

Data File : VV013651.D
Acq On : 18 Nov 2019 11:42
Operator : SY/MD
Sample : VV1118WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK56

Quant Time: Nov 19 04:27:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	363152	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	355961	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	159745	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113957	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.58	69	106541	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.13	63	154630	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.96	46	238551	45.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.96%
24) Chloroform-d	4.40	84	255450	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.08	65	129431	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.09	84	504536	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.11	67	156923	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.36	98	427760	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.66	79	54393	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.14	63	204282	47.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	109400	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	175238	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

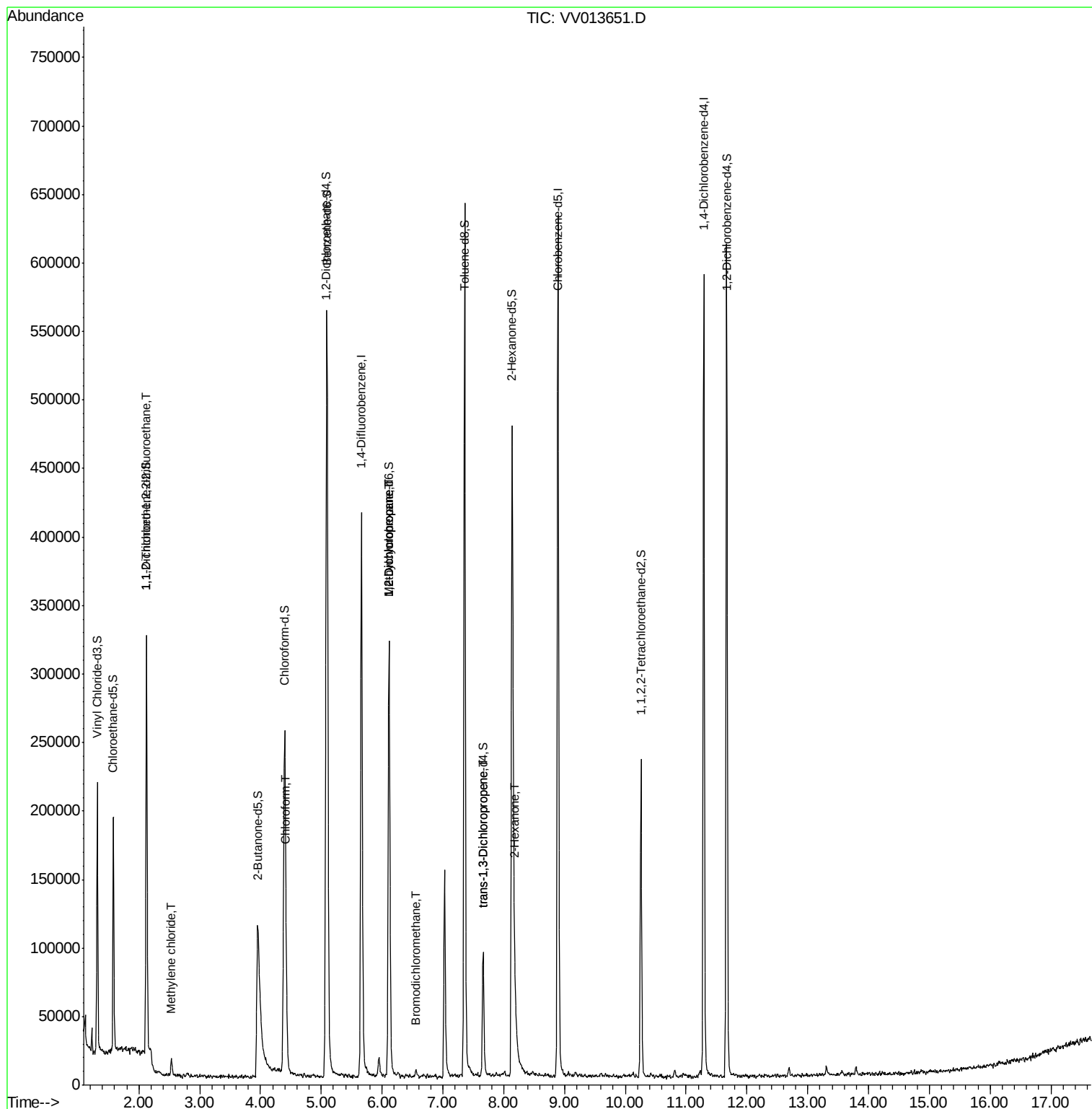
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2001	0.090	ug/L #	20
16) Methylene chloride	2.54	84	5155	0.171	ug/L	95
25) Chloroform	4.43	83	30578	0.473	ug/L	99
35) Methylcyclohexane	6.12	83	40274	0.916	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	16516	0.640	ug/L #	87
38) Bromodichloromethane	6.55	83	3103	0.086	ug/L #	90
44) trans-1,3-Dichloropropene	7.67	75	2646	0.091	ug/L #	79
48) 2-Hexanone	8.18	43	12339	1.159	ug/L #	39

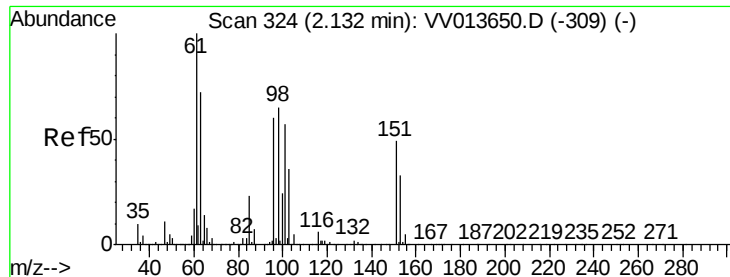
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration





#10

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

Concen: 0.090 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Acq: 18 Nov 2019 11:42

Instrument :

MSVOA_V

ClientSampleId :

VBLK56

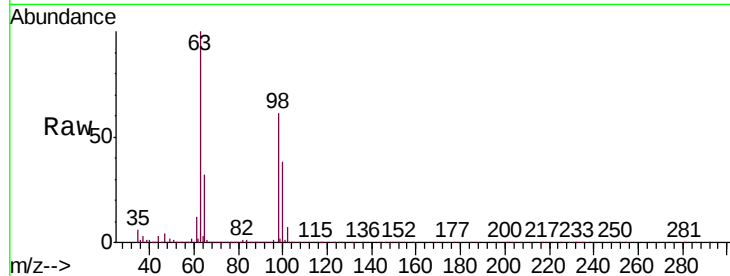
Tgt Ion: 101 Resp: 2001

Ion Ratio Lower Upper

101 100

85 3.4 32.0 48.0#

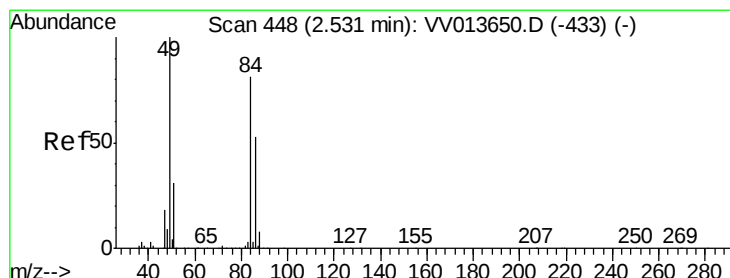
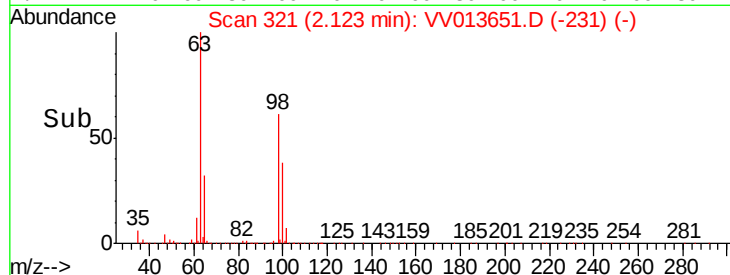
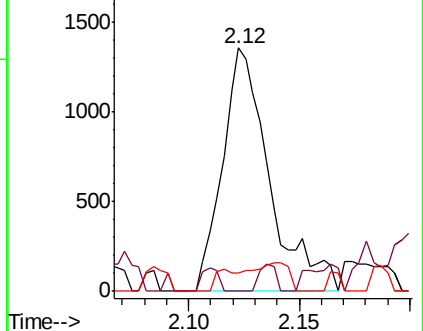
151 4.2 69.0 103.6#



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: 0.171 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV013651.D

Acq: 18 Nov 2019 11:42

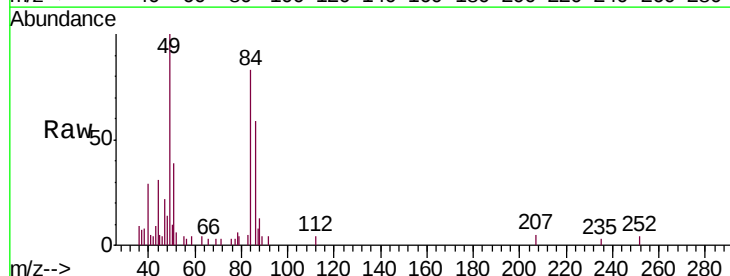
Tgt Ion: 84 Resp: 5155

Ion Ratio Lower Upper

84 100

86 71.7 44.1 81.9

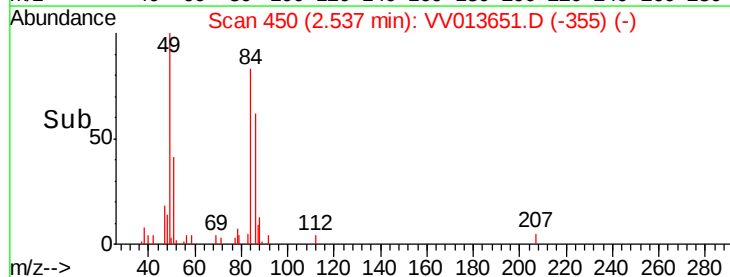
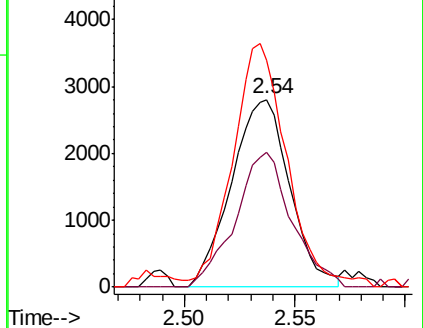
49 121.0 83.4 155.0

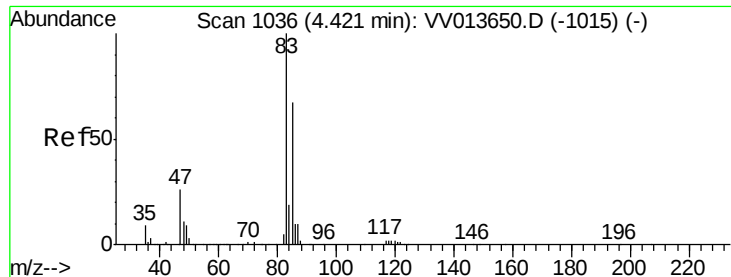


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#25

Chloroform

Concen: 0.473 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

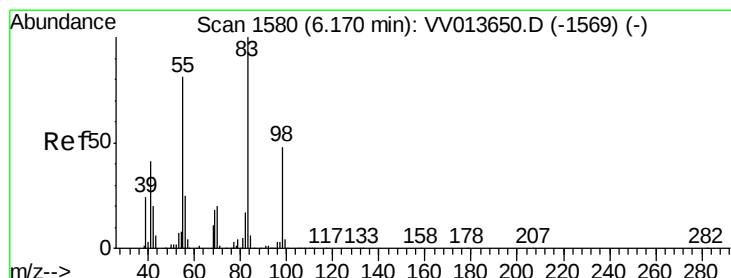
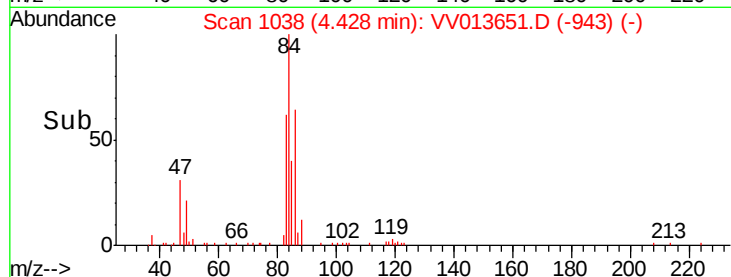
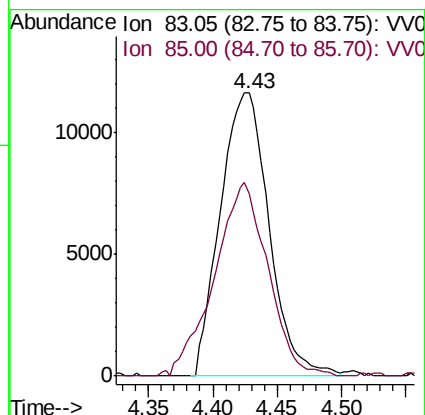
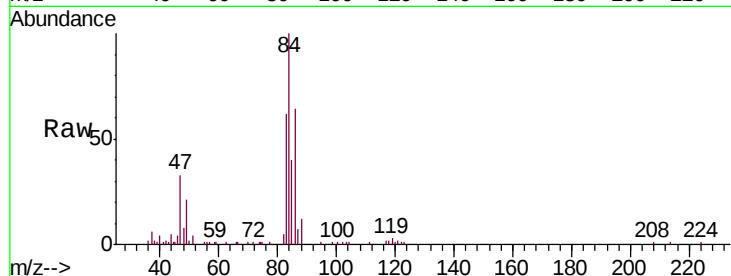
VBLK56

Tgt Ion: 83 Resp: 30578

Ion Ratio Lower Upper

83 100

85 64.4 44.4 82.5



#35

Methylcyclohexane

Concen: 0.916 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV013651.D

Acq: 18 Nov 2019 11:42

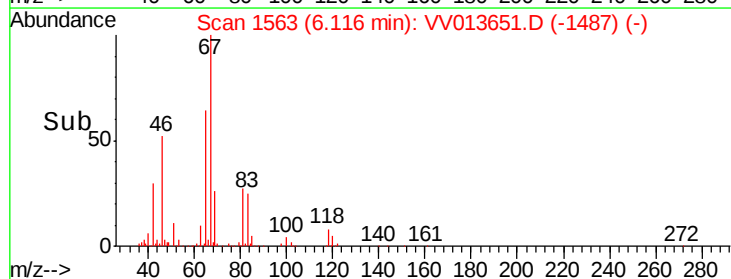
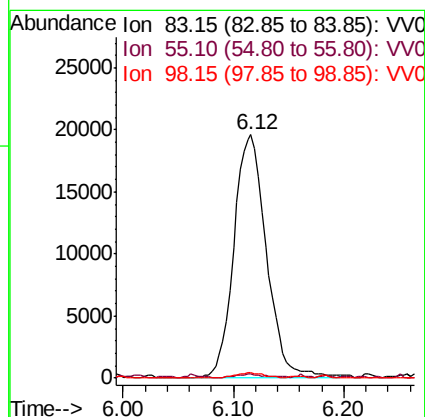
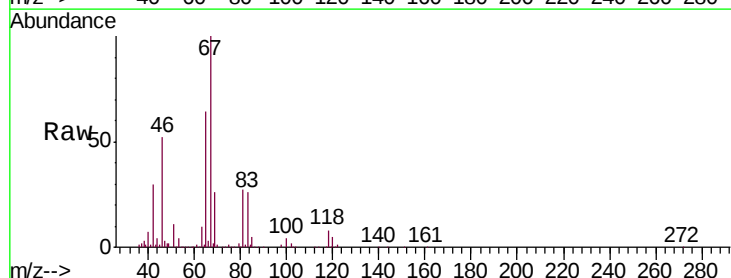
Tgt Ion: 83 Resp: 40274

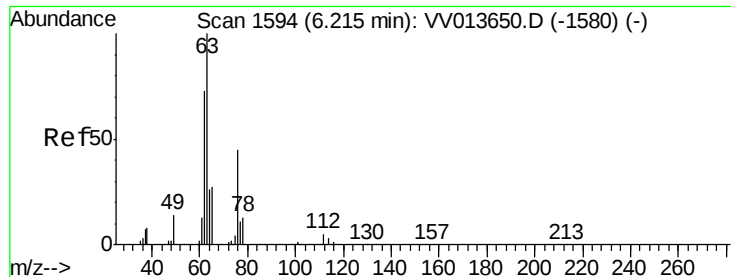
Ion Ratio Lower Upper

83 100

55 1.2 64.1 96.1#

98 1.9 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.640 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013651.D

Acq: 18 Nov 2019 11:42

Instrument :

MSVOA_V

ClientSampleId :

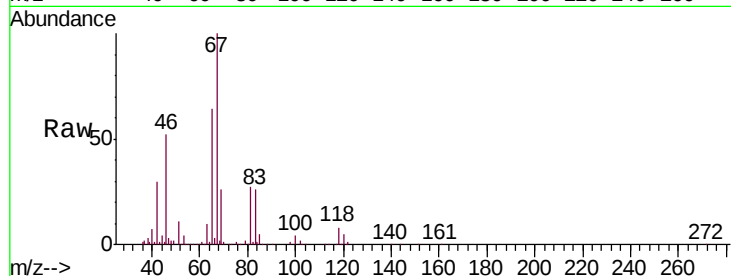
VBLK56

Tgt Ion: 63 Resp: 16516

Ion Ratio Lower Upper

63 100

112 0.9 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV013651.D (-1501) (-)

Ion 112.10 (111.80 to 112.80): VV013651.D (-1501) (-)

6.12

8000

6000

4000

2000

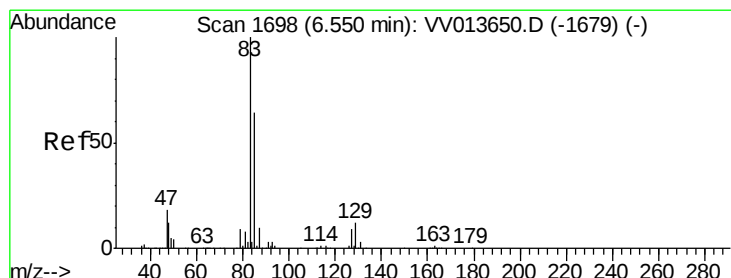
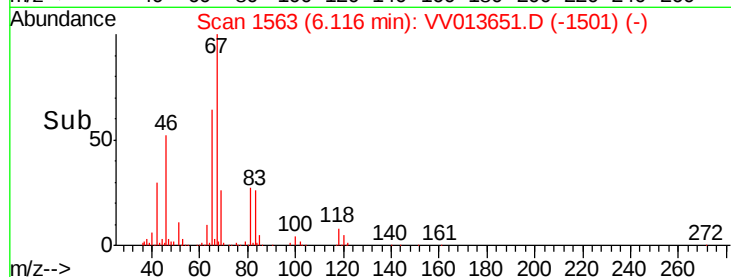
0

6.00

6.10

6.20

Time-->



#38

Bromodichloromethane

Concen: 0.086 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV013651.D

Acq: 18 Nov 2019 11:42

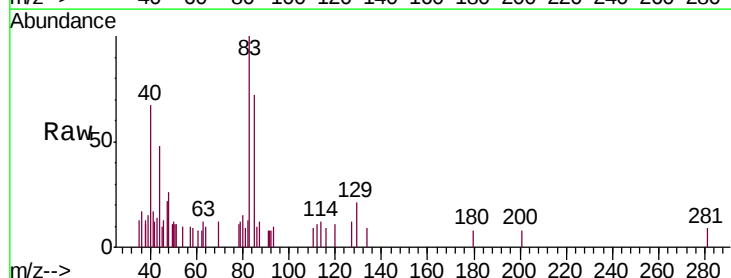
Tgt Ion: 83 Resp: 3103

Ion Ratio Lower Upper

83 100

85 72.2 44.9 83.5

127 12.0 7.0 10.6#



Abundance Ion 82.95 (82.65 to 83.65): VV013651.D (-1605) (-)

Ion 85.00 (84.70 to 85.70): VV013651.D (-1605) (-)

Ion 126.90 (126.60 to 127.60): VV013651.D (-1605) (-)

6.55

1500

1000

500

0

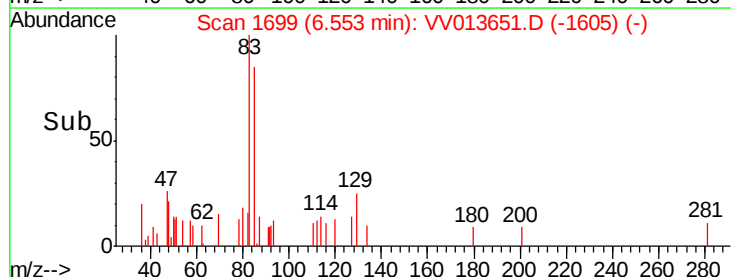
6.50

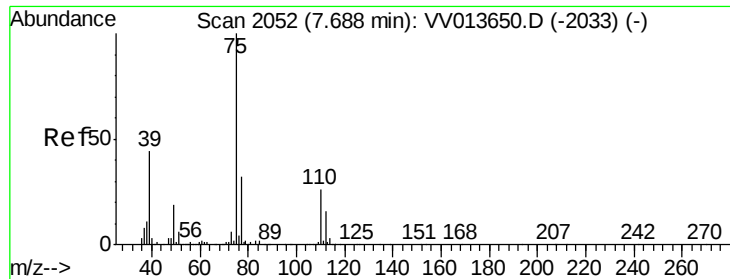
6.55

6.60

6.65

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.02 min

Lab File: VV013651.D

Acq: 18 Nov 2019 11:42

Instrument :

MSVOA_V

ClientSampled :

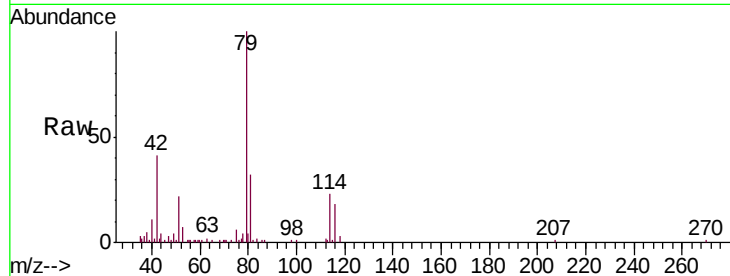
VBLK56

Tgt Ion: 75 Resp: 2646

Ion Ratio Lower Upper

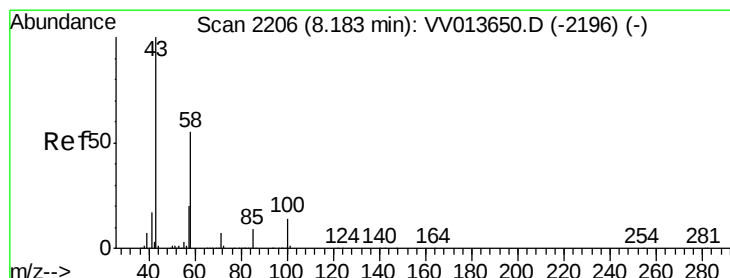
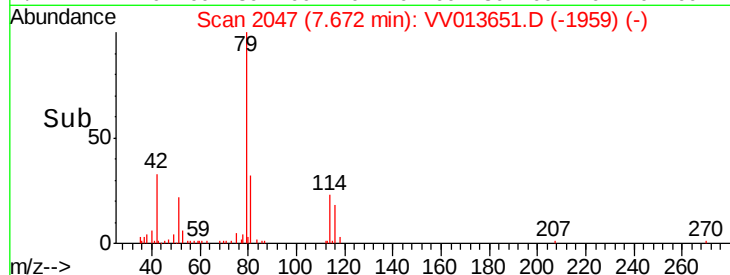
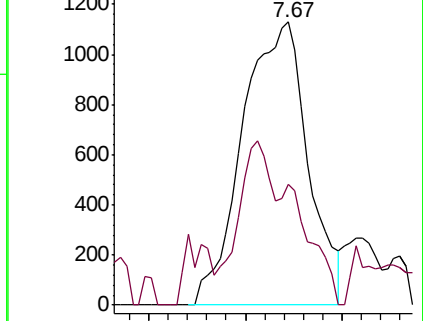
75 100

77 42.6 21.6 40.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 1.159 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VV013651.D

Acq: 18 Nov 2019 11:42

Tgt Ion: 43 Resp: 12339

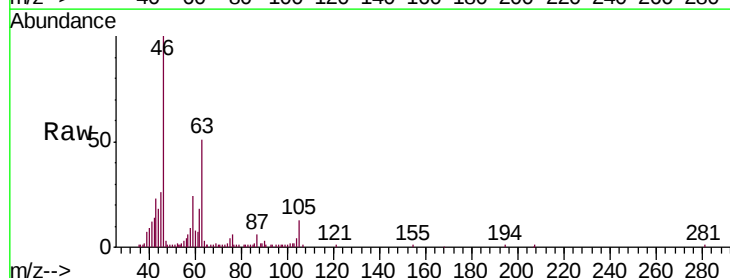
Ion Ratio Lower Upper

43 100

58 0.0 43.0 64.6#

57 0.0 15.4 23.2#

100 2.0 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

