

Data File : VV013644.D
Acq On : 15 Nov 2019 17:59
Operator : SY/MD
Sample : K5855-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Nov 15 23:53:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 23:49:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	374368	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	366319	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	161709	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	121354	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.58	69	111287	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.12	63	164071	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	3.96	46	282139	52.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.52%
24) Chloroform-d	4.39	84	262266	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.08	65	131808	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.09	84	528661	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.11	67	162055	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.35	98	448527	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.66	79	56678	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.13	63	212301	48.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	106959	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	176826	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

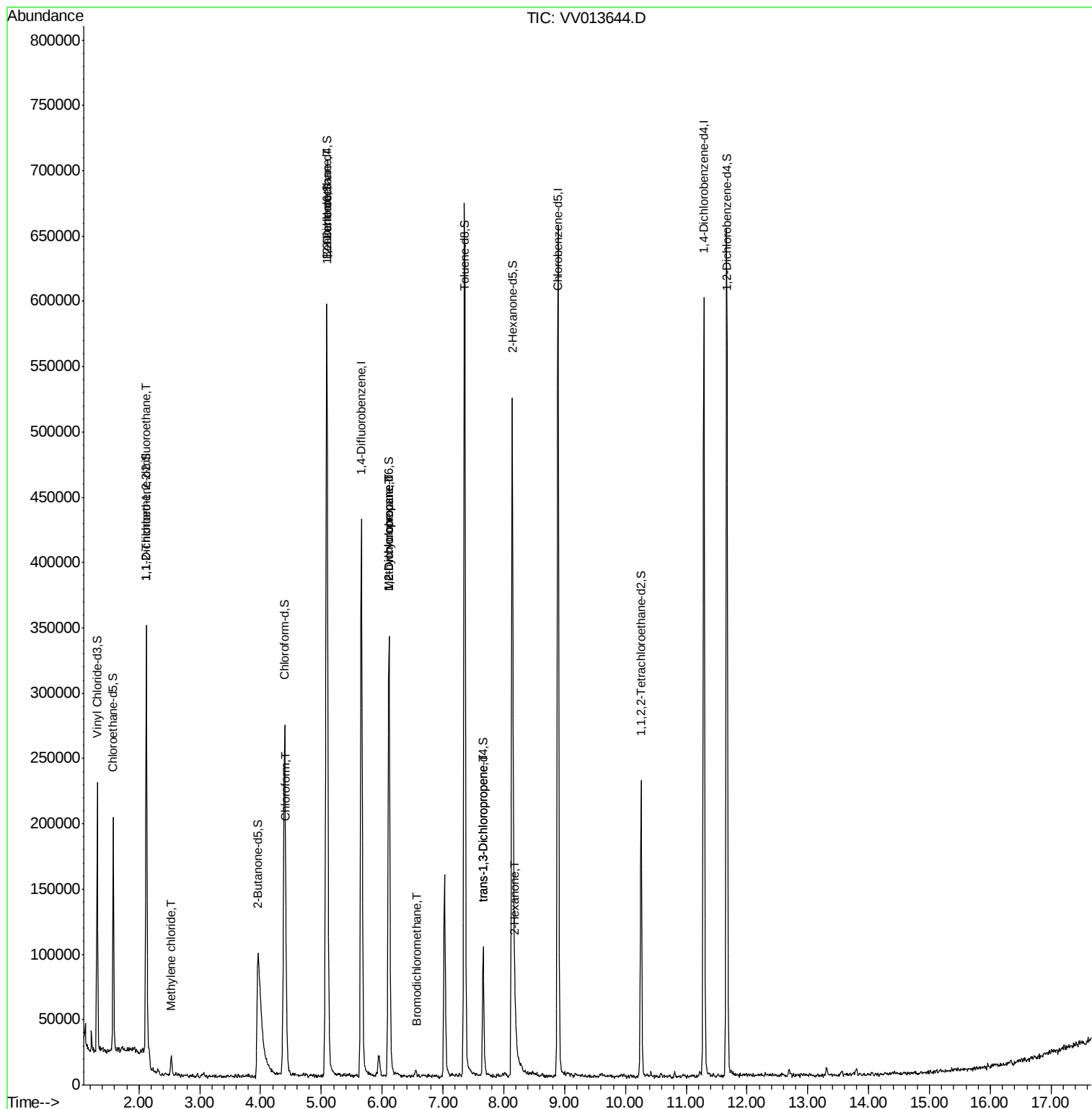
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1835	0.080 ug/L #	28
16) Methylene chloride	2.53	84	6365	0.205 ug/L	91
25) Chloroform	4.42	83	29163	0.437 ug/L	96
27) 1,2-Dichloroethane	5.09	62	3367	0.114 ug/L	98
35) Methylcyclohexane	6.11	83	39220	0.866 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	19150	0.721 ug/L #	85
38) Bromodichloromethane	6.55	83	3096	0.084 ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	2801	0.093 ug/L	93
48) 2-Hexanone	8.19	43	9563	0.873 ug/L #	44

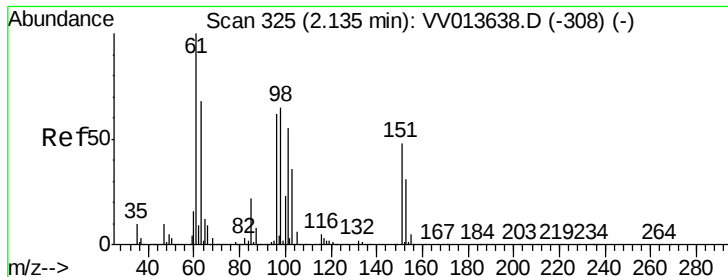
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.080 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

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Acq: 15 Nov 2019 17:59

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

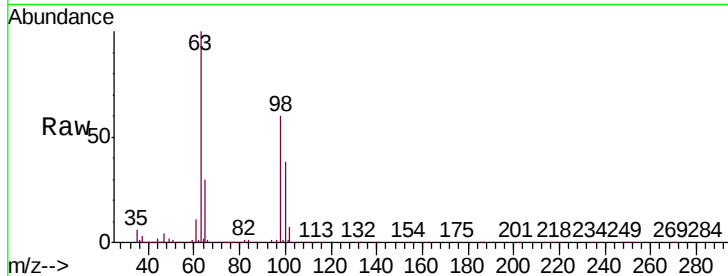
Tgt Ion:101 Resp: 1835

Ion Ratio Lower Upper

101 100

85 12.0 32.0 48.0#

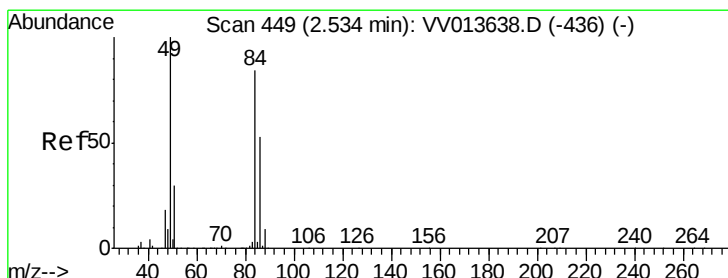
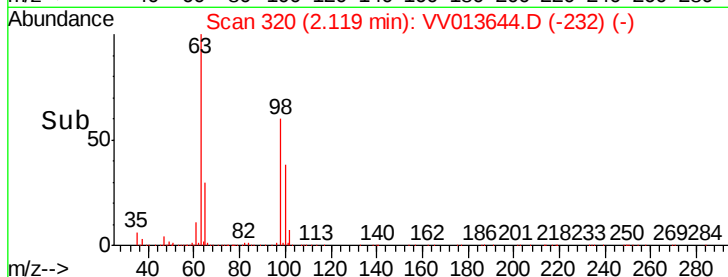
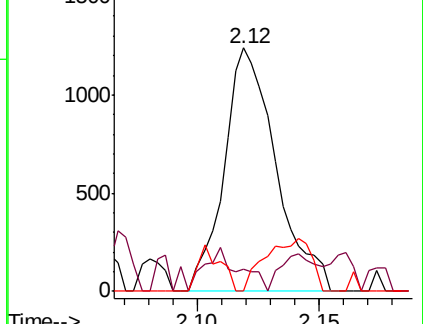
151 8.0 69.0 103.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.205 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV013644.D

Acq: 15 Nov 2019 17:59

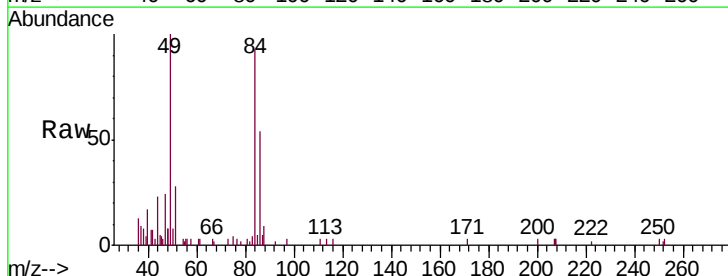
Tgt Ion: 84 Resp: 6365

Ion Ratio Lower Upper

84 100

86 57.6 44.1 81.9

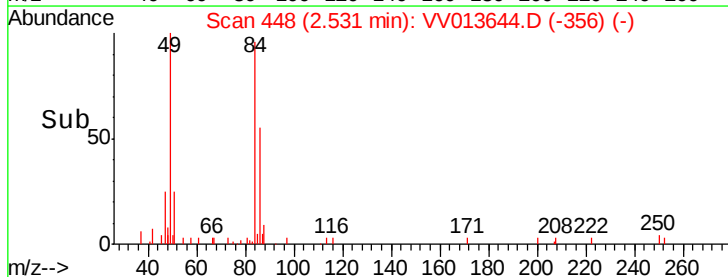
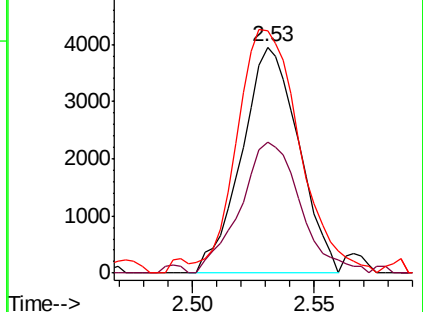
49 107.4 83.4 155.0

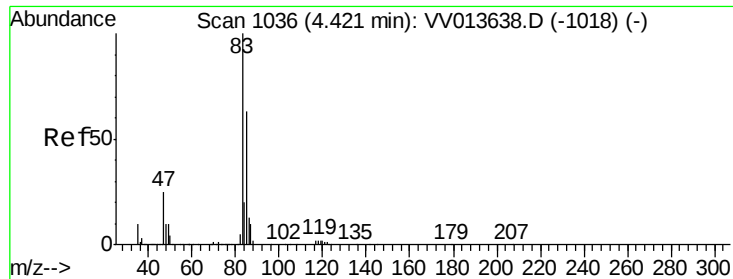


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#25

Chloroform

Concen: 0.437 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

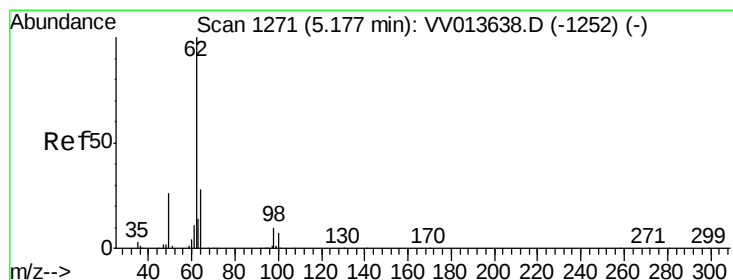
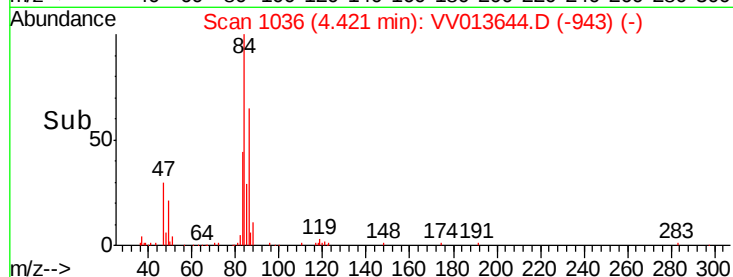
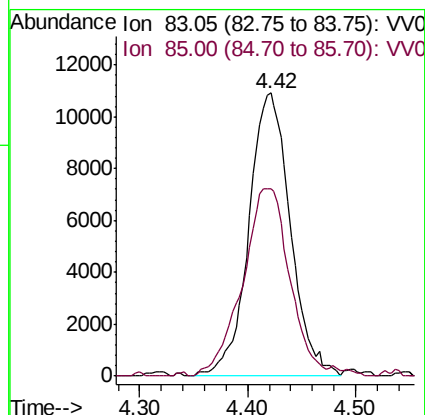
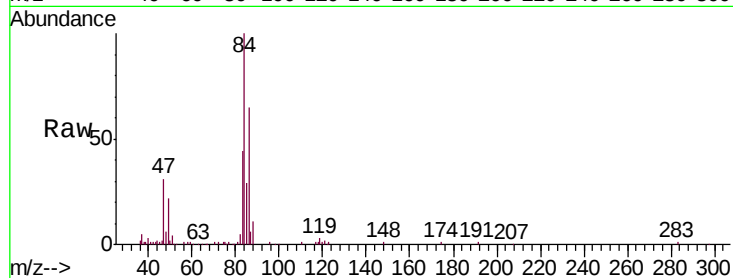
VHBLK01

Tgt Ion: 83 Resp: 29163

Ion Ratio Lower Upper

83 100

85 66.4 44.4 82.5



#27

1,2-Dichloroethane

Concen: 0.114 ug/L

RT: 5.09 min Scan# 1244

Delta R.T. -0.09 min

Lab File: VV013644.D

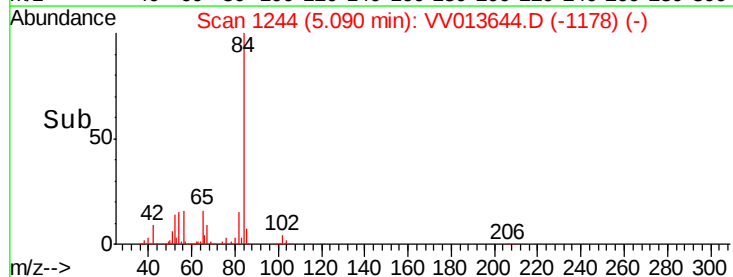
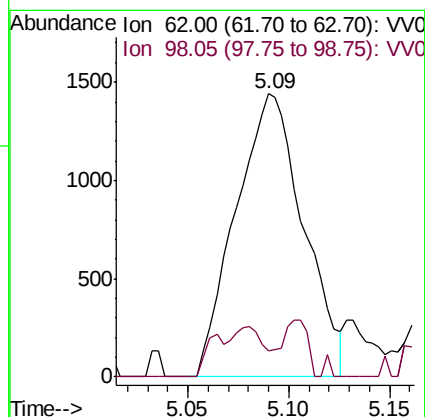
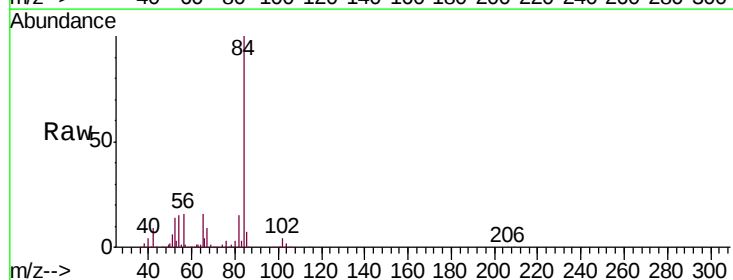
Acq: 15 Nov 2019 17:59

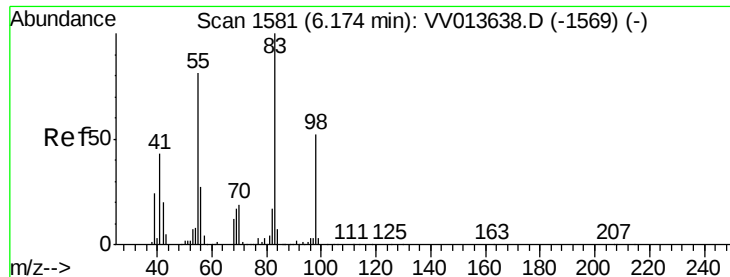
Tgt Ion: 62 Resp: 3367

Ion Ratio Lower Upper

62 100

98 9.4 8.2 12.2





#35

Methylcyclohexane

Concen: 0.866 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013644.D

Acq: 15 Nov 2019 17:59

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

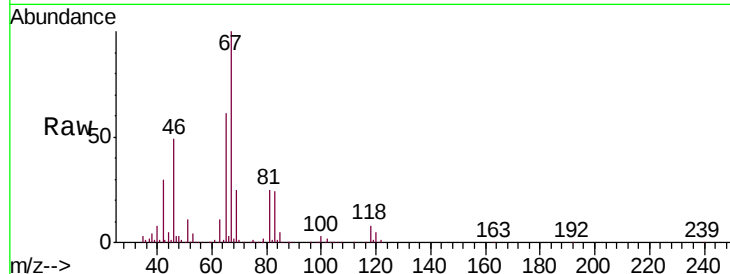
Tgt Ion: 83 Resp: 39220

Ion Ratio Lower Upper

83 100

55 0.9 64.1 96.1#

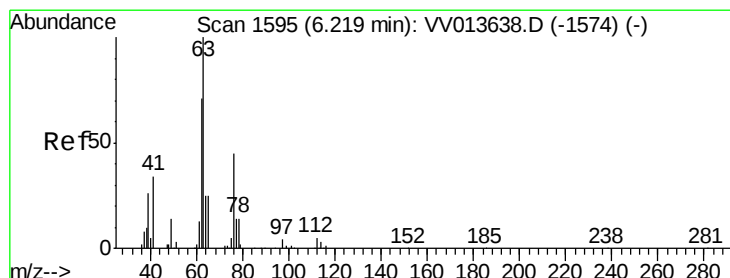
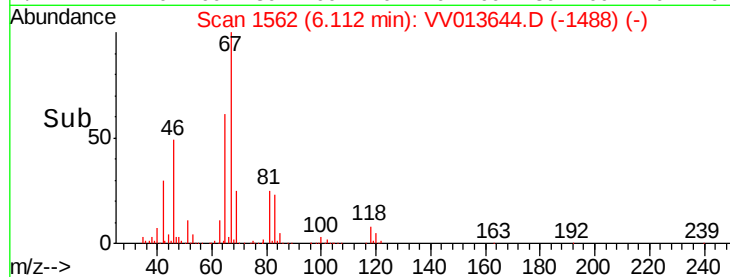
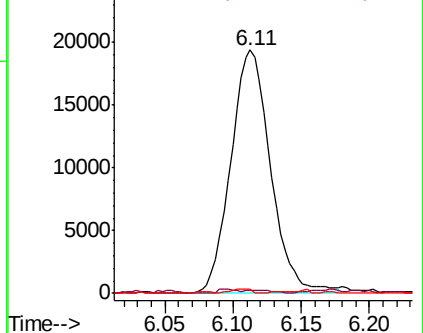
98 1.0 38.2 57.2#



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: 0.721 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV013644.D

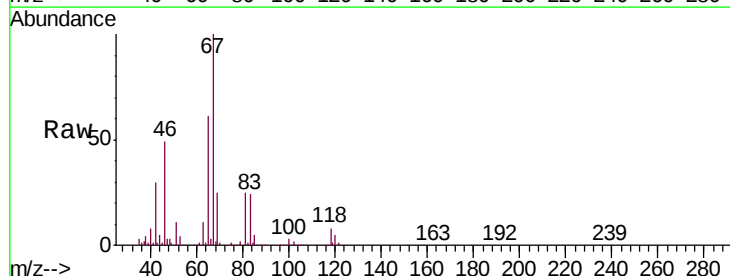
Acq: 15 Nov 2019 17:59

Tgt Ion: 63 Resp: 19150

Ion Ratio Lower Upper

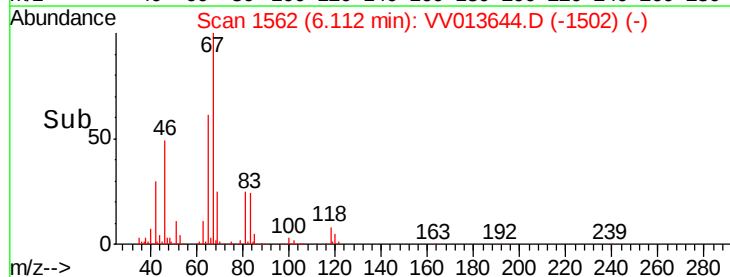
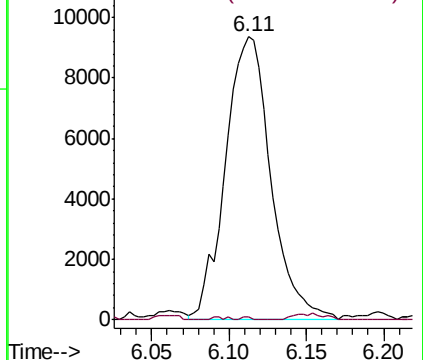
63 100

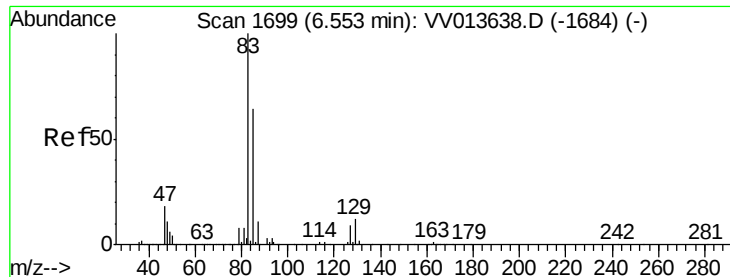
112 0.2 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.084 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VV013644.D

Acq: 15 Nov 2019 17:59

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

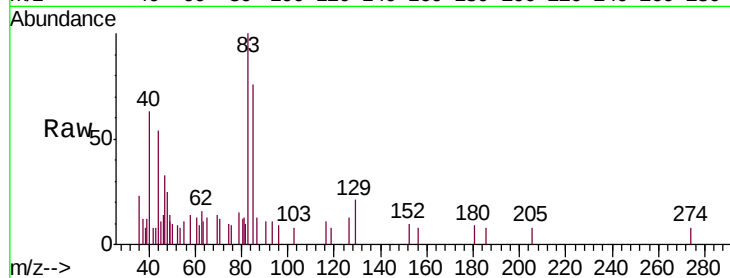
Tgt Ion: 83 Resp: 3096

Ion Ratio Lower Upper

83 100

85 76.5 44.9 83.5

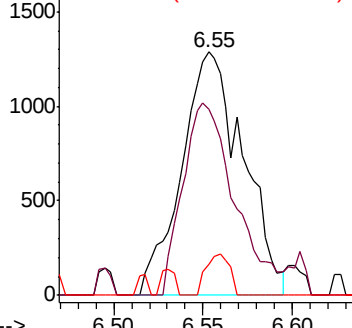
127 13.0 7.0 10.6#



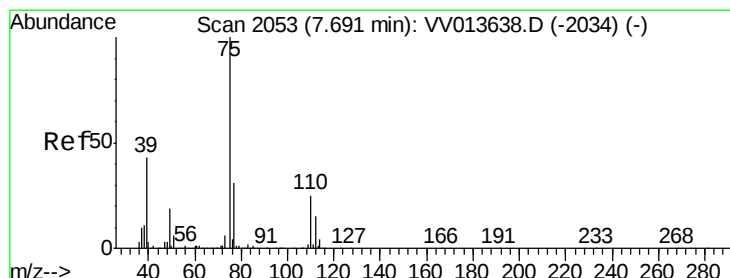
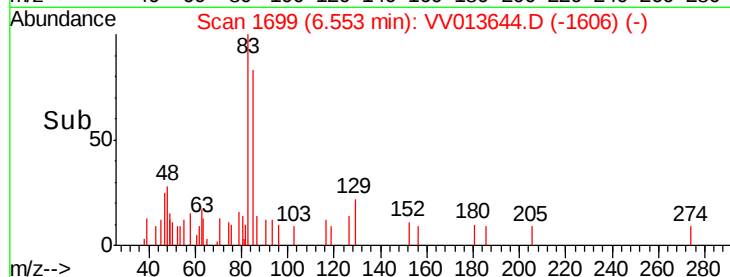
Abundance Ion 82.95 (82.65 to 83.65): VV013638.D (-1684) (-)

Ion 85.00 (84.70 to 85.70): VV013638.D (-1684) (-)

Ion 126.90 (126.60 to 127.60): VV013638.D (-1684) (-)



Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. -0.04 min

Lab File: VV013644.D

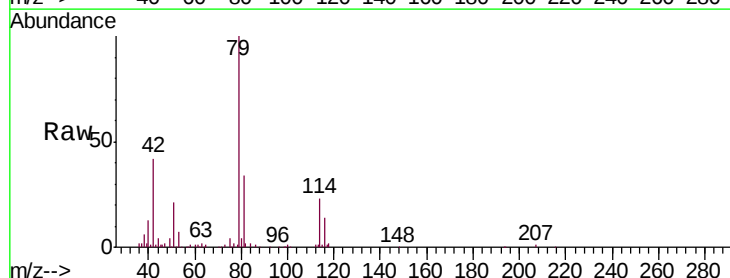
Acq: 15 Nov 2019 17:59

Tgt Ion: 75 Resp: 2801

Ion Ratio Lower Upper

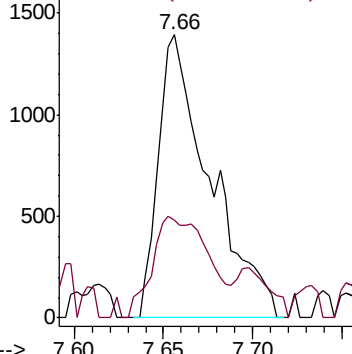
75 100

77 34.5 21.6 40.2

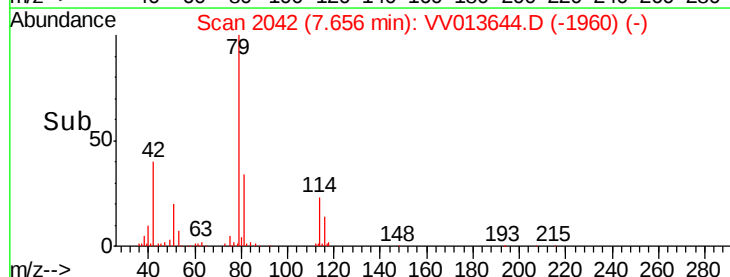


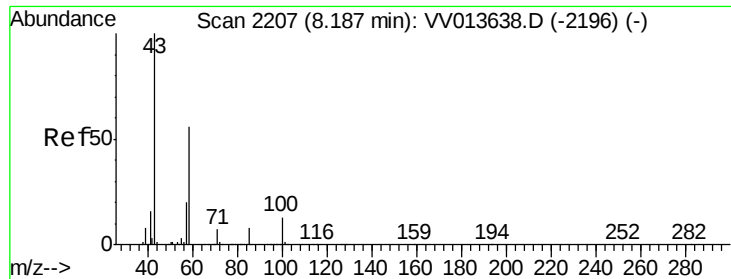
Abundance Ion 75.05 (74.75 to 75.75): VV013638.D (-2034) (-)

Ion 77.05 (76.75 to 77.75): VV013638.D (-2034) (-)



Time-->





#48

2-Hexanone

Concen: 0.873 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV013644.D

Acq: 15 Nov 2019 17:59

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 9563

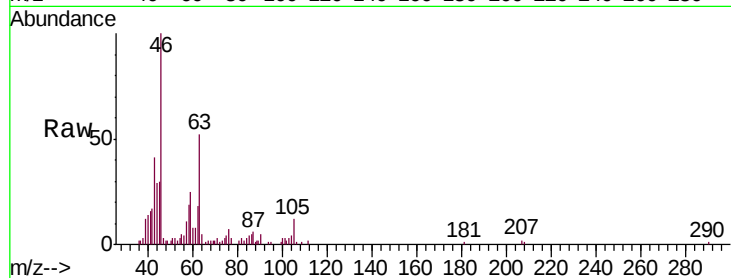
Ion Ratio Lower Upper

43 100

58 3.7 43.0 64.6#

57 0.0 15.4 23.2#

100 5.4 10.1 15.1#



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

