

Data File : VV012881.D
Acq On : 17 Sep 2019 23:18
Operator : SY/MD
Sample : K4834-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMEO

Quant Time: Sep 18 01:14:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 01:09:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	369760	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	360824	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	131456	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110735	3.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.60%
7) Chloroethane-d5	1.58	69	88791	3.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.60%#
11) 1,1-Dichloroethene-d2	2.13	63	147294	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	3.96	46	164154	21.42	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	42.84%
24) Chloroform-d	4.40	84	185585	3.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.20%#
26) 1,2-Dichloroethane-d4	5.08	65	92207	3.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.20%#
32) Benzene-d6	5.10	84	374983	3.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.60%#
36) 1,2-Dichloropropane-d6	6.12	67	114457	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	62.80%
41) Toluene-d8	7.36	98	282226	2.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	53.20%#
43) trans-1,3-Dichloropropene-	7.66	79	33471	2.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	51.20%#
46) 2-Hexanone-d5	8.14	63	133895	24.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	48.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	86362	3.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	61.40%#
64) 1,2-Dichlorobenzene-d4	11.67	152	98622	3.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	69.40%#

Target Compounds

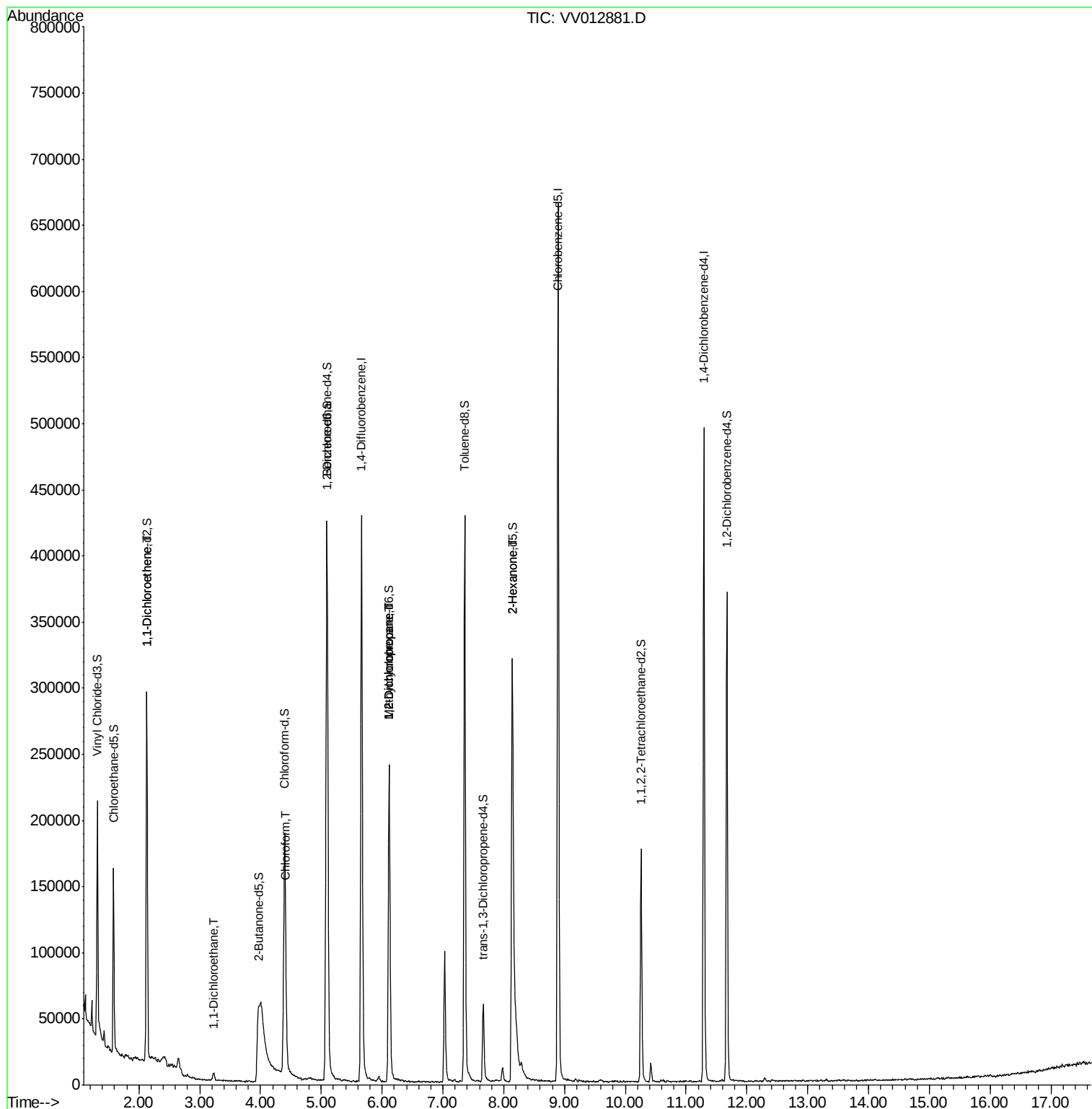
					Qvalue	
12) 1,1-Dichloroethene	2.14	96	1816	0.092	ug/L #	1
19) 1,1-Dichloroethane	3.23	63	5399	0.119	ug/L	96
25) Chloroform	4.42	83	7021	0.137	ug/L	95
35) Methylcyclohexane	6.12	83	27173	0.840	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	12530	0.491	ug/L #	86
48) 2-Hexanone	8.14	43	16172	1.362	ug/L #	84

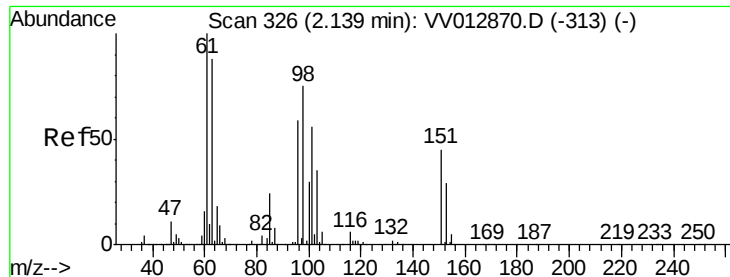
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.092 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV012881.D

Acq: 17 Sep 2019 23:18

Instrument :

MSVOA_V

ClientSampled :

COME0

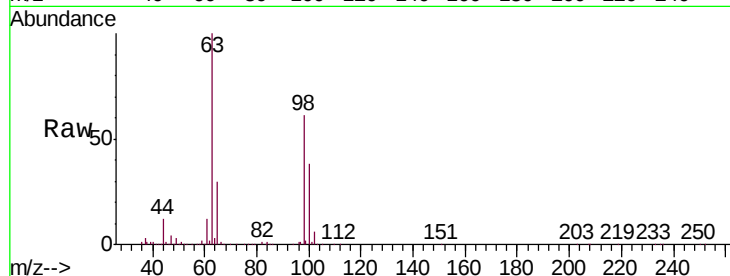
Tgt Ion: 96 Resp: 1816

Ion Ratio Lower Upper

96 100

61 1071.3 116.1 215.5#

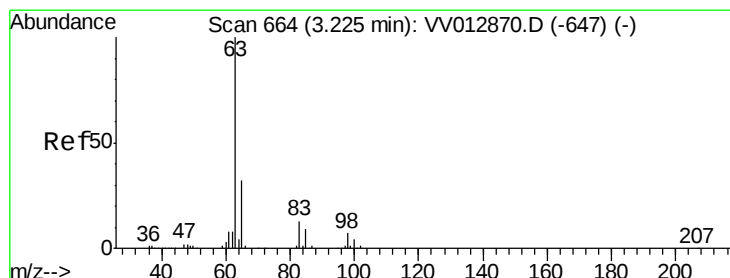
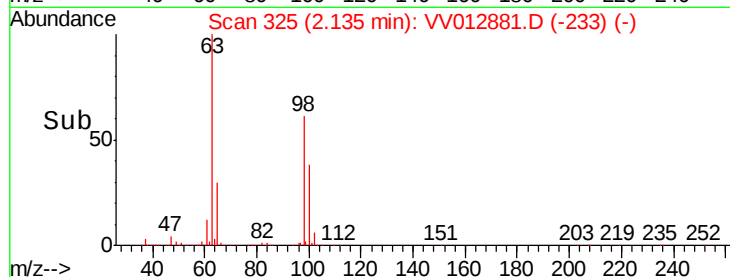
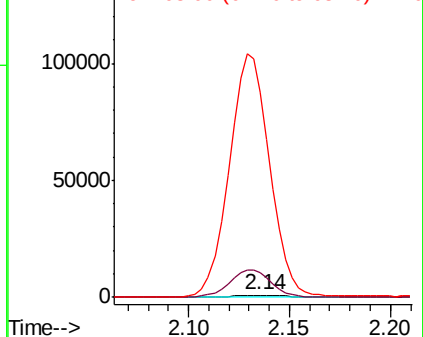
63 8847.5 113.3 210.3#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#19

1,1-Dichloroethane

Concen: 0.119 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.01 min

Lab File: VV012881.D

Acq: 17 Sep 2019 23:18

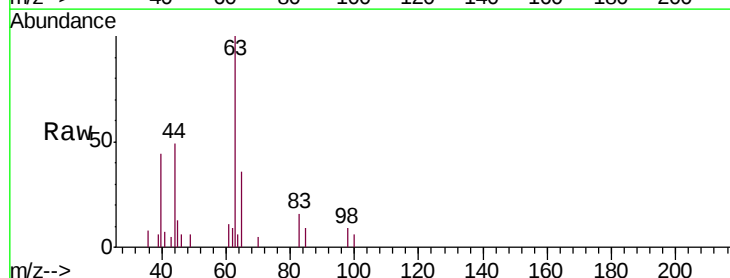
Tgt Ion: 63 Resp: 5399

Ion Ratio Lower Upper

63 100

65 33.6 22.0 41.0

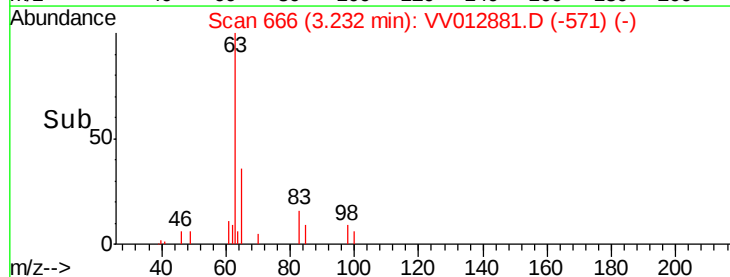
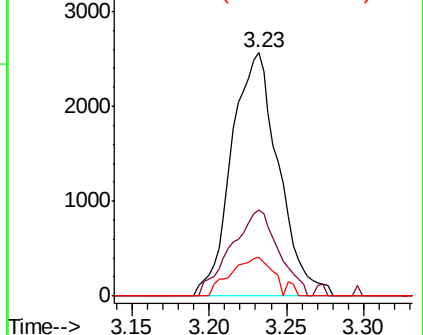
83 14.9 9.2 17.0

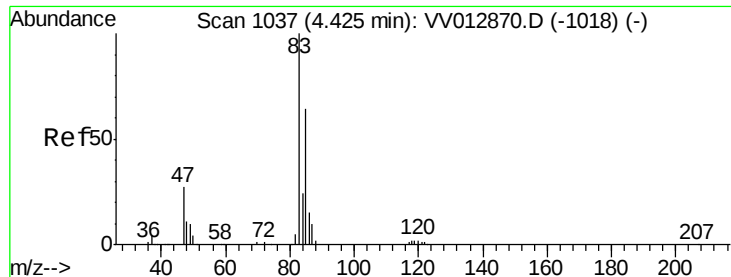


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0

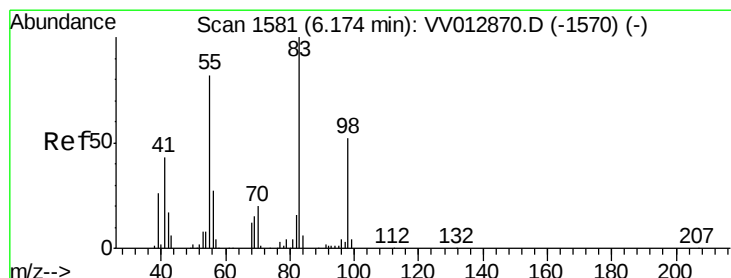
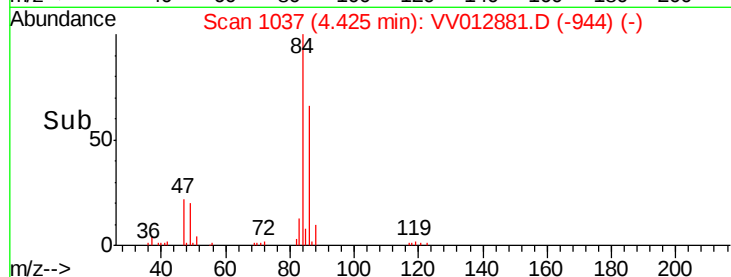
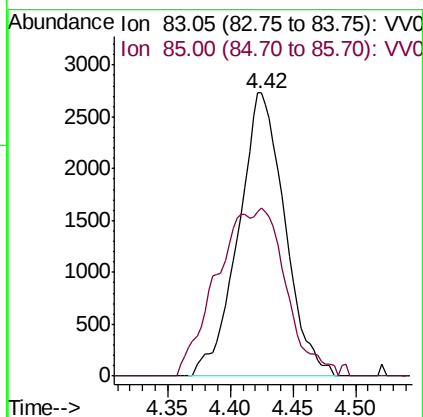
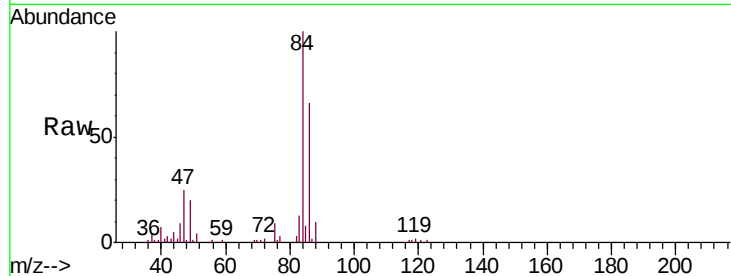




#25
Chloroform
Concen: 0.137 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012881.D
Acq: 17 Sep 2019 23:18

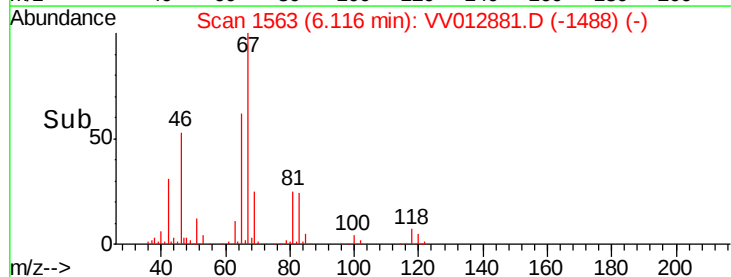
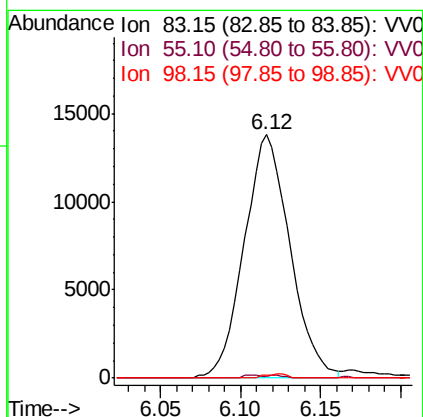
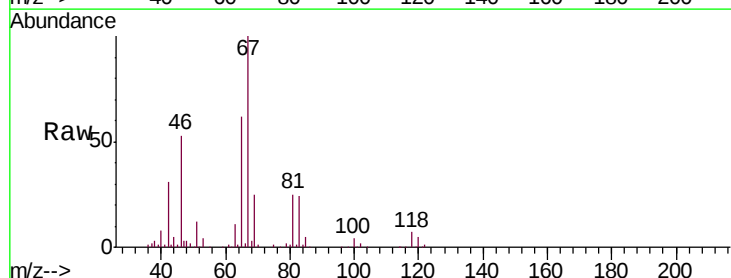
Instrument :
MSVOA_V
ClientSampled :
COMEO

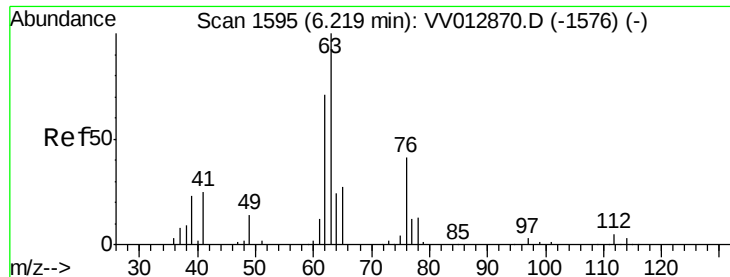
Tgt Ion: 83 Resp: 7021
Ion Ratio Lower Upper
83 100
85 59.2 44.4 82.5



#35
Methylcyclohexane
Concen: 0.840 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012881.D
Acq: 17 Sep 2019 23:18

Tgt Ion: 83 Resp: 27173
Ion Ratio Lower Upper
83 100
55 0.5 63.8 95.6#
98 0.8 38.2 57.4#





#37

1,2-Dichloropropane

Concen: 0.491 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012881.D

Acq: 17 Sep 2019 23:18

Instrument :

MSVOA_V

ClientSampleId :

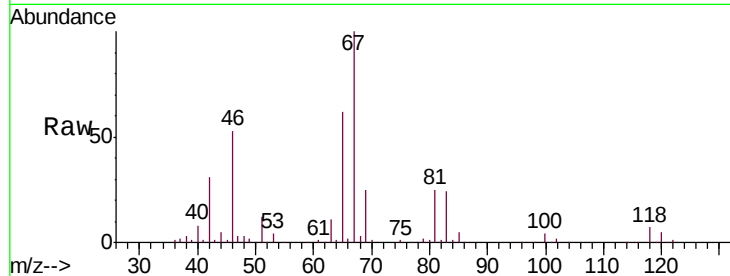
COME0

Tgt Ion: 63 Resp: 12530

Ion Ratio Lower Upper

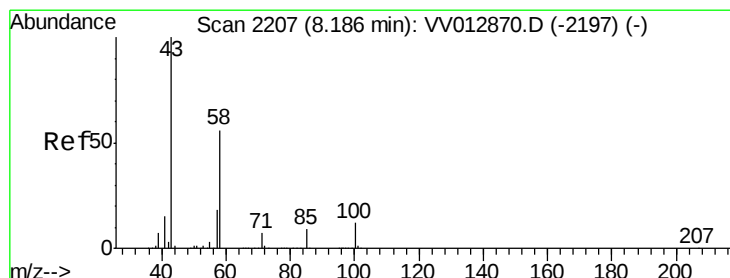
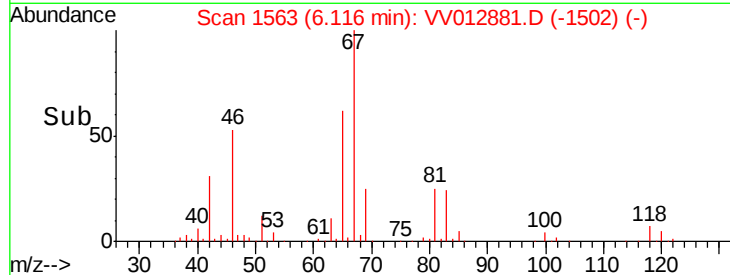
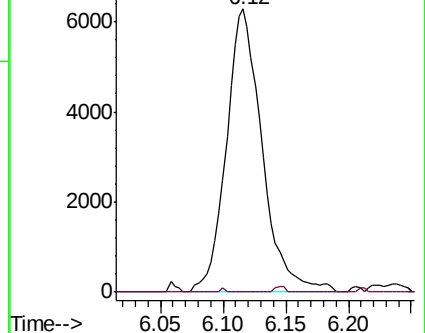
63 100

112 0.2 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV012870.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV012870.D (-1576) (-)



#48

2-Hexanone

Concen: 1.362 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV012881.D

Acq: 17 Sep 2019 23:18

Tgt Ion: 43 Resp: 16172

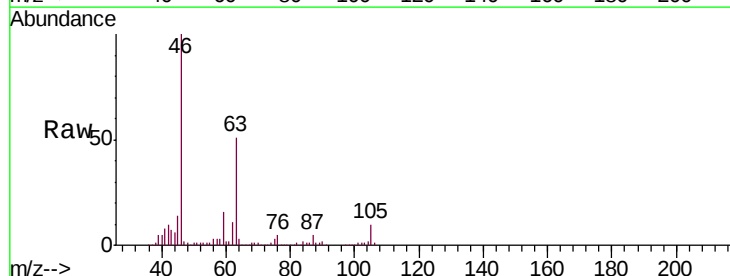
Ion Ratio Lower Upper

43 100

58 55.3 44.5 66.7

57 45.4 15.0 22.6#

100 4.0 9.7 14.5#



Abundance Ion 43.05 (42.75 to 43.75): VV012870.D (-2197) (-)

Ion 58.05 (57.75 to 58.75): VV012870.D (-2197) (-)

Ion 57.20 (56.90 to 57.90): VV012870.D (-2197) (-)

Ion 100.15 (99.85 to 100.85): VV012870.D (-2197) (-)

