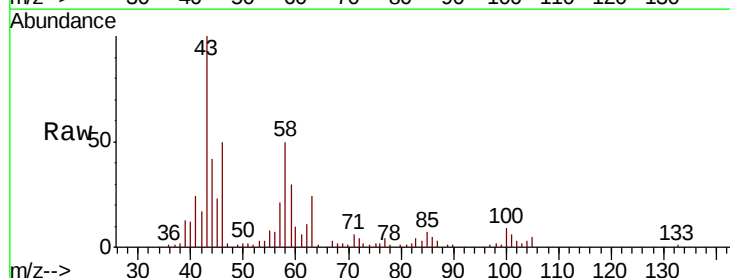
Ion Ratio Lower Upper

43 100

58 48.3 44.2 66.2

57 22.1 14.8 22.2

100 7.6 8.8 13.2#



Abundance Ion 43.05 (42.75 to 43.75): VV007045.D (-2261) (-)

Ion 58.05 (57.75 to 58.75): VV007045.D (-2261) (-)

Ion 57.20 (56.90 to 57.90): VV007045.D (-2261) (-)

Ion 100.15 (99.85 to 100.85): VV007045.D (-2261) (-)

8.20

20000

15000

10000

5000

0

8.15 8.20 8.25 8.30

Time-->

