

Data File : VV013353.D
Acq On : 25 Oct 2019 18:08
Operator : SY/MD
Sample : VIBLK51
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK51

Quant Time: Oct 26 01:02:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	389504	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	433918	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	219892	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	184788	6.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	128.80%
7) Chloroethane-d5	1.58	69	146873	6.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.00%
11) 1,1-Dichloroethene-d2	2.13	63	225789	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	3.95	46	377761	68.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.00%#
24) Chloroform-d	4.40	84	350966	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.08	65	170388	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.10	84	761634	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.12	67	225762	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.36	98	657371	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	7.66	79	75327	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.14	63	234791	41.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	141010	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	256899	6.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.20%#

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2524	0.079	ug/L #	25
16) Methylene chloride	2.54	84	9647	0.210	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	3997	0.103	ug/L #	99
25) Chloroform	4.42	83	24357	0.318	ug/L	93
35) Methylcyclohexane	6.12	83	55737	0.815	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	22584	0.561	ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	3271	0.076	ug/L	96
48) 2-Hexanone	8.19	43	30755	2.094	ug/L #	77

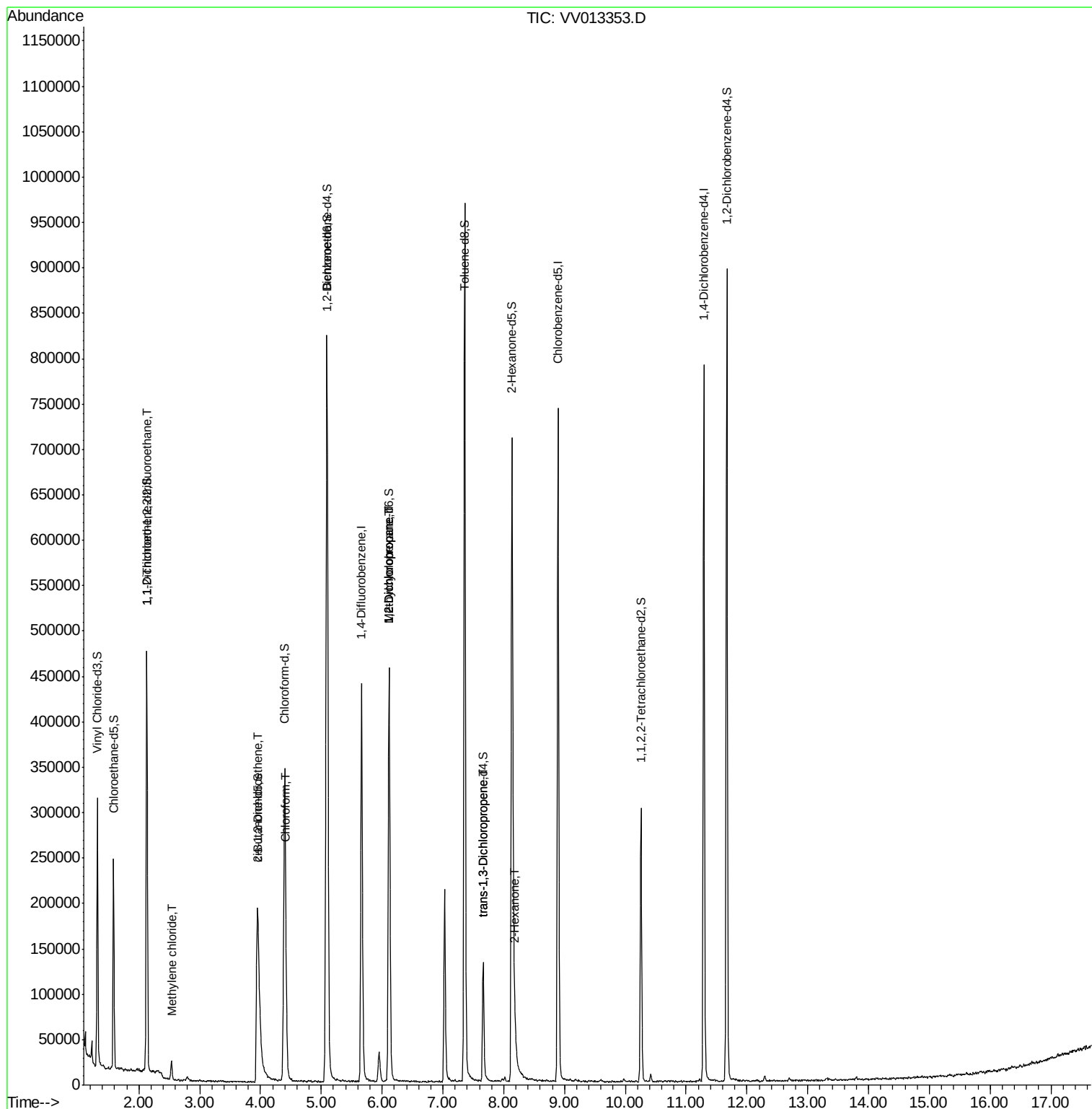
(#) = qualifier out of range (m) = manual integration (+) = signals summed

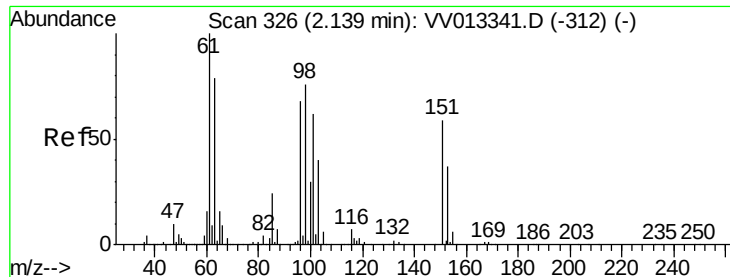
Data File : VV013353.D

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Response via : Initial Calibration





#10

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

Concen: 0.079 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV013353.D

Acq: 25 Oct 2019 18:08

Instrument :

MSVOA_V

ClientSampleId :

VIBLK51

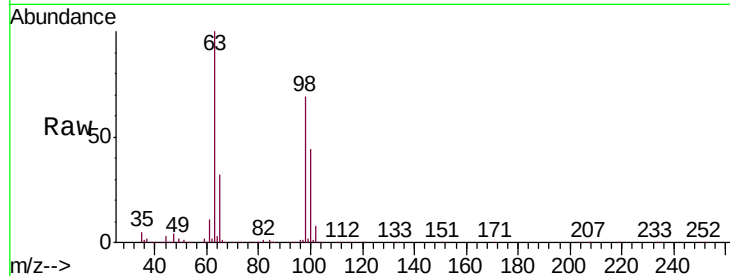
Tgt Ion:101 Resp: 2524

Ion Ratio Lower Upper

101 100

85 7.8 31.8 47.8#

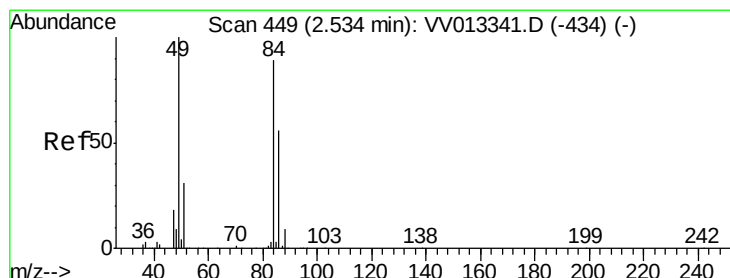
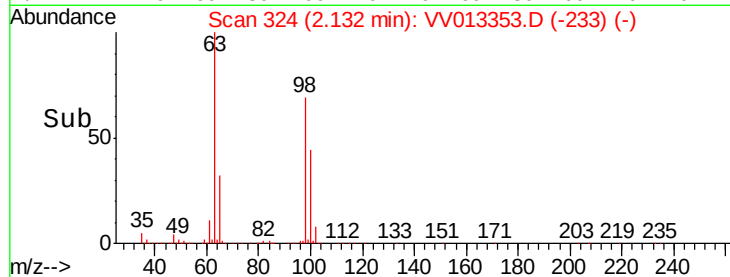
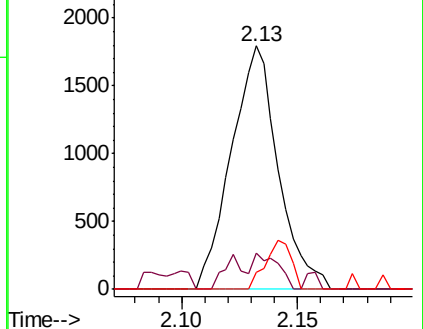
151 10.9 72.9 109.3#



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: 0.210 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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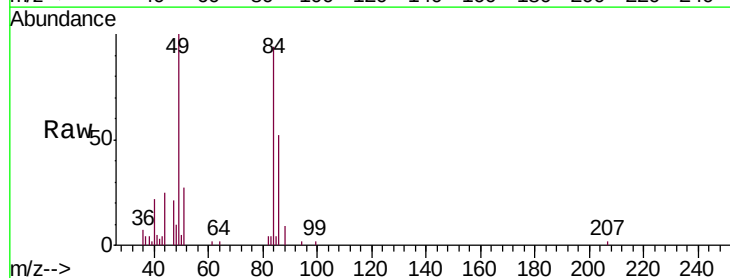
Tgt Ion: 84 Resp: 9647

Ion Ratio Lower Upper

84 100

86 55.2 46.2 85.8

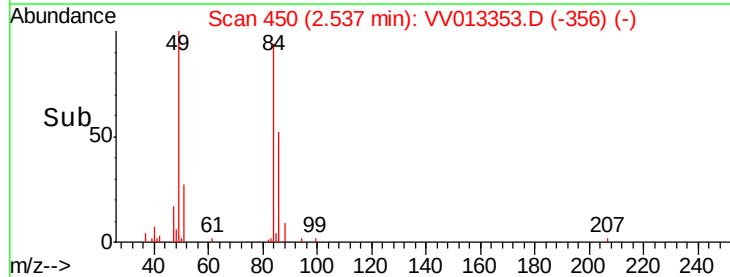
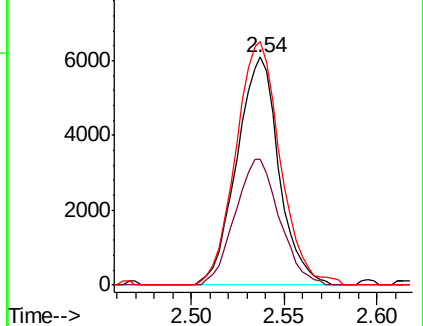
49 106.9 76.4 141.8

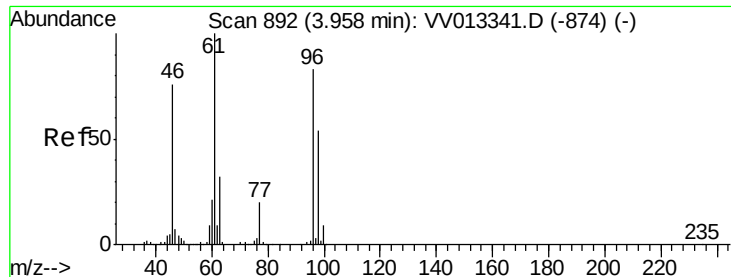


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

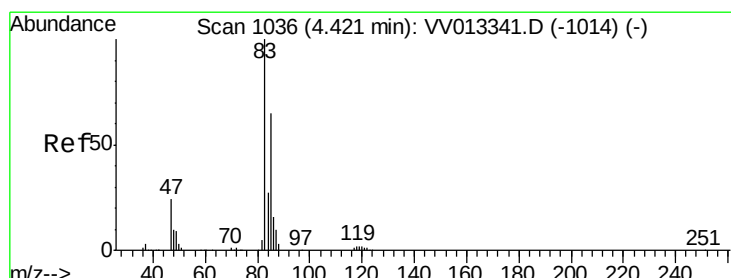
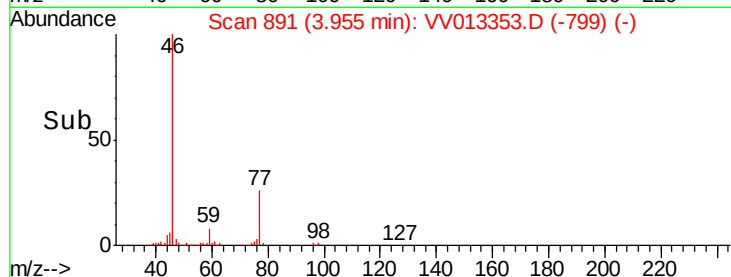
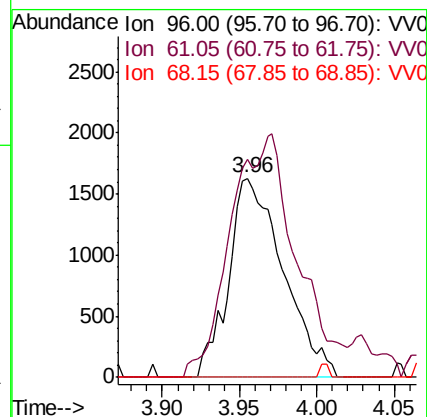
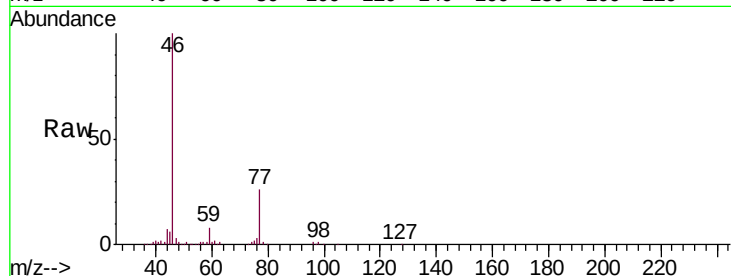




#22
 cis-1,2-Dichloroethene
 Concen: 0.103 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: VV013353.D
 Acq: 25 Oct 2019 18:08

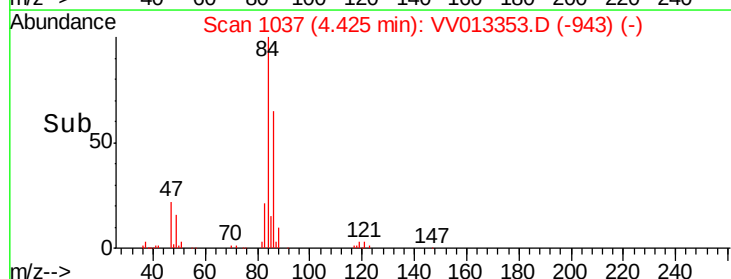
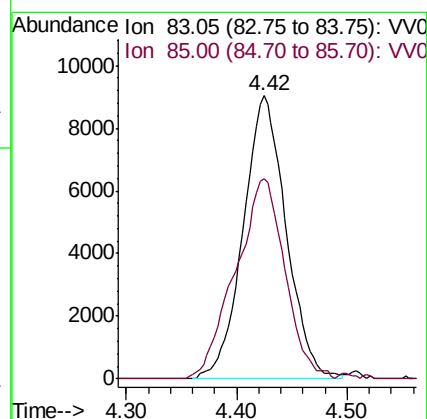
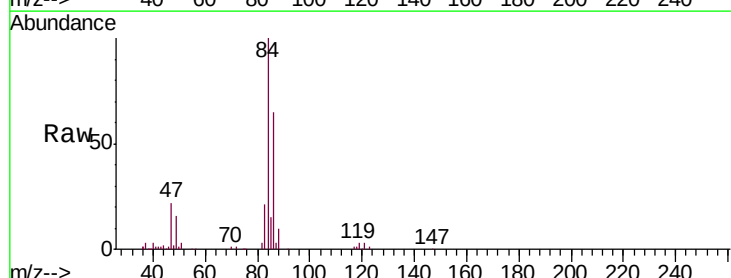
Instrument :
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 VIBLK51

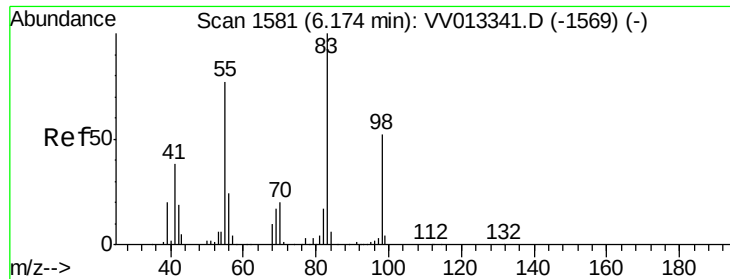
Tgt Ion: 96 Resp: 3997
 Ion Ratio Lower Upper
 96 100
 61 109.1 77.3 143.7
 68 0.0 0.1 0.1#



#25
 Chloroform
 Concen: 0.318 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VV013353.D
 Acq: 25 Oct 2019 18:08

Tgt Ion: 83 Resp: 24357
 Ion Ratio Lower Upper
 83 100
 85 70.8 45.7 84.9

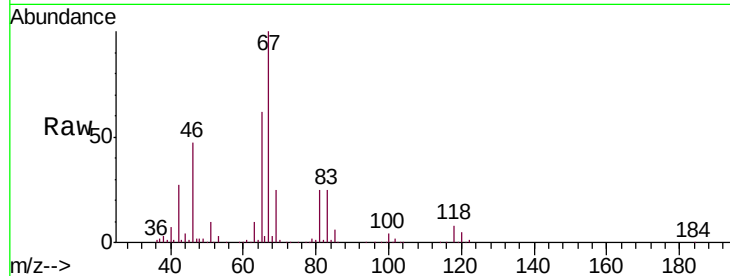




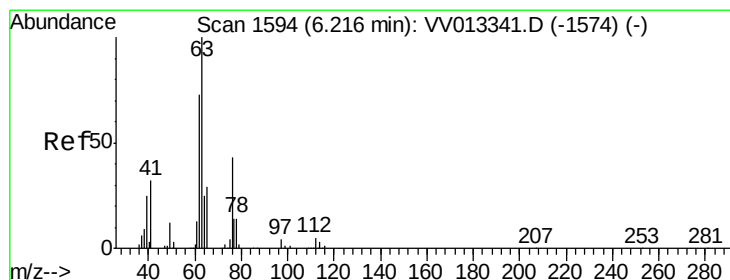
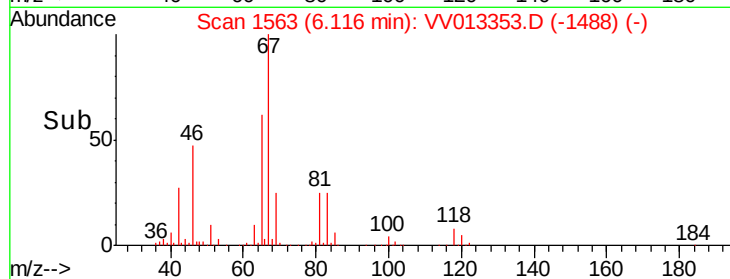
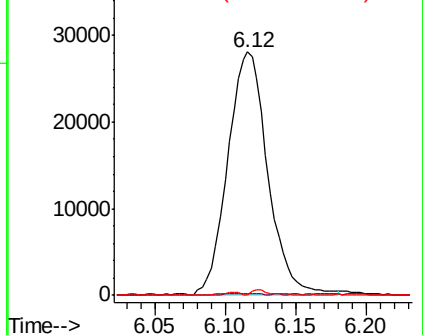
#35
Methylcyclohexane
Concen: 0.815 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013353.D
Acq: 25 Oct 2019 18:08

Instrument :
MSVOA_V
ClientSampleId :
VIBLK51

Tgt Ion: 83 Resp: 55737
Ion Ratio Lower Upper
83 100
55 0.7 62.4 93.6#
98 1.0 39.2 58.8#

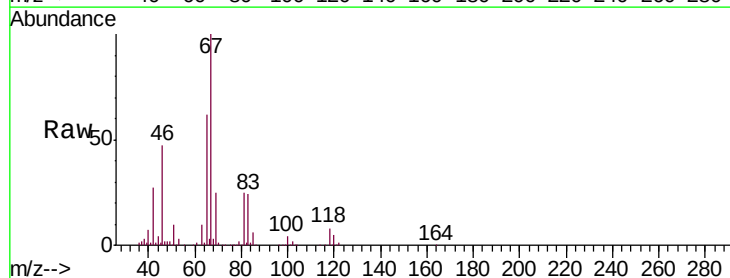


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

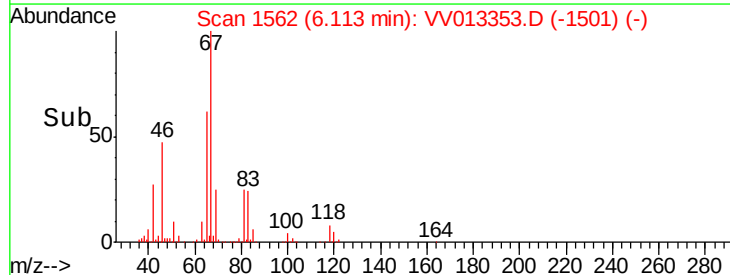
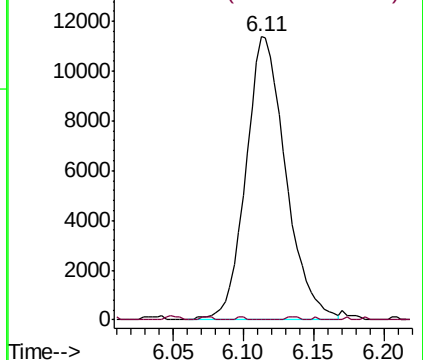


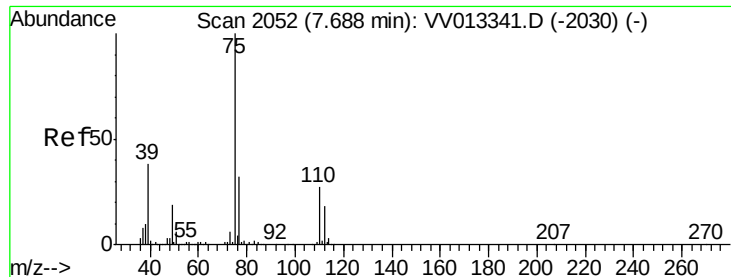
#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013353.D
Acq: 25 Oct 2019 18:08

Tgt Ion: 63 Resp: 22584
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





#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013353.D

Acq: 25 Oct 2019 18:08

Instrument :

MSVOA_V

ClientSampleId :

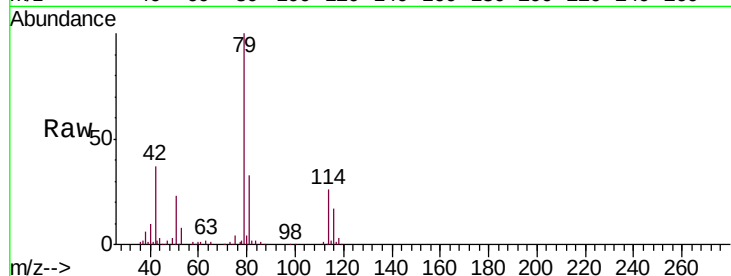
VIBLK51

Tgt Ion: 75 Resp: 3271

Ion Ratio Lower Upper

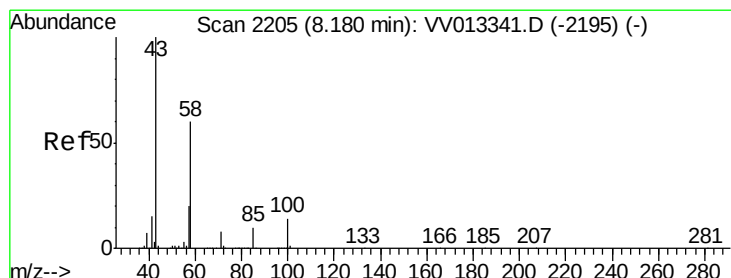
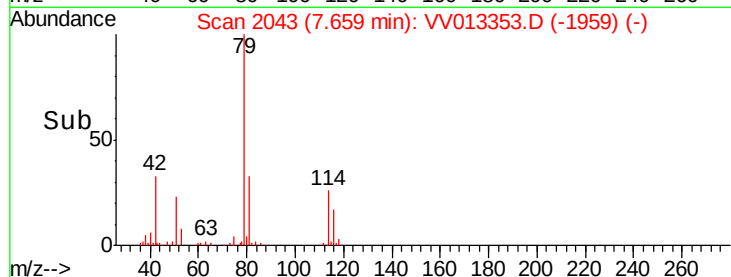
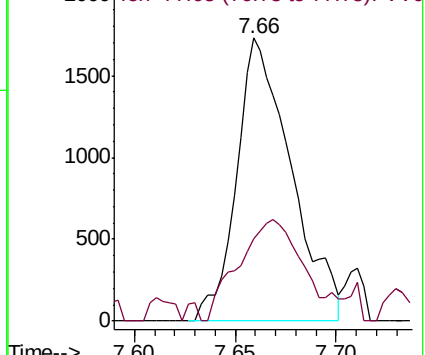
75 100

77 29.1 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.094 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.01 min

Lab File: VV013353.D

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Tgt Ion: 43 Resp: 30755

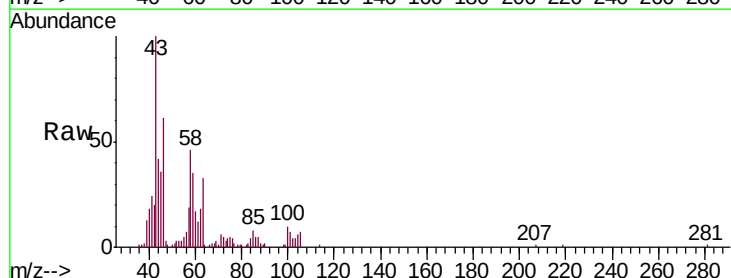
Ion Ratio Lower Upper

43 100

58 36.3 45.1 67.7#

57 16.0 15.5 23.3

100 2.9 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

