

Data File : VV012017.D
Acq On : 24 Jul 2019 18:10
Operator : SY/MD
Sample : K3958-19
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2A44

Quant Time: Jul 25 04:17:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 25 04:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	131410	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126920	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	63004	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28470	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.59	69	24817	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.13	63	47117	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.97	46	113614	56.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.82%
24) Chloroform-d	4.40	84	85280	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.08	65	50904	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.10	84	170223	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	50485	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.36	98	149826	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.67	79	19810	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.14	63	97005	58.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38801	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	65529	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

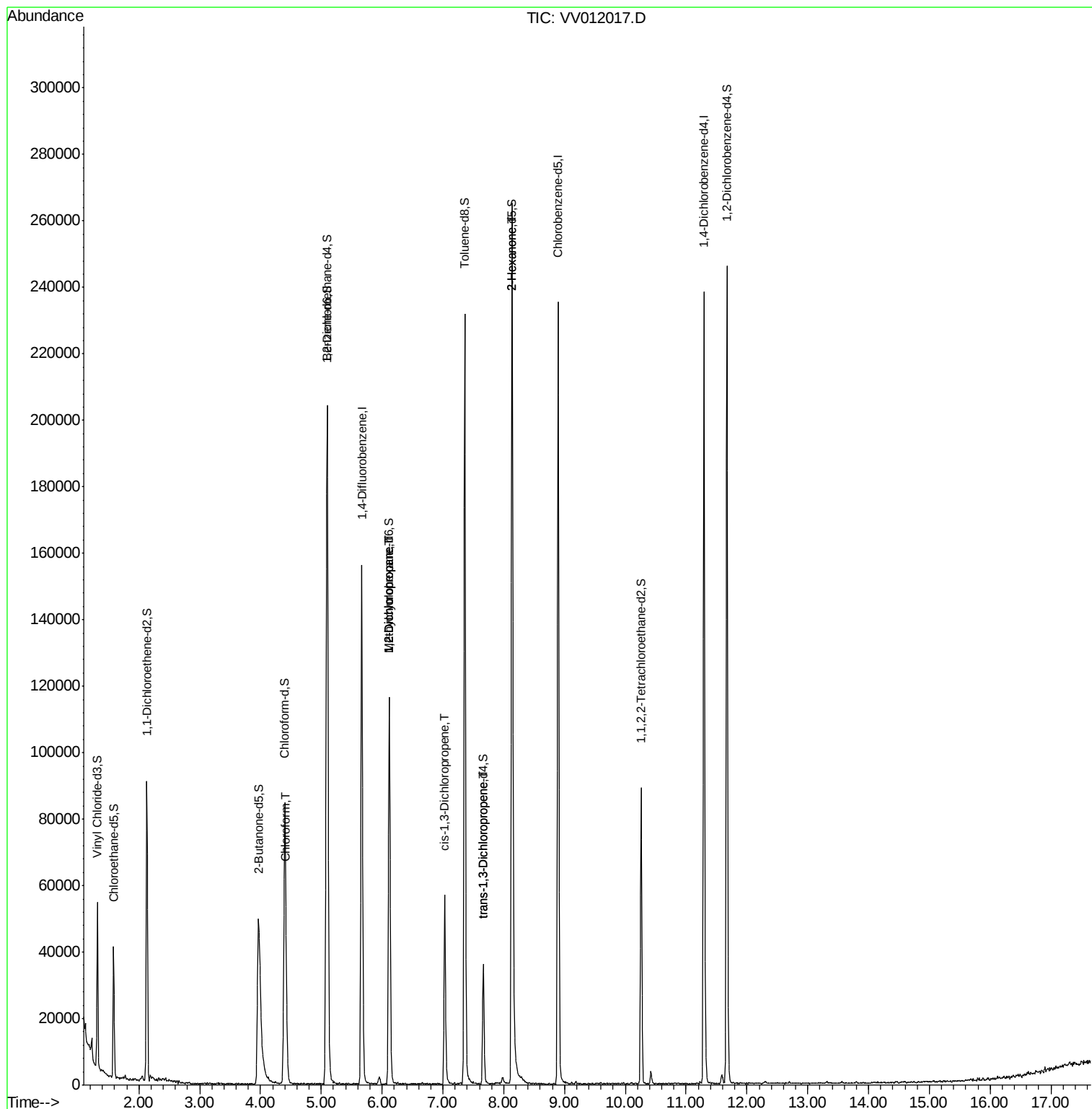
					Qvalue
25) Chloroform	4.43	83	7049	0.355 ug/L	90
35) Methylcyclohexane	6.12	83	13434	0.833 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6567	0.732 ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1561	0.117 ug/L #	80
44) trans-1,3-Dichloropropene	7.67	75	1015	0.096 ug/L	90
48) 2-Hexanone	8.14	43	11798	3.354 ug/L #	70

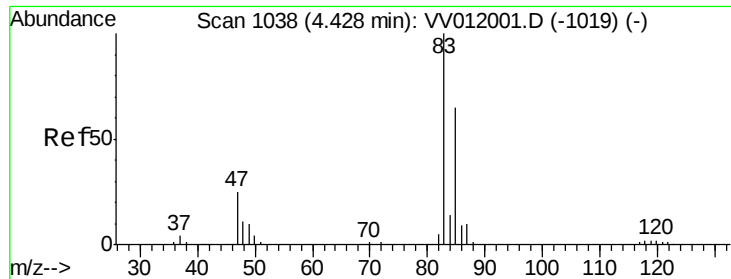
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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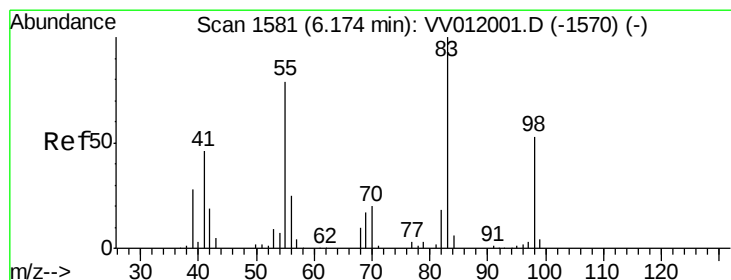
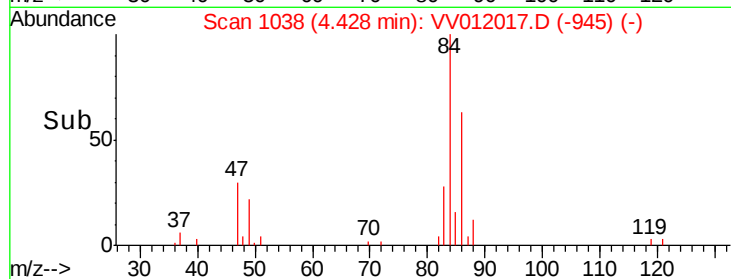
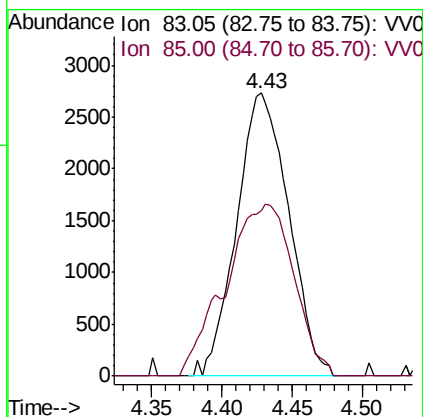
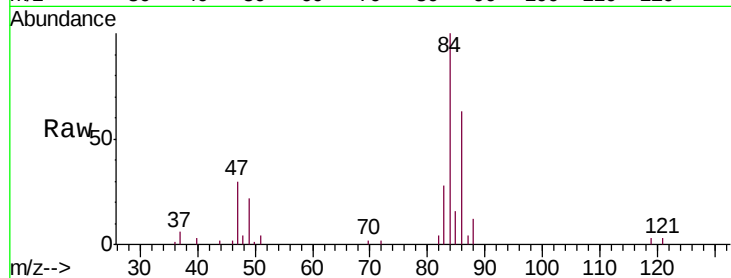




#25
Chloroform
Concen: 0.355 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012017.D
Acq: 24 Jul 2019 18:10

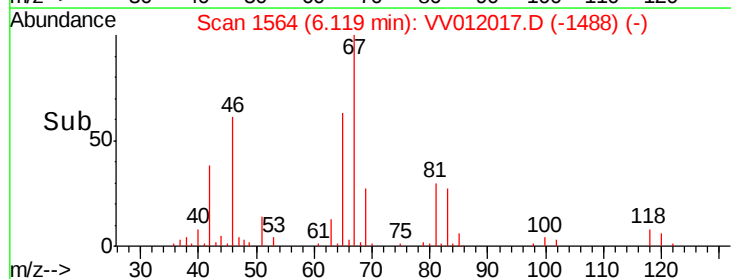
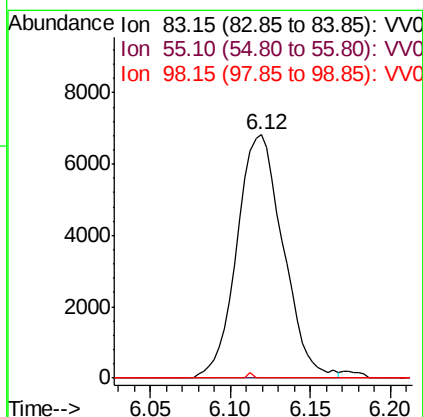
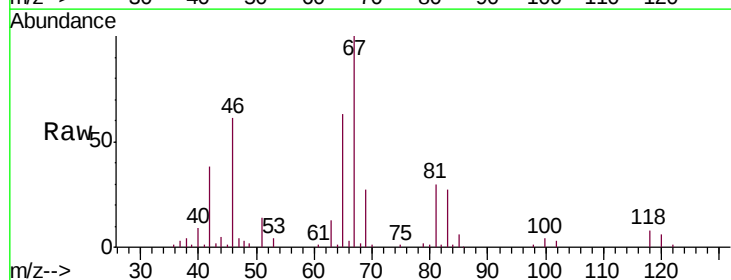
Instrument :
MSVOA_V
ClientSampled :
F2A44

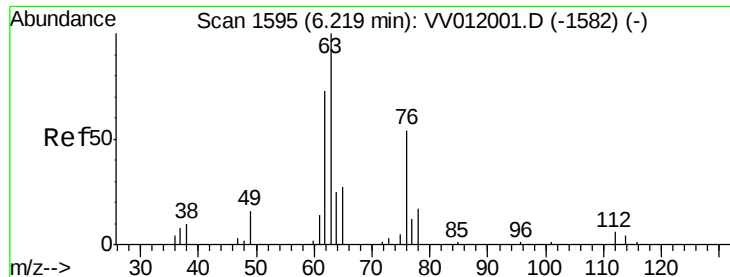
Tgt Ion: 83 Resp: 7049
Ion Ratio Lower Upper
83 100
85 58.4 46.5 86.3



#35
Methylcyclohexane
Concen: 0.833 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012017.D
Acq: 24 Jul 2019 18:10

Tgt Ion: 83 Resp: 13434
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 0.2 41.4 62.0#

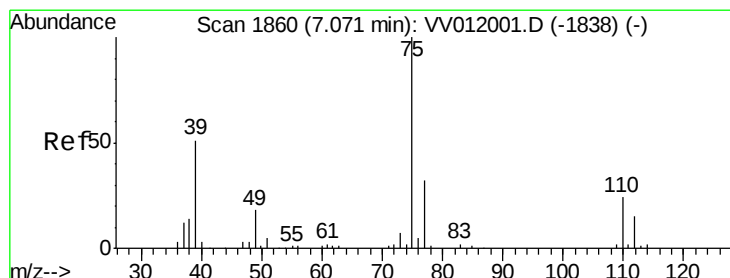
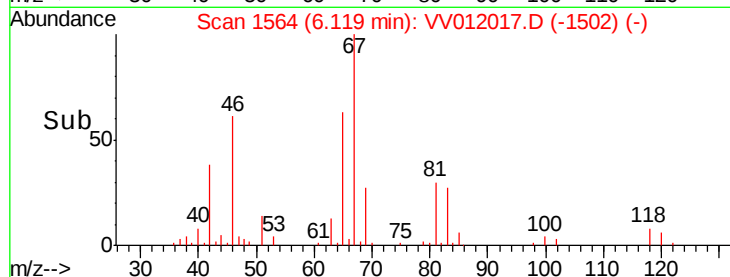
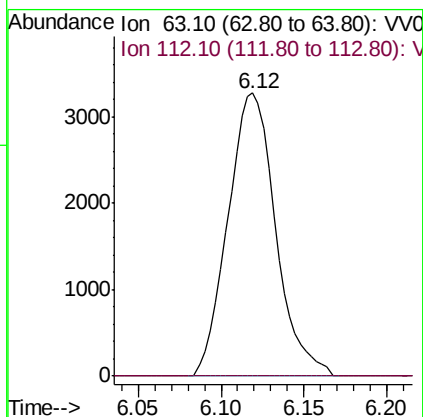
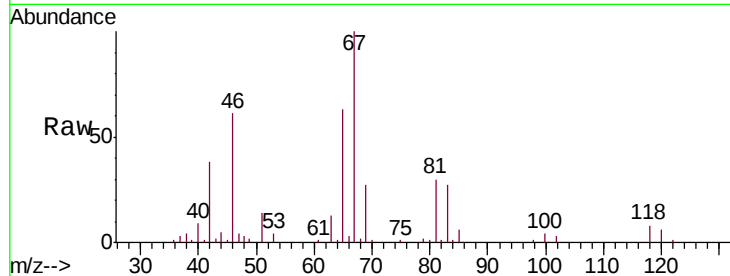




#37
 1,2-Dichloropropane
 Concen: 0.732 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV012017.D
 Acq: 24 Jul 2019 18:10

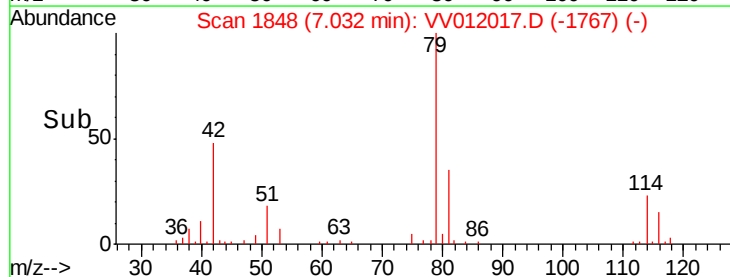
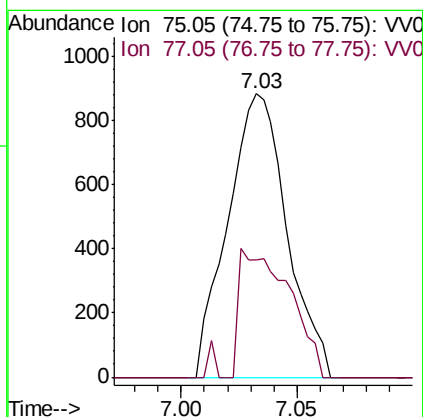
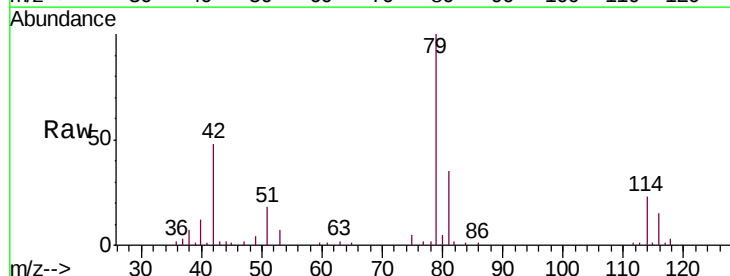
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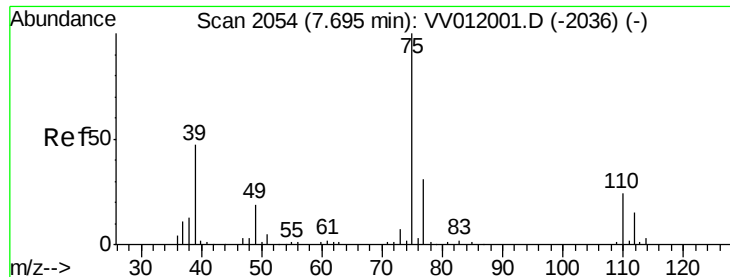
Tgt Ion: 63 Resp: 6567
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV012017.D
 Acq: 24 Jul 2019 18:10

Tgt Ion: 75 Resp: 1561
 Ion Ratio Lower Upper
 75 100
 77 41.4 21.3 39.6#





#44

trans-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012017.D

Acq: 24 Jul 2019 18:10

Instrument :

MSVOA_V

ClientSampleId :

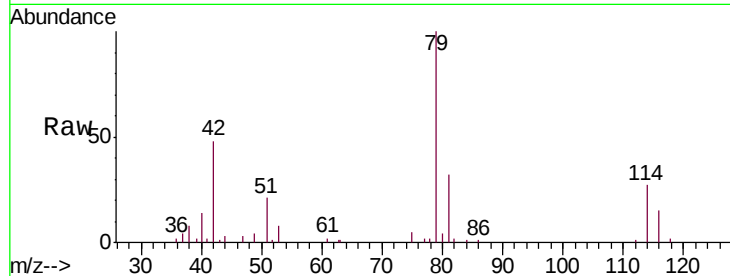
F2A44

Tgt Ion: 75 Resp: 1015

Ion Ratio Lower Upper

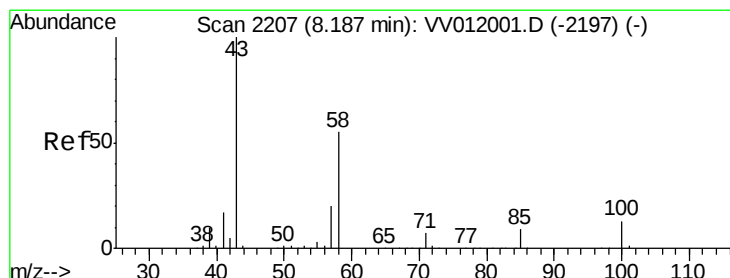
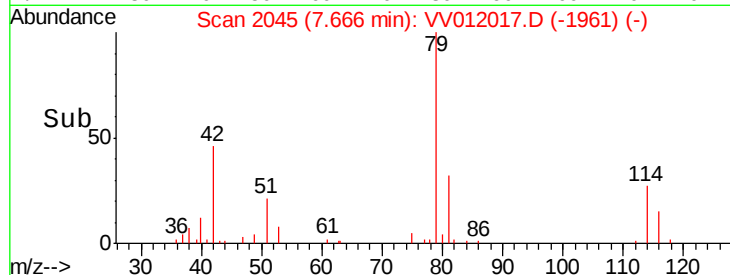
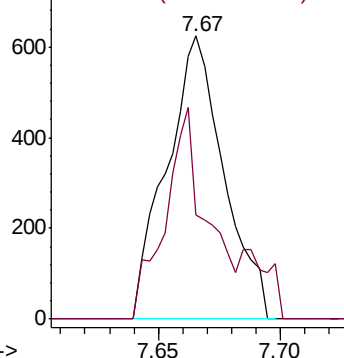
75 100

77 36.9 22.0 40.8



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 3.354 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV012017.D

Acq: 24 Jul 2019 18:10

Tgt Ion: 43 Resp: 11798

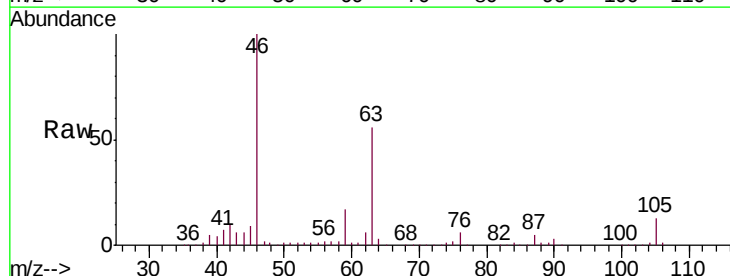
Ion Ratio Lower Upper

43 100

58 28.4 43.7 65.5#

57 25.8 16.0 24.0#

100 0.9 10.5 15.7#



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

