

Data File : VV013349.D
Acq On : 25 Oct 2019 16:32
Operator : SY/MD
Sample : VIBLK50
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK50

Quant Time: Oct 26 01:01:54 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	405055	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	442241	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	233405	5.00	ug/L	0.00

System Monitoring Compounds

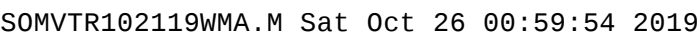
4) Vinyl Chloride-d3	1.32	65	189502	6.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.00%
7) Chloroethane-d5	1.58	69	146669	5.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.00%
11) 1,1-Dichloroethene-d2	2.13	63	226564	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	3.94	46	375054	65.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.80%#
24) Chloroform-d	4.40	84	354027	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.08	65	172621	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.10	84	767569	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.11	67	224376	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.36	98	652297	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.66	79	74599	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.13	63	224910	38.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	141005	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	256396	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

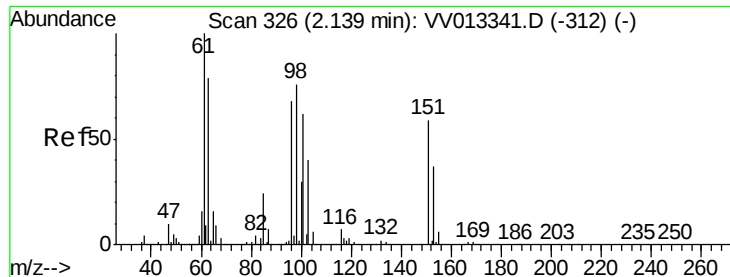
Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2692	0.081	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	4815	0.151	ug/L #	1
16) Methylene chloride	2.53	84	9569	0.200	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	3804	0.095	ug/L #	93
25) Chloroform	4.43	83	25323	0.318	ug/L	98
27) 1,2-Dichloroethane	5.10	62	3965	0.093	ug/L	95
34) Trichloroethene	5.96	95	6480	0.143	ug/L	93
35) Methylcyclohexane	6.12	83	56101	0.805	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	24225	0.591	ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	3440	0.079	ug/L #	69
47) Tetrachloroethene	8.02	164	5415	0.132	ug/L	78
48) 2-Hexanone	8.18	43	29253	1.954	ug/L #	80
49) Dibromochloromethane	8.02	129	4204	0.117	ug/L #	11

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

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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





#10

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

Concen: 0.081 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013349.D

Acq: 25 Oct 2019 16:32

Instrument :

MSVOA_V

ClientSampleId :

VIBLK50

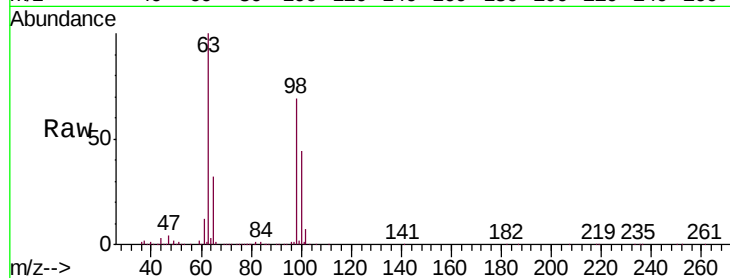
Tgt Ion: 101 Resp: 2692

Ion Ratio Lower Upper

101 100

85 6.5 31.8 47.8#

151 4.7 72.9 109.3#

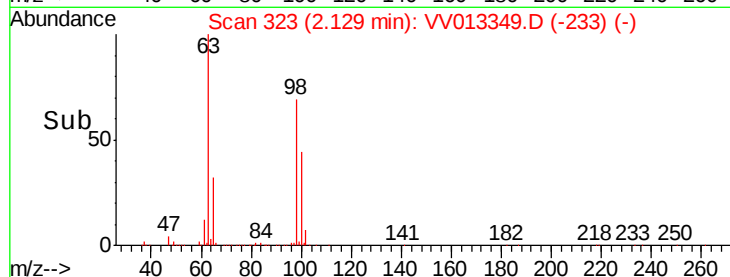


Abundance Ion 101.00 (100.70 to 101.70): VV013341.D (-312) (-)

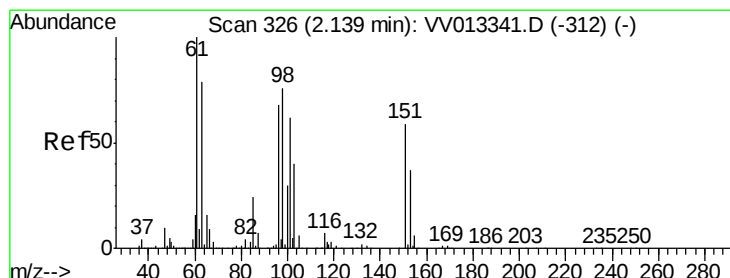
Ion 85.00 (84.70 to 85.70): VV013341.D (-312) (-)

Ion 151.00 (150.70 to 151.70): VV013341.D (-312) (-)

Time-->



Time-->



#12

1,1-Dichloroethene

Concen: 0.151 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV013349.D

Acq: 25 Oct 2019 16:32

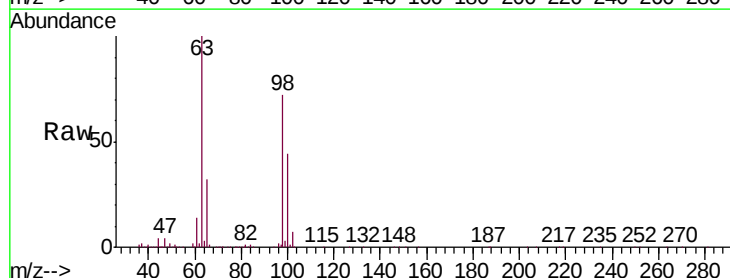
Tgt Ion: 96 Resp: 4815

Ion Ratio Lower Upper

96 100

61 589.7 104.0 193.1#

63 4246.2 67.1 124.5#

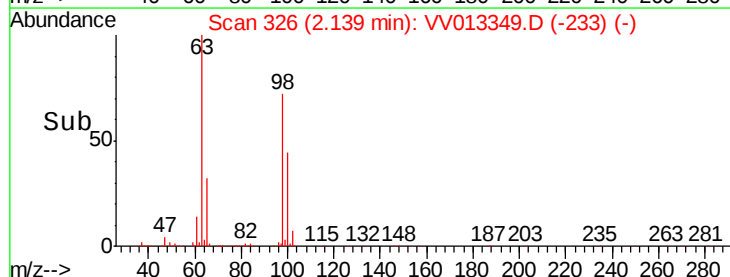


Abundance Ion 96.00 (95.70 to 96.70): VV013341.D (-312) (-)

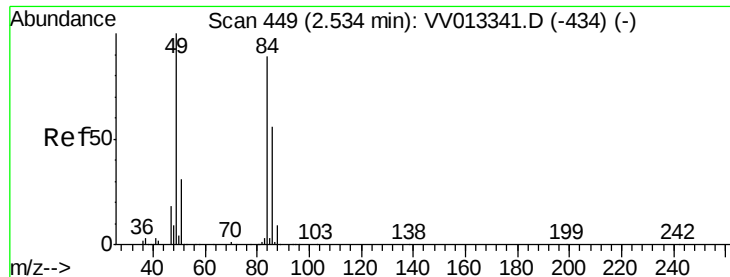
Ion 61.05 (60.75 to 61.75): VV013341.D (-312) (-)

Ion 63.00 (62.70 to 63.70): VV013341.D (-312) (-)

Time-->



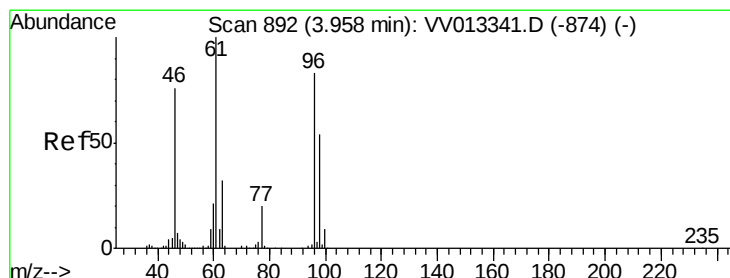
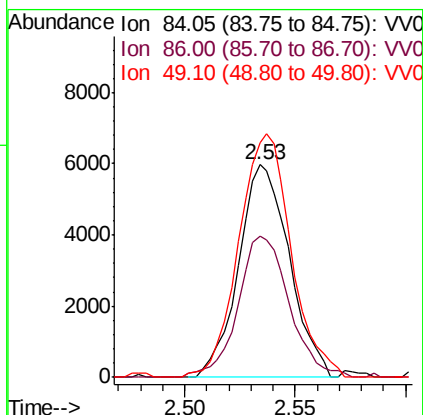
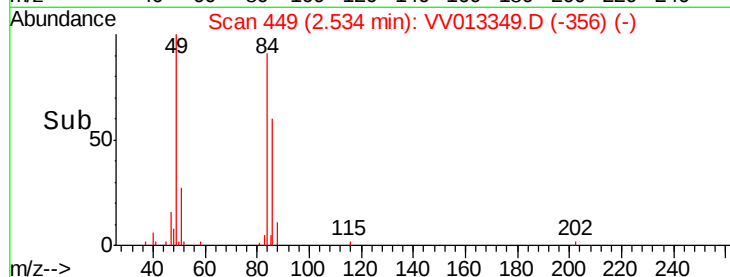
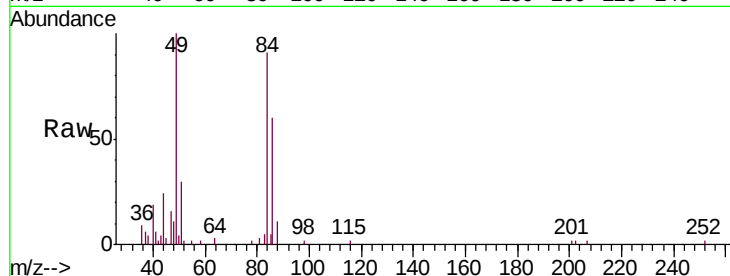
Time-->



#16
Methylene chloride
Concen: 0.200 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV013349.D
Acq: 25 Oct 2019 16:32

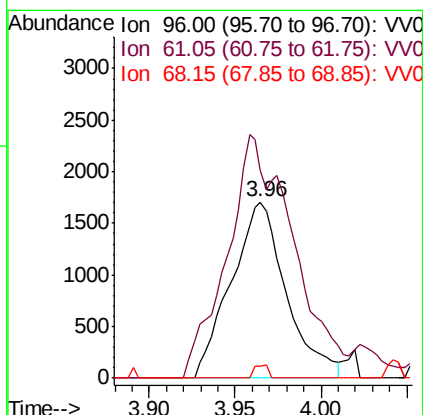
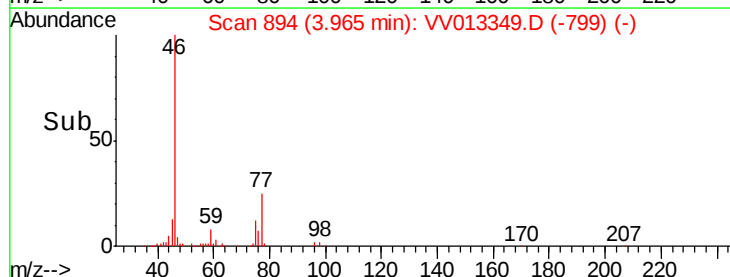
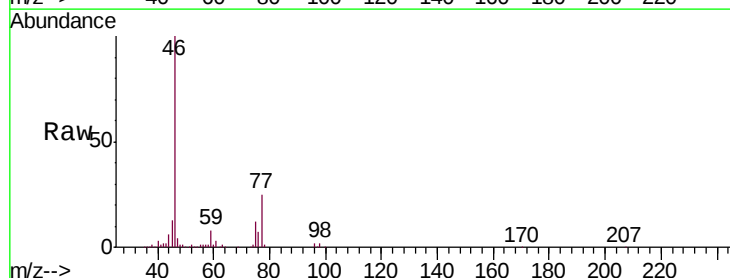
Instrument :
MSVOA_V
ClientSampleId :
VIBLK50

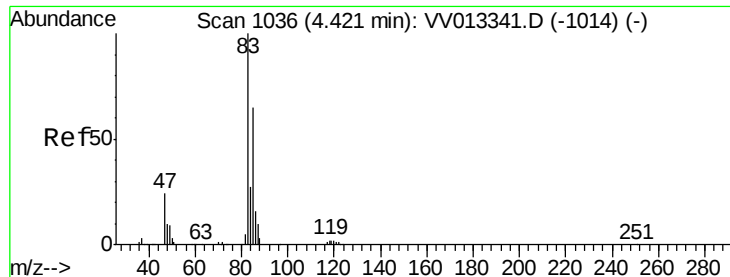
Tgt Ion: 84 Resp: 9569
Ion Ratio Lower Upper
84 100
86 66.6 46.2 85.8
49 110.2 76.4 141.8



#22
cis-1,2-Dichloroethene
Concen: 0.095 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV013349.D
Acq: 25 Oct 2019 16:32

Tgt Ion: 96 Resp: 3804
Ion Ratio Lower Upper
96 100
61 117.6 77.3 143.7
68 7.1 0.1 0.1#

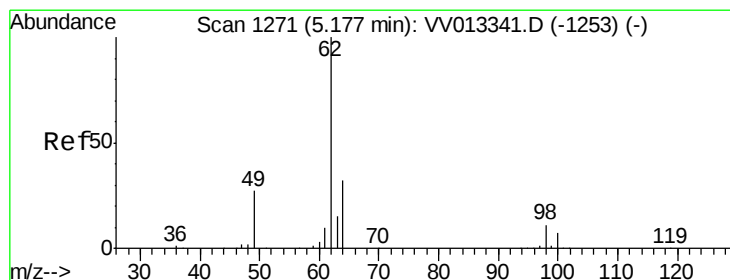
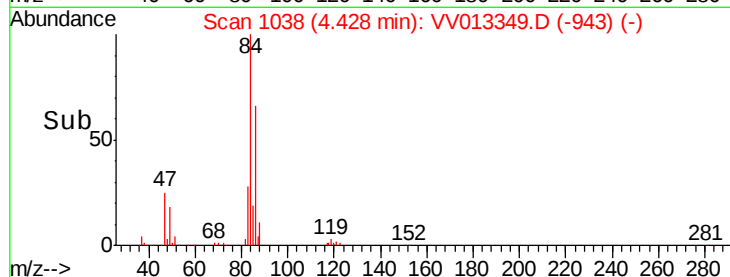
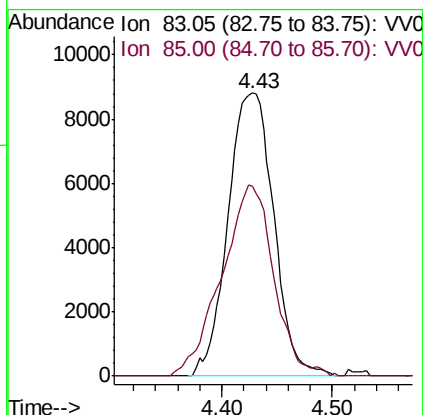
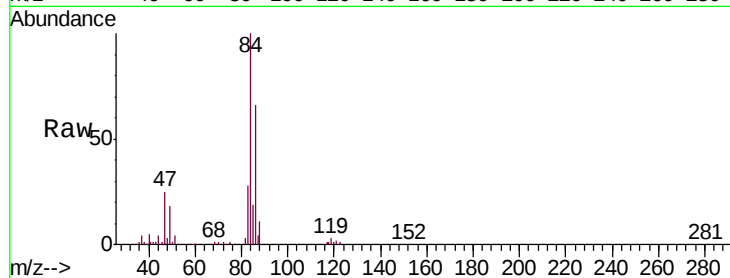




#25
Chloroform
Concen: 0.318 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV013349.D
Acq: 25 Oct 2019 16:32

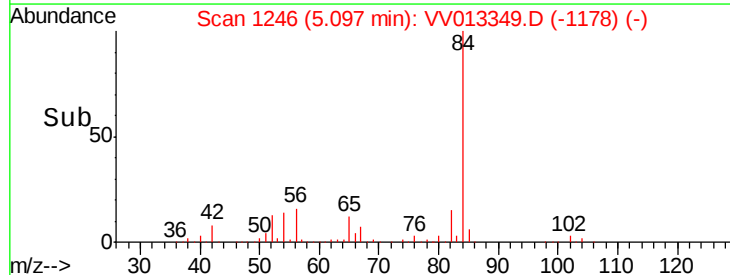
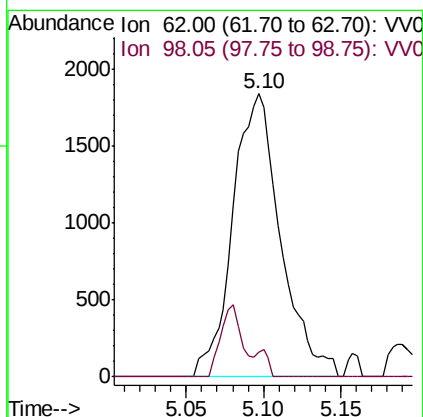
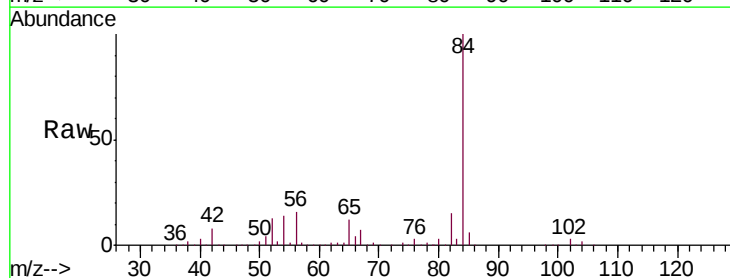
Instrument :
MSVOA_V
ClientSampleId :
VIBLK50

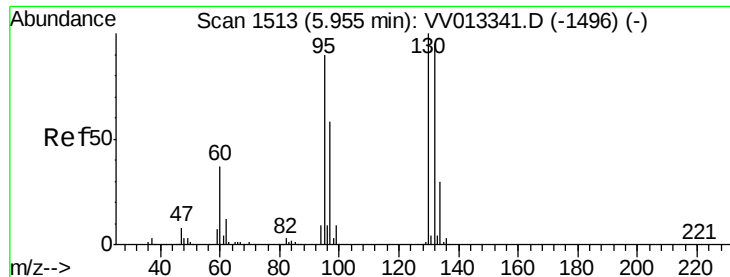
Tgt Ion: 83 Resp: 25323
Ion Ratio Lower Upper
83 100
85 66.9 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.093 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV013349.D
Acq: 25 Oct 2019 16:32

Tgt Ion: 62 Resp: 3965
Ion Ratio Lower Upper
62 100
98 8.6 8.3 12.5

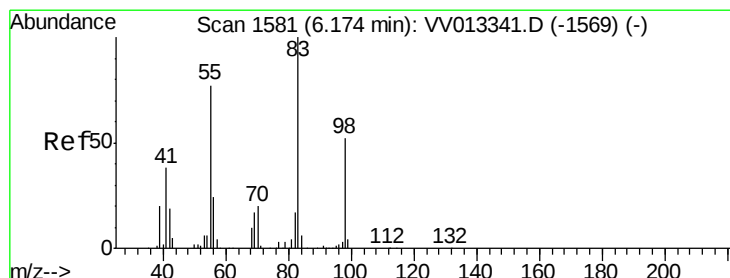
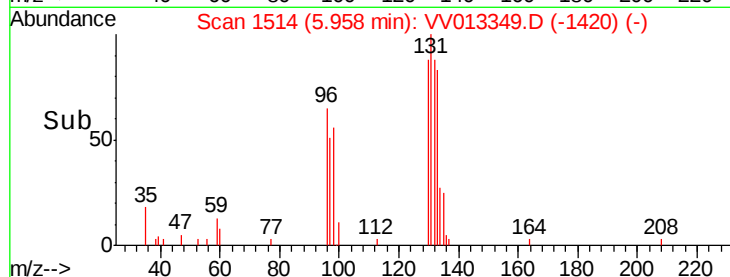
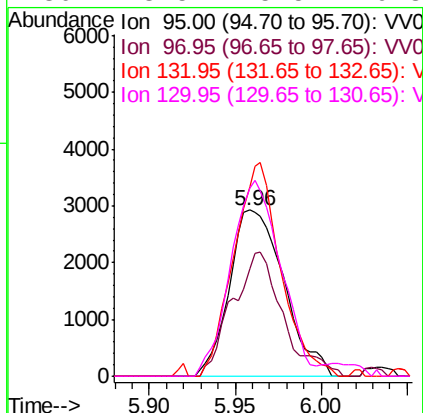
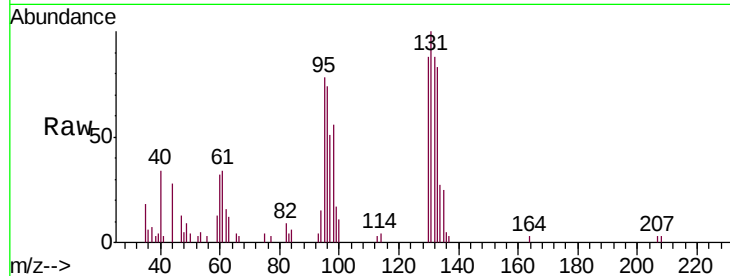




#34
 Trichloroethene
 Concen: 0.143 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV013349.D
 Acq: 25 Oct 2019 16:32

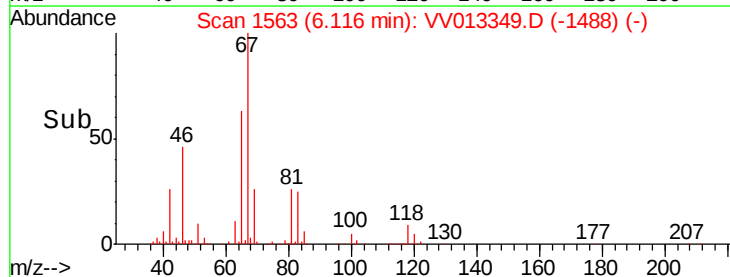
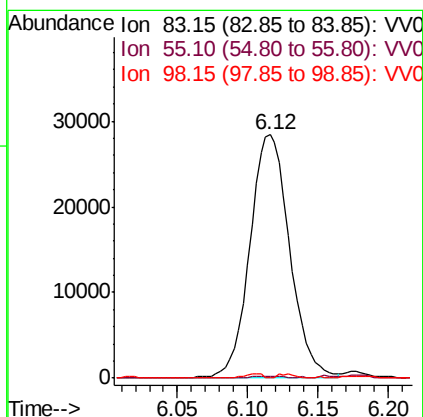
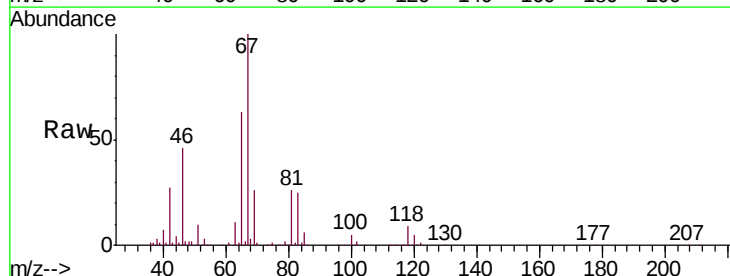
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK50

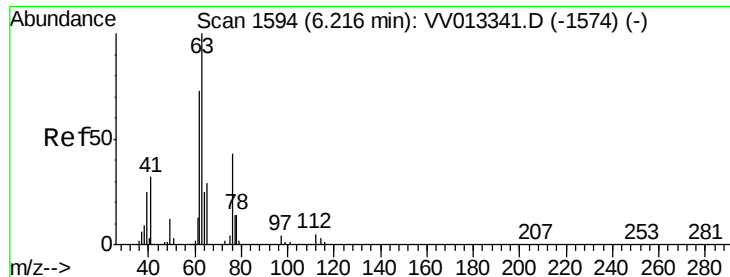
Tgt Ion: 95 Resp: 6480
 Ion Ratio Lower Upper
 95 100
 97 65.0 45.2 84.0
 132 113.6 70.6 131.2
 130 113.5 75.5 140.3



#35
 Methylcyclohexane
 Concen: 0.805 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV013349.D
 Acq: 25 Oct 2019 16:32

Tgt Ion: 83 Resp: 56101
 Ion Ratio Lower Upper
 83 100
 55 0.3 62.4 93.6#
 98 0.0 39.2 58.8#

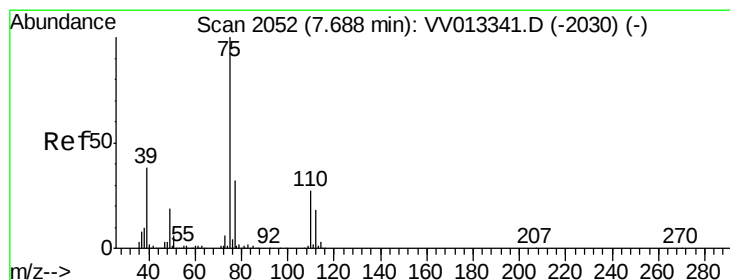
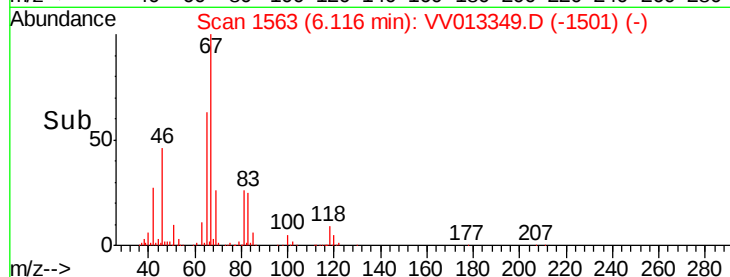
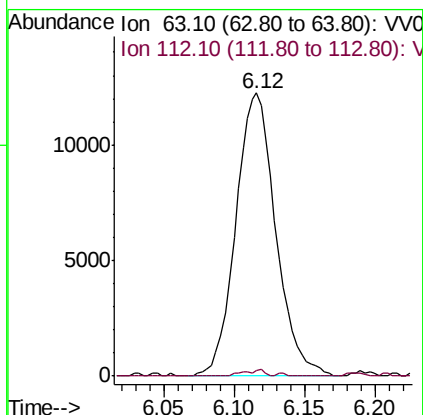
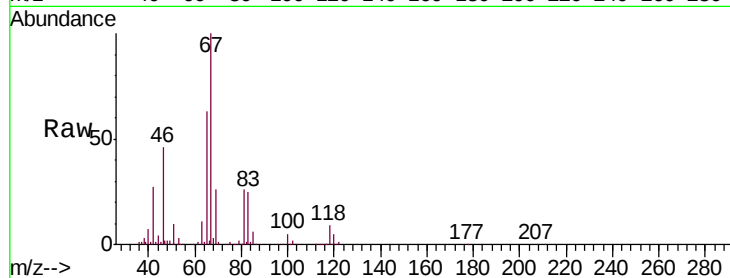




#37
 1,2-Dichloropropane
 Concen: 0.591 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV013349.D
 Acq: 25 Oct 2019 16:32

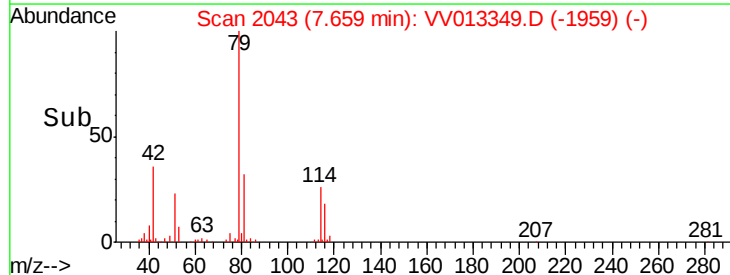
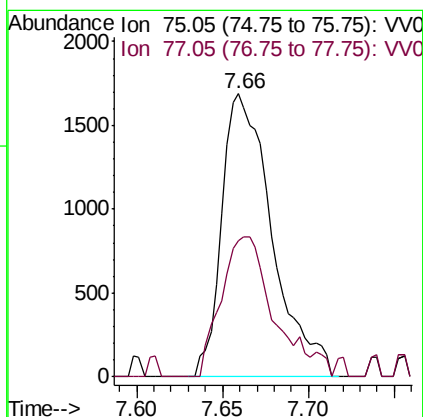
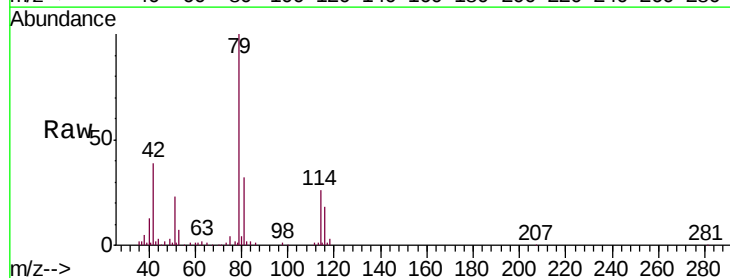
Instrument :
 MSVOA_V
 ClientSampled :
 VIBLK50

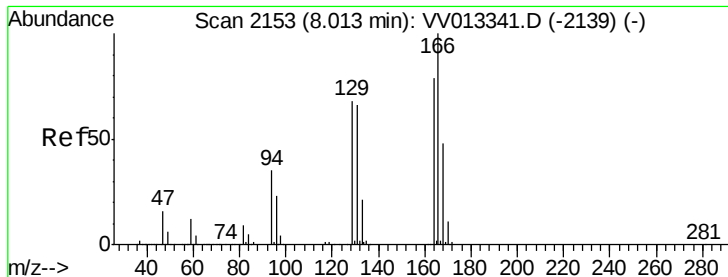
Tgt Ion: 63 Resp: 24225
 Ion Ratio Lower Upper
 63 100
 112 0.5 4.1 6.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV013349.D
 Acq: 25 Oct 2019 16:32

Tgt Ion: 75 Resp: 3440
 Ion Ratio Lower Upper
 75 100
 77 48.2 21.8 40.6#





#47

Tetrachloroethene

Concen: 0.132 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.01 min

Lab File: VV013349.D

Acq: 25 Oct 2019 16:32

Instrument :

MSVOA_V

ClientSampleId :

VIBLK50

Tgt Ion:164 Resp: 5415

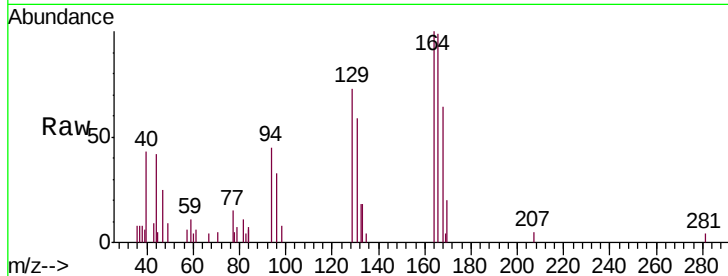
Ion Ratio Lower Upper

164 100

129 73.1 61.0 113.2

131 58.6 57.5 106.9

166 98.7 87.8 163.0

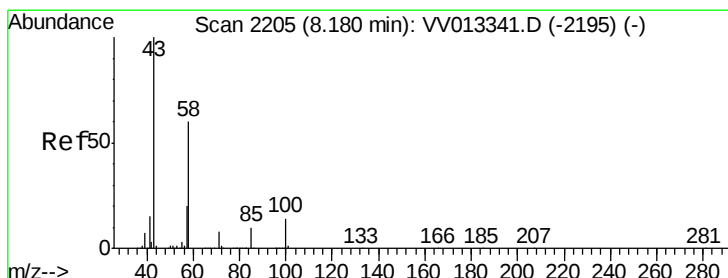
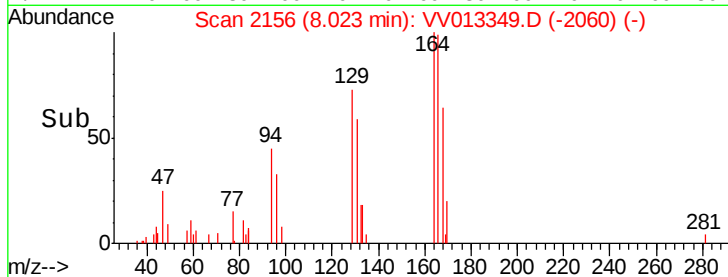
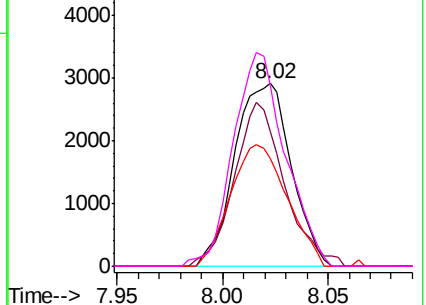


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 1.954 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV013349.D

Acq: 25 Oct 2019 16:32

Tgt Ion: 43 Resp: 29253

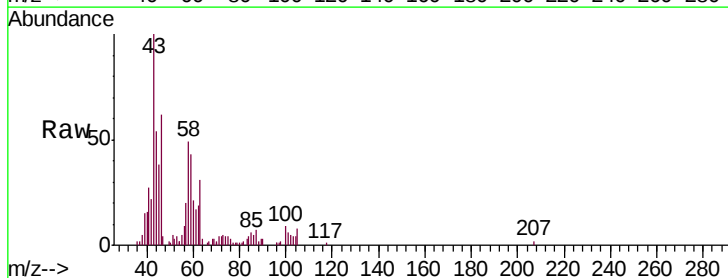
Ion Ratio Lower Upper

43 100

58 38.0 45.1 67.7#

57 14.1 15.5 23.3#

100 8.7 10.2 15.2#

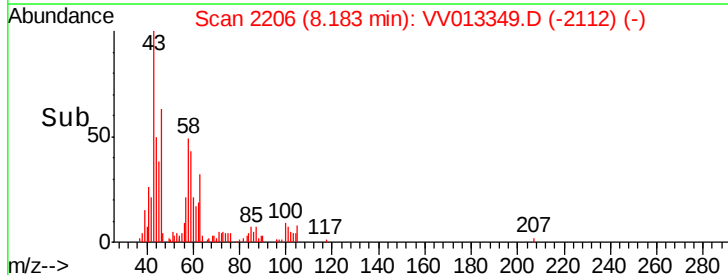
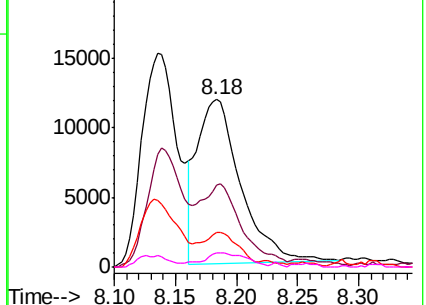


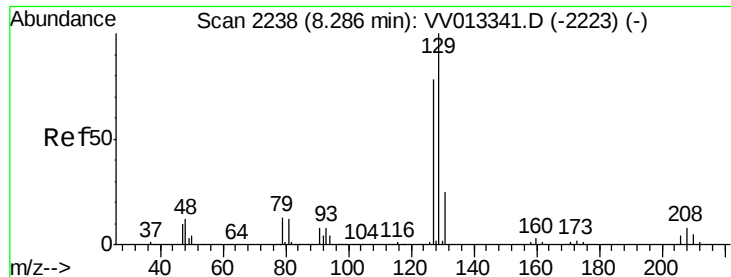
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#49

Dibromochloromethane

Concen: 0.117 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV013349.D

Acq: 25 Oct 2019 16:32

Instrument :

MSVOA_V

ClientSampleId :

VIBLK50

Tgt Ion:129 Resp: 4204

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#

