

Data File : VV013605.D
Acq On : 13 Nov 2019 15:37
Operator : SY/MD
Sample : K5797-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Nov 14 06:13:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 14 06:01:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.70	114	344772	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.91	117	319714	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	125572	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.35	65	112689	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.61	69	90913	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.16	63	147128	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.04	46	241778	60.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.92%
24) Chloroform-d	4.43	84	191678	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.11	65	94688	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.11	84	381000	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.18	67	140603	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.40	98	338268	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.70	79	47081	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.16	63	202767	51.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95067	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	129896	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

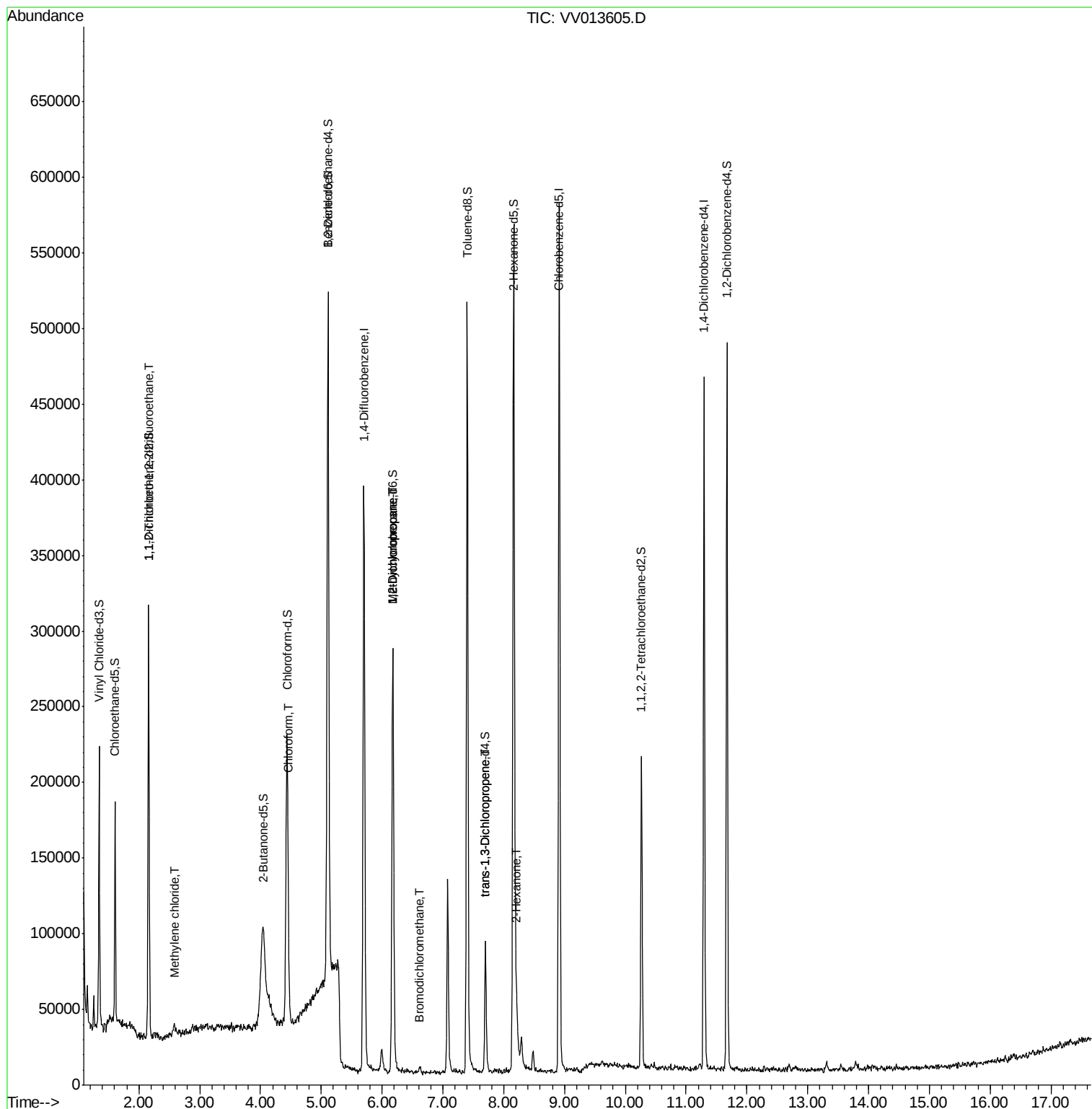
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.16	101	2121	0.098	ug/L #	34
16) Methylene chloride	2.59	84	3697	0.170	ug/L	91
25) Chloroform	4.46	83	19557	0.407	ug/L	94
35) Methylcyclohexane	6.18	83	36427	0.956	ug/L #	16
37) 1,2-Dichloropropane	6.18	63	15486	0.642	ug/L #	99
38) Bromodichloromethane	6.62	83	2356	0.071	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	1817	0.071	ug/L #	73
48) 2-Hexanone	8.21	43	12291	1.295	ug/L #	82

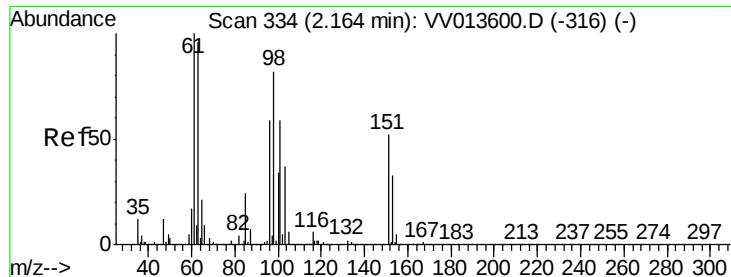
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.098 ug/L

RT: 2.16 min Scan# 333

Delta R.T. -0.00 min

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ClientSampleId :

VHBLK01

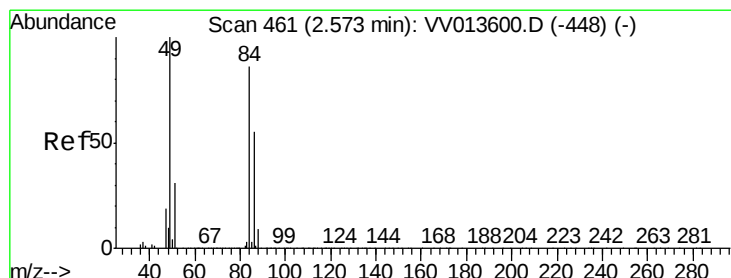
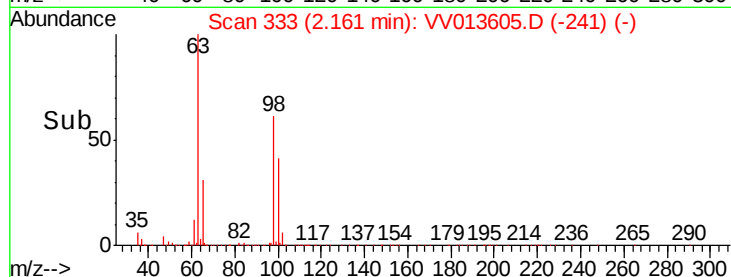
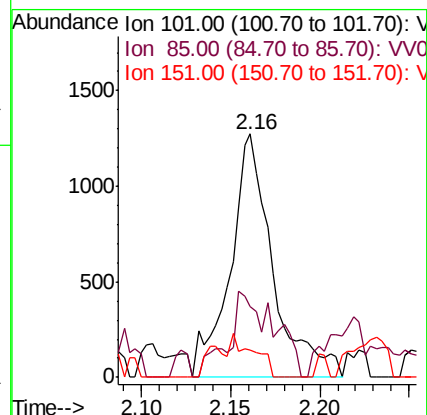
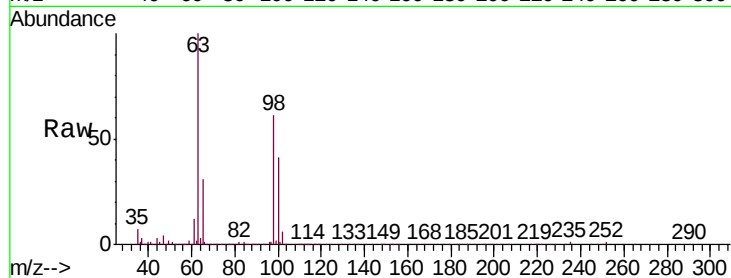
Tgt Ion: 101 Resp: 2121

Ion Ratio Lower Upper

101 100

85 24.3 33.1 49.7#

151 9.4 69.5 104.3#



#16

Methylene chloride

Concen: 0.170 ug/L

RT: 2.59 min Scan# 465

Delta R.T. 0.01 min

Lab File: VV013605.D

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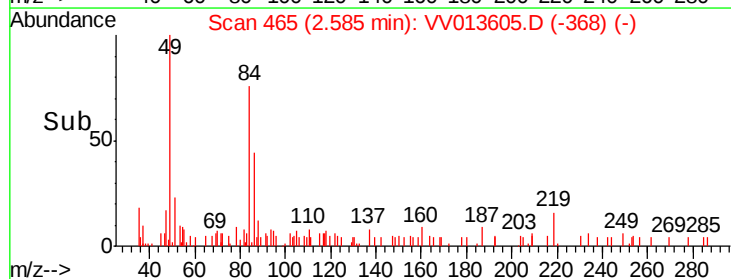
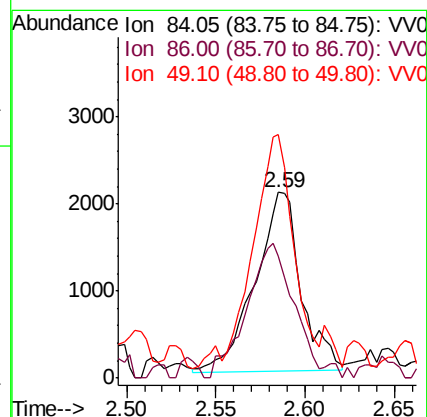
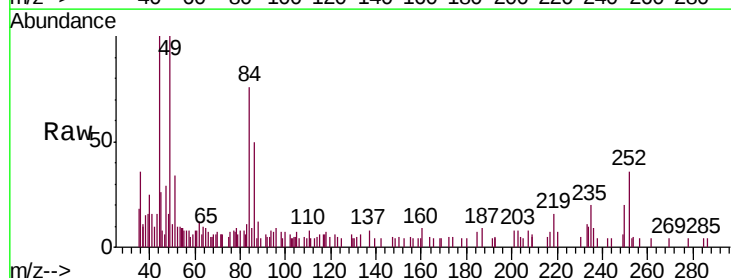
Tgt Ion: 84 Resp: 3697

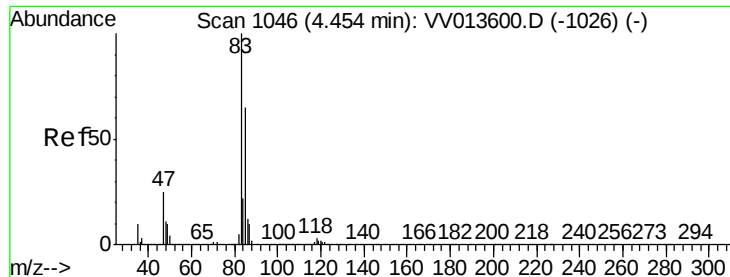
Ion Ratio Lower Upper

84 100

86 65.5 45.1 83.9

49 131.0 81.4 151.2





#25

Chloroform

Concen: 0.407 ug/L

RT: 4.46 min Scan# 1048

Delta R.T. 0.01 min

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MSVOA_V

ClientSampleId :

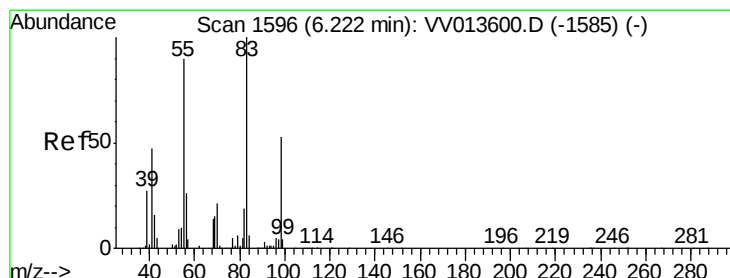
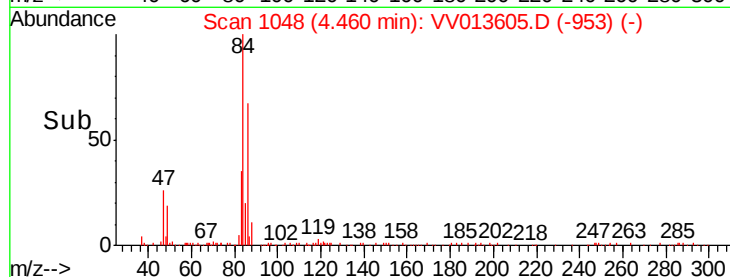
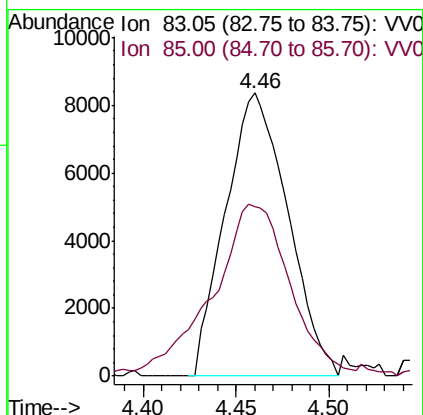
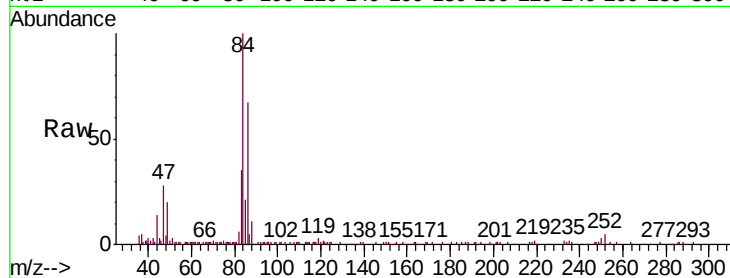
VHBLK01

Tgt Ion: 83 Resp: 19557

Ion Ratio Lower Upper

83 100

85 60.0 45.5 84.5



#35

Methylcyclohexane

Concen: 0.956 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.05 min

Lab File: VV013605.D

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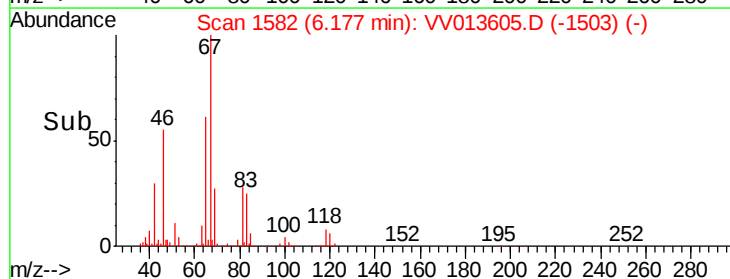
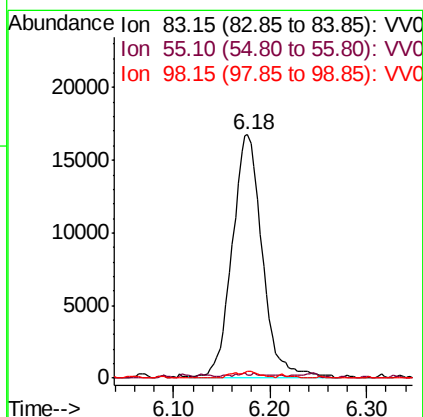
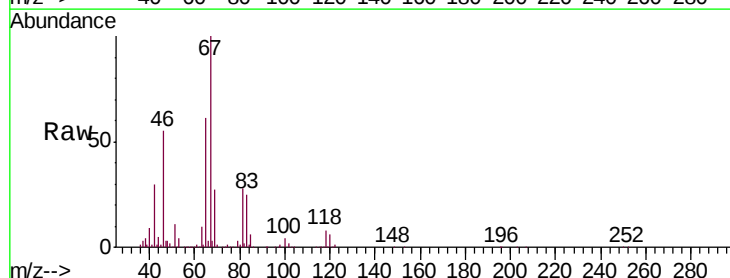
Tgt Ion: 83 Resp: 36427

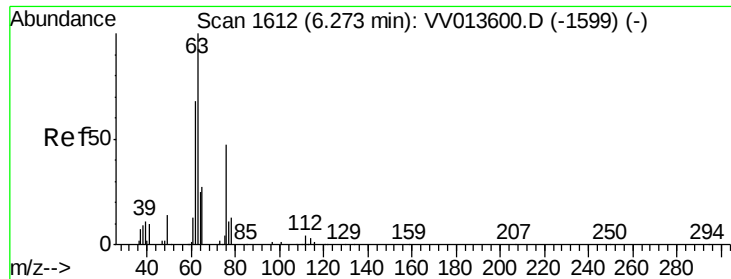
Ion Ratio Lower Upper

83 100

55 0.2 67.0 100.4#

98 1.4 38.5 57.7#

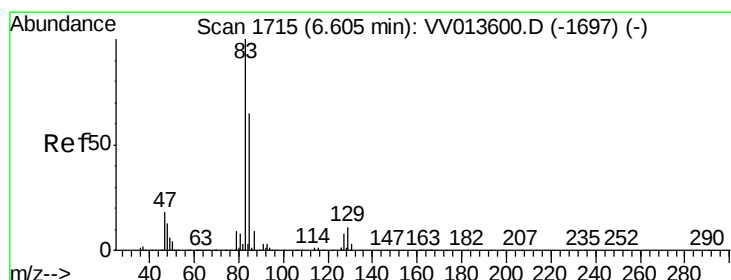
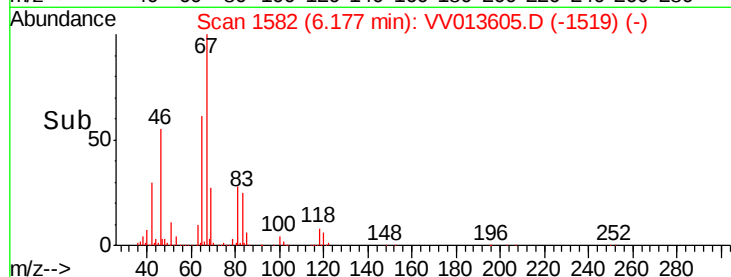
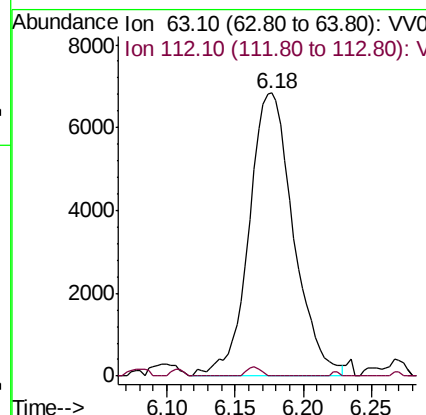
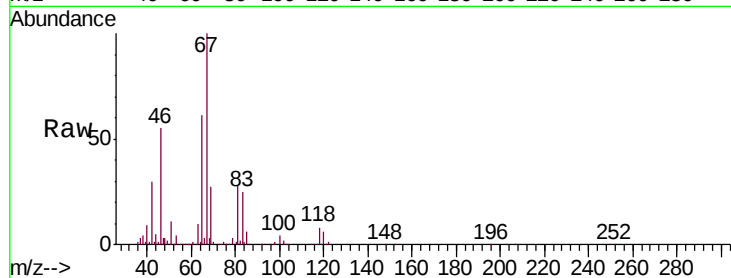




#37
 1,2-Dichloropropane
 Concen: 0.642 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. -0.10 min
 Lab File: VV013605.D
 Acq: 13 Nov 2019 15:37

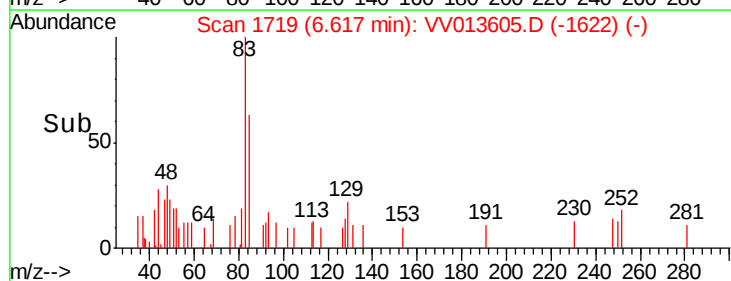
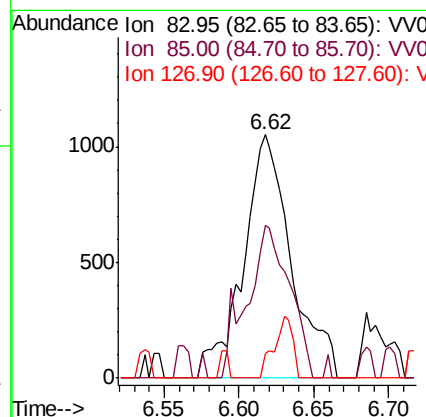
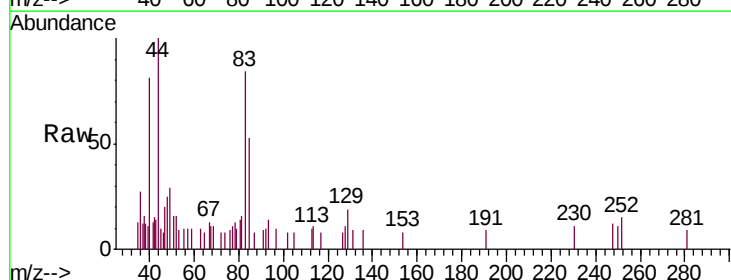
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

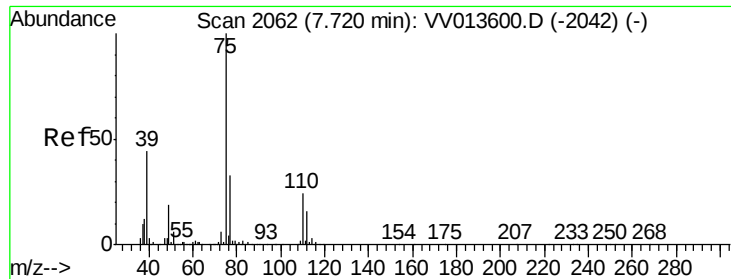
Tgt Ion: 63 Resp: 15486
 Ion Ratio Lower Upper
 63 100
 112 1.0 0.2 0.2#



#38
 Bromodichloromethane
 Concen: 0.071 ug/L
 RT: 6.62 min Scan# 1719
 Delta R.T. 0.01 min
 Lab File: VV013605.D
 Acq: 13 Nov 2019 15:37

Tgt Ion: 83 Resp: 2356
 Ion Ratio Lower Upper
 83 100
 85 62.7 45.5 84.5
 127 10.1 6.8 10.2





#44

trans-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 7.70 min Scan# 2055

Delta R.T. -0.02 min

Lab File: VV013605.D

Acq: 13 Nov 2019 15:37

Instrument :

MSVOA_V

ClientSampled :

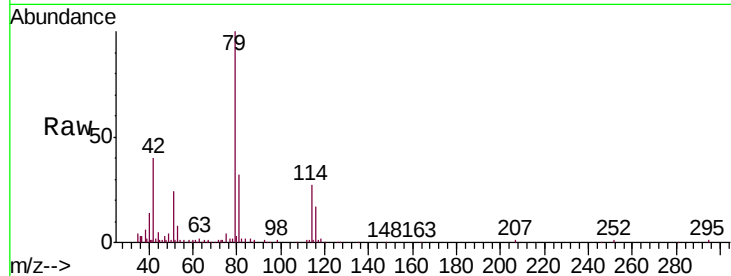
VHBLK01

Tgt Ion: 75 Resp: 1817

Ion Ratio Lower Upper

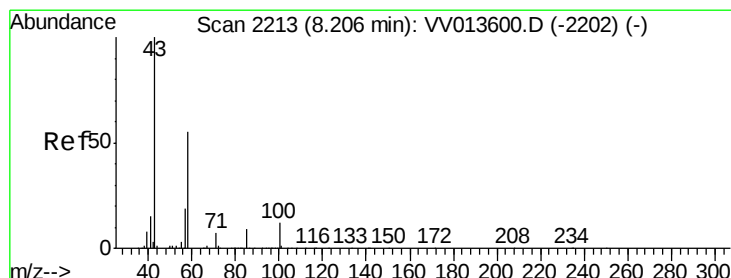
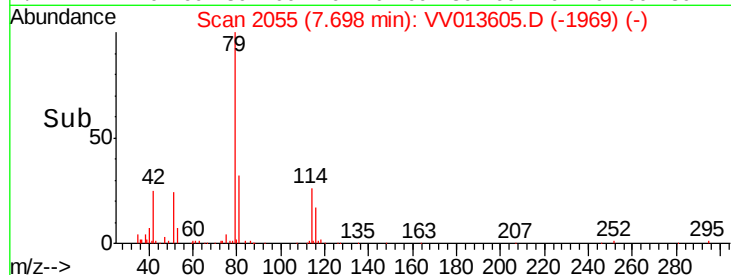
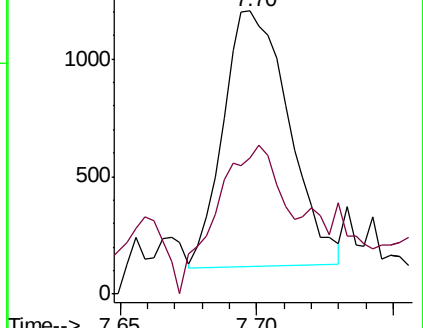
75 100

77 48.1 23.2 43.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 1.295 ug/L

RT: 8.21 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VV013605.D

Acq: 13 Nov 2019 15:37

Tgt Ion: 43 Resp: 12291

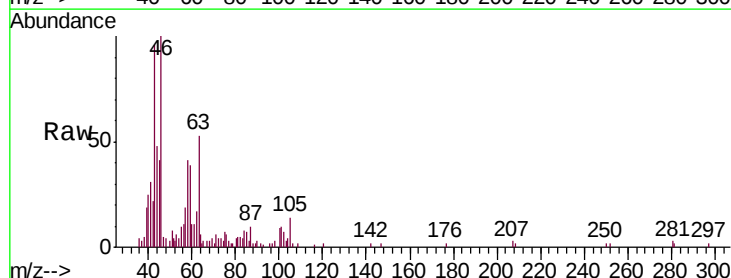
Ion Ratio Lower Upper

43 100

58 46.2 45.1 67.7

57 0.0 14.6 21.8#

100 13.4 10.2 15.2



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

