

Data File : VV012883.D
Acq On : 18 Sep 2019 00:38
Operator : SY/MD
Sample : K4892-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 18 02:26:26 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	365619	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	366523	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	138585	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	209001	5.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.60%
7) Chloroethane-d5	1.58	69	168204	5.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.00%
11) 1,1-Dichloroethene-d2	2.13	63	260515	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.60%
20) 2-Butanone-d5	3.95	46	338152	44.62	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.24%
24) Chloroform-d	4.40	84	324170	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	5.08	65	171691	5.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.00%
32) Benzene-d6	5.10	84	686662	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
36) 1,2-Dichloropropane-d6	6.12	67	209100	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.00%
41) Toluene-d8	7.36	98	556034	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	7.66	79	65438	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.14	63	286288	51.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	153826	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	193188	6.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.00%#

Target Compounds

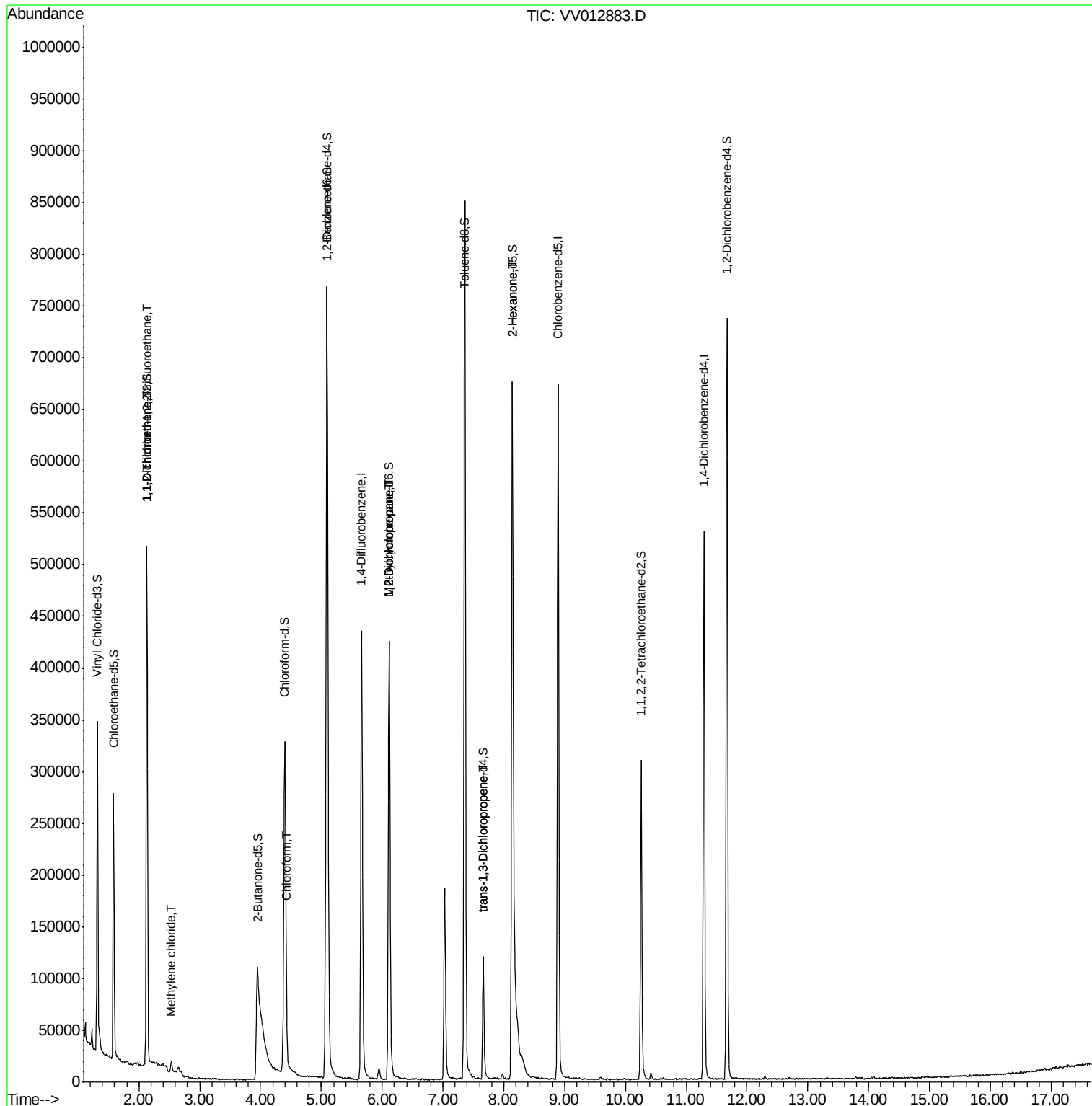
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2703	0.125	ug/L #	22
12) 1,1-Dichloroethene	2.13	96	2315	0.118	ug/L #	1
16) Methylene chloride	2.54	84	4285	0.178	ug/L	89
25) Chloroform	4.43	83	11898	0.235	ug/L	92
35) Methylcyclohexane	6.12	83	50203	1.527	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	22559	0.870	ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	2915	0.106	ug/L #	74
48) 2-Hexanone	8.14	43	47997	3.981	ug/L #	43

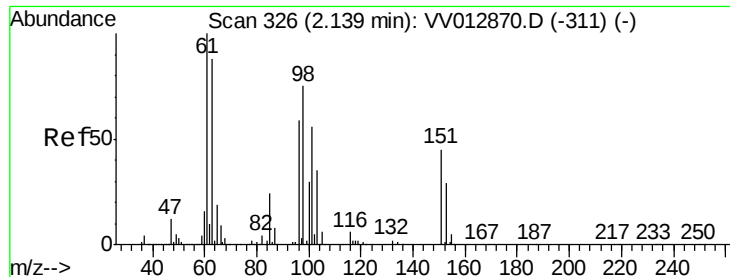
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.125 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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VHBLK01

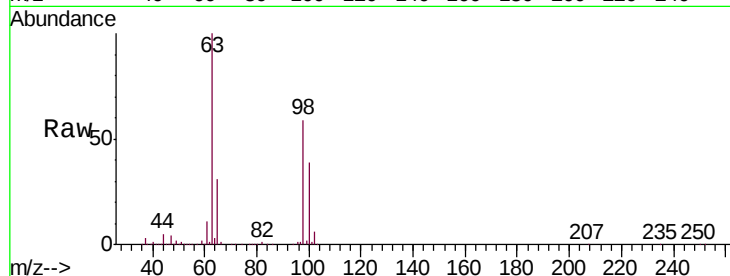
Tgt Ion:101 Resp: 2703

Ion Ratio Lower Upper

101 100

85 3.6 33.5 50.3#

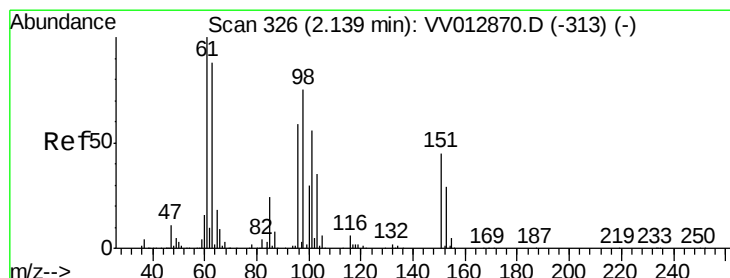
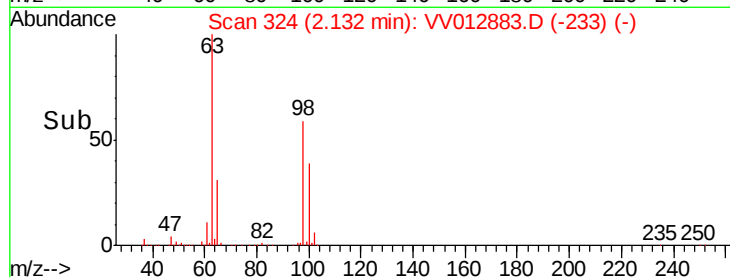
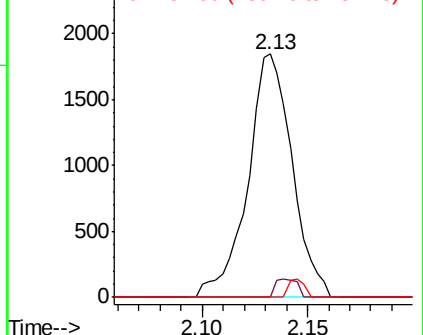
151 2.7 64.0 96.0#



Abundance Ion 101.00 (100.70 to 101.70): V

2500 Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.118 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012883.D

Acq: 18 Sep 2019 00:38

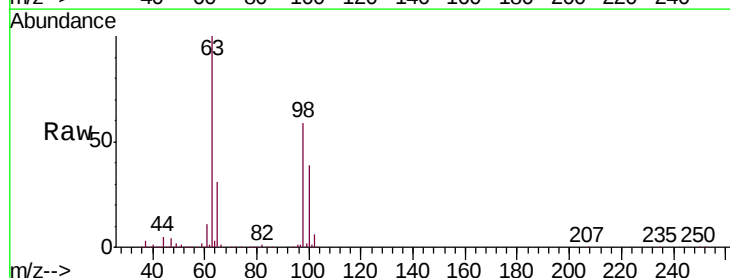
Tgt Ion: 96 Resp: 2315

Ion Ratio Lower Upper

96 100

61 1321.6 116.1 215.5#

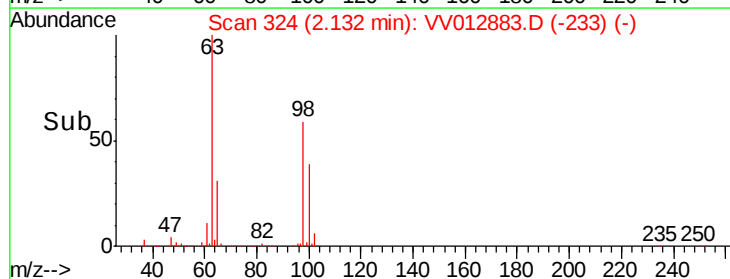
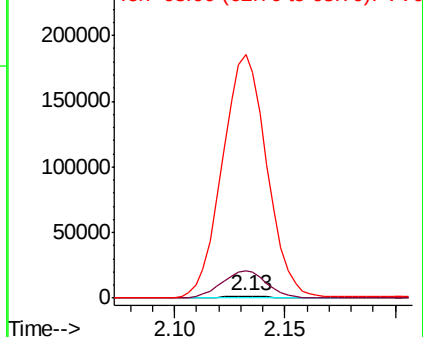
63 11694.3 113.3 210.3#

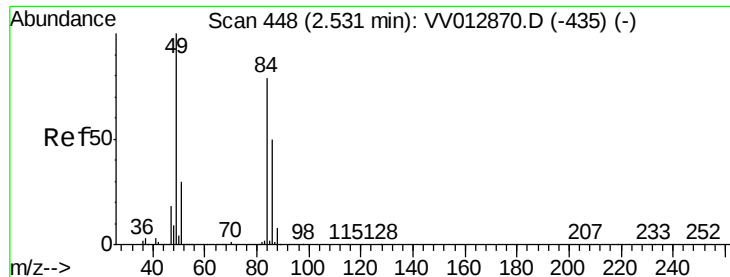


Abundance Ion 96.00 (95.70 to 96.70): VV0

250000 Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

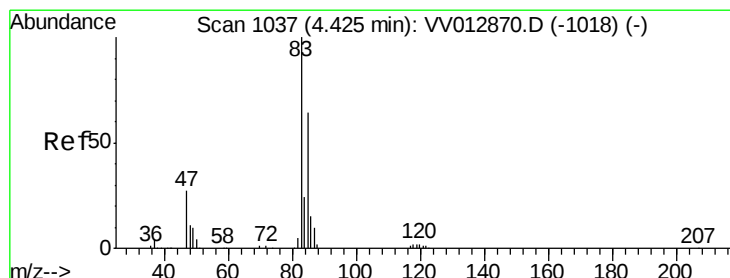
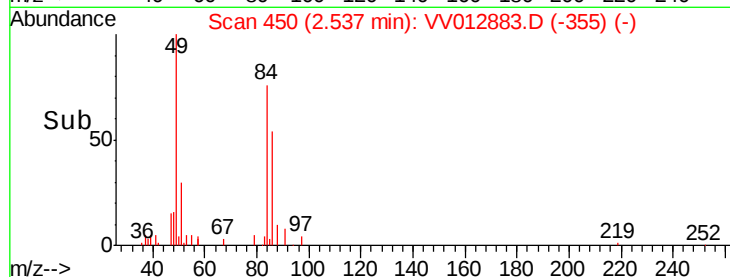
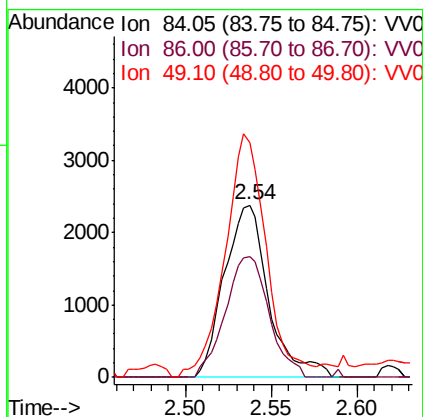
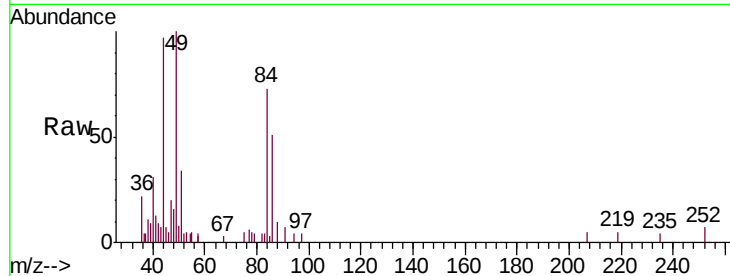




#16
Methylene chloride
Concen: 0.178 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV012883.D
Acq: 18 Sep 2019 00:38

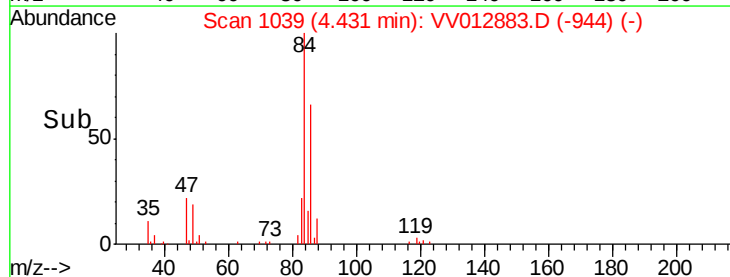
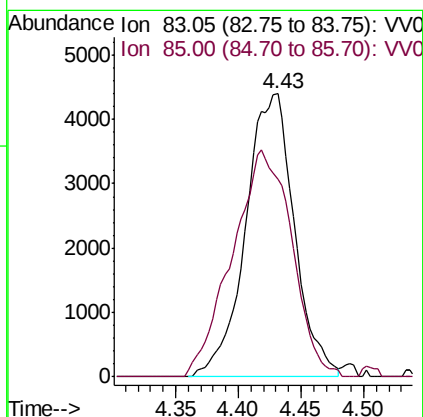
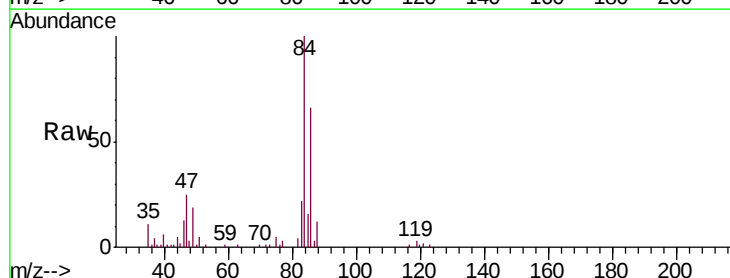
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

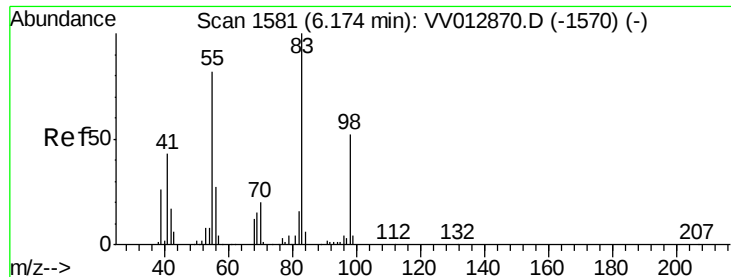
Tgt Ion: 84 Resp: 4285
Ion Ratio Lower Upper
84 100
86 70.1 44.8 83.2
49 136.3 85.9 159.5



#25
Chloroform
Concen: 0.235 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV012883.D
Acq: 18 Sep 2019 00:38

Tgt Ion: 83 Resp: 11898
Ion Ratio Lower Upper
83 100
85 70.0 44.4 82.5

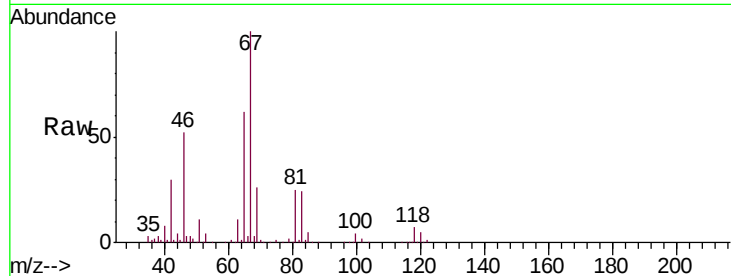




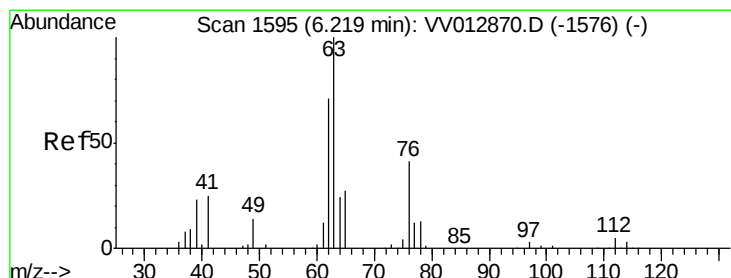
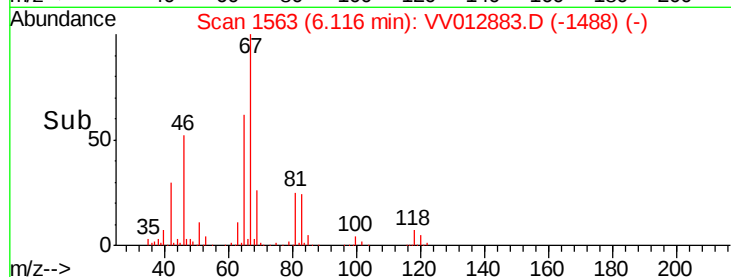
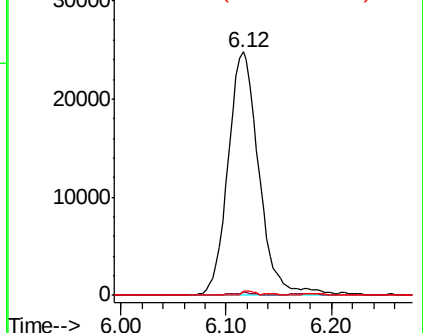
#35
Methylcyclohexane
Concen: 1.527 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012883.D
Acq: 18 Sep 2019 00:38

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 50203
Ion Ratio Lower Upper
83 100
55 0.7 63.8 95.6#
98 0.7 38.2 57.4#

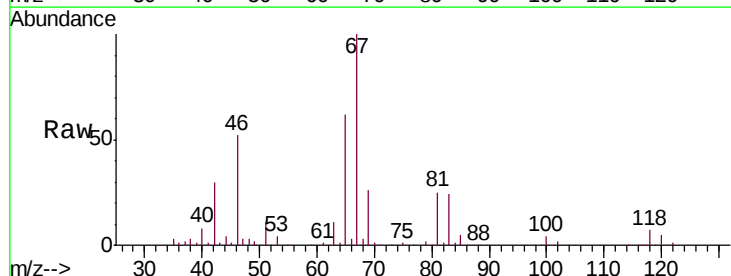


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

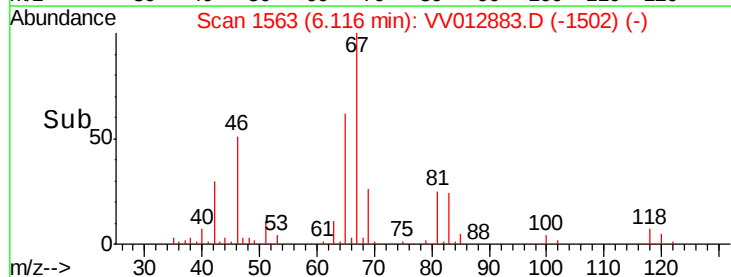
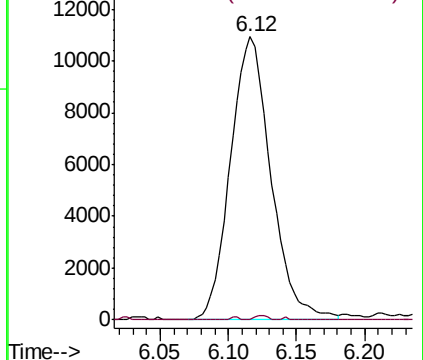


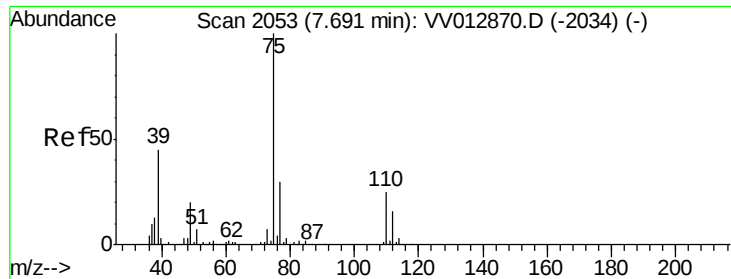
#37
1,2-Dichloropropane
Concen: 0.870 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012883.D
Acq: 18 Sep 2019 00:38

Tgt Ion: 63 Resp: 22559
Ion Ratio Lower Upper
63 100
112 0.5 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012883.D

Acq: 18 Sep 2019 00:38

Instrument :

MSVOA_V

ClientSampleId :

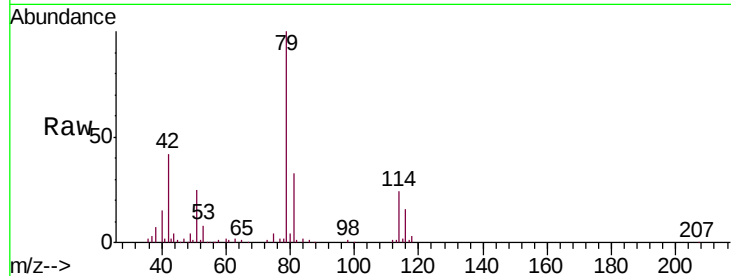
VHBLK01

Tgt Ion: 75 Resp: 2915

Ion Ratio Lower Upper

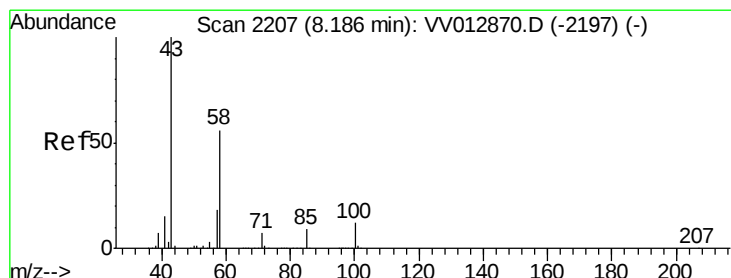
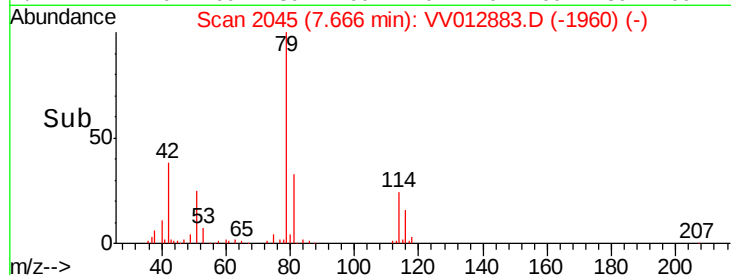
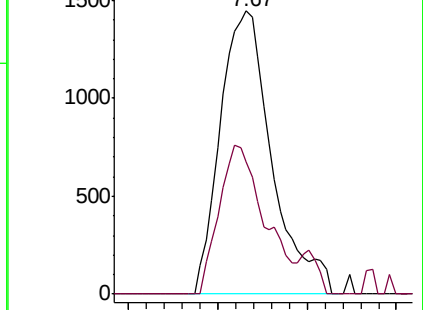
75 100

77 46.7 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 3.981 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV012883.D

Acq: 18 Sep 2019 00:38

Tgt Ion: 43 Resp: 47997

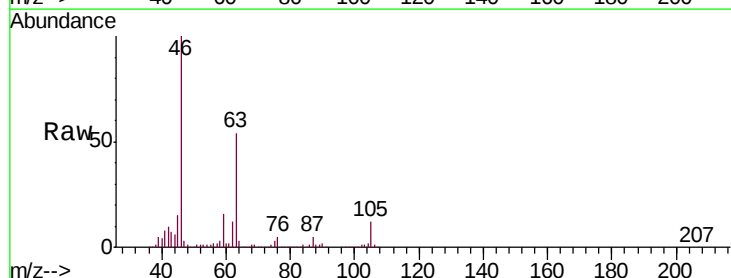
Ion Ratio Lower Upper

43 100

58 0.0 44.5 66.7#

57 26.6 15.0 22.6#

100 2.1 9.7 14.5#



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

