

Data File : VV013746.D
Acq On : 22 Nov 2019 20:12
Operator : SY/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

Quant Time: Nov 23 01:40:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	339640	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	346267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	161338	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107334	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.58	69	98740	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.13	63	148216	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	3.92	46	268173	61.37	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.74%
24) Chloroform-d	4.40	84	218142	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.08	65	114306	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
32) Benzene-d6	5.10	84	432599	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.11	67	134926	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	367502	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.66	79	48485	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.13	63	200015	52.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	98505	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	161922	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

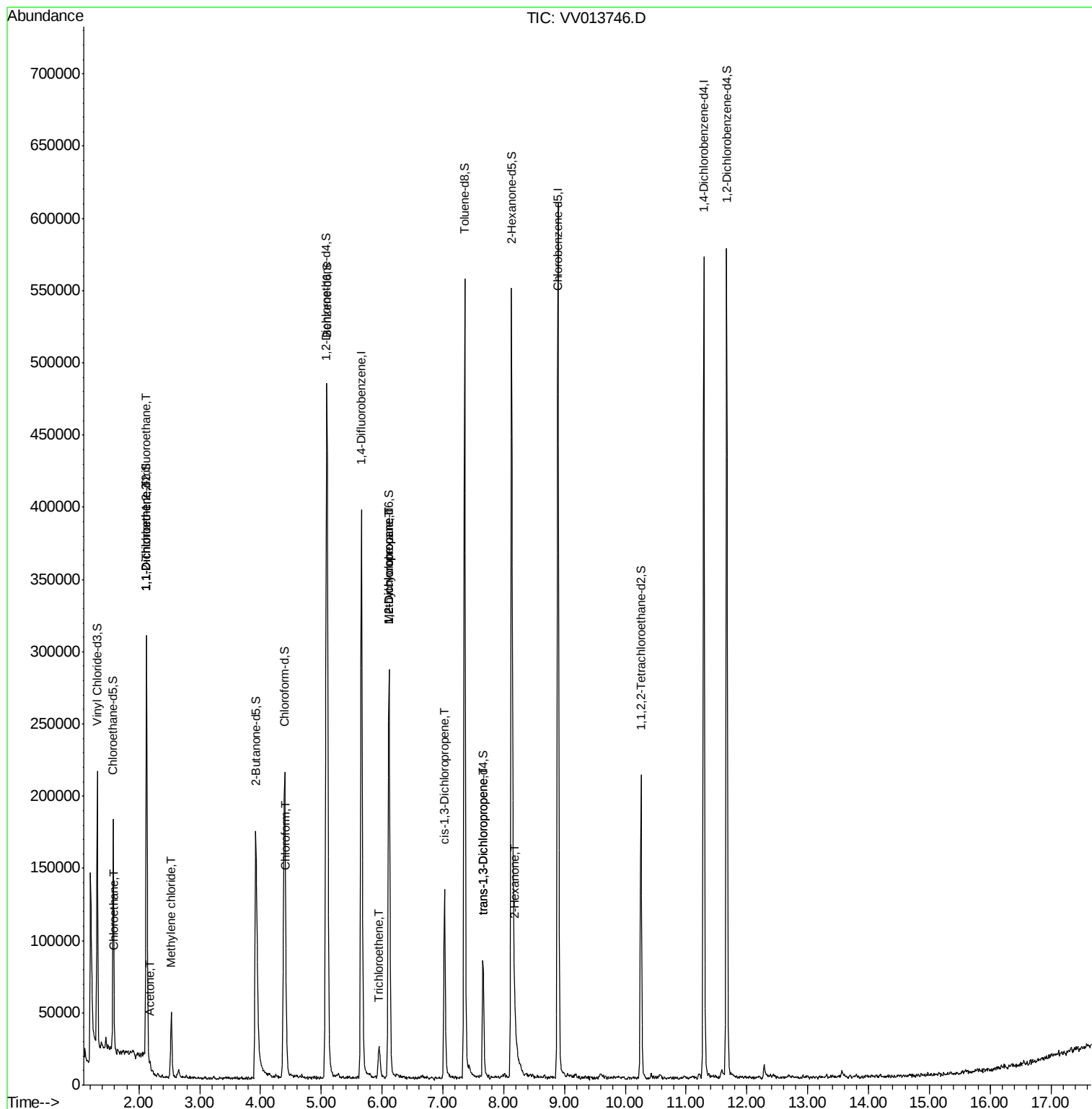
					Qvalue	
8) Chloroethane	1.60	64	1707	0.140	ug/L #	57
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1987	0.106	ug/L #	24
12) 1,1-Dichloroethene	2.12	96	2227	0.136	ug/L #	1
13) Acetone	2.18	43	5496	1.798	ug/L #	50
16) Methylene chloride	2.53	84	19146	0.856	ug/L	95
25) Chloroform	4.42	83	7180	0.184	ug/L	99
34) Trichloroethene	5.96	95	3817	0.163	ug/L	96
35) Methylcyclohexane	6.11	83	33435	1.069	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	13445	0.616	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	3045	0.098	ug/L #	70
44) trans-1,3-Dichloropropene	7.66	75	2483	0.102	ug/L	84
48) 2-Hexanone	8.18	43	9801	1.078	ug/L #	80

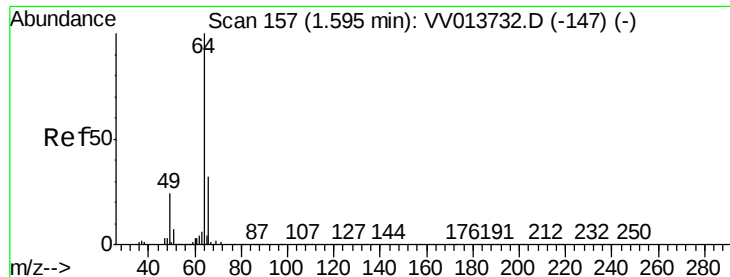
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV013746.D
Acq On : 22 Nov 2019 20:12
Operator : SY/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

Quant Time: Nov 23 01:40:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.140 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.01 min

Lab File: VV013746.D

Acq: 22 Nov 2019 20:12

Instrument :

MSVOA_V

ClientSampleId :

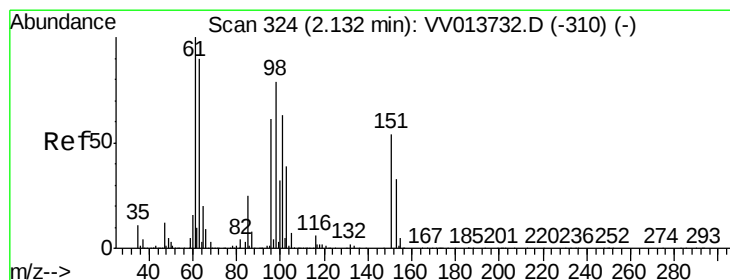
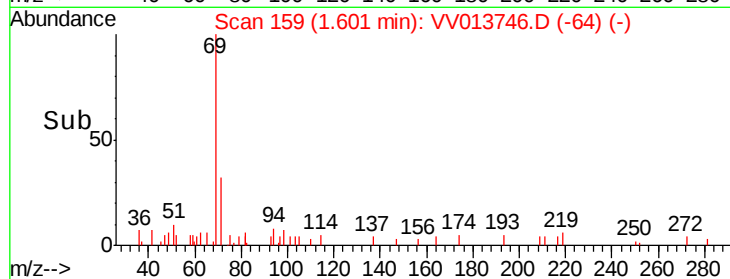
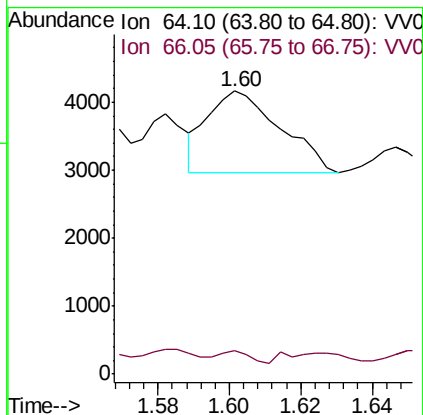
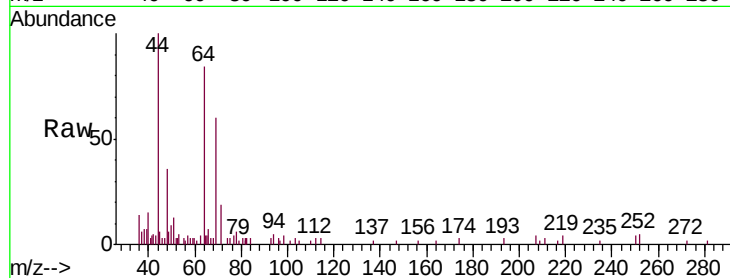
VIBLK40

Tgt Ion: 64 Resp: 1707

Ion Ratio Lower Upper

64 100

66 8.0 22.6 42.0#



#10

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

Concen: 0.106 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV013746.D

Acq: 22 Nov 2019 20:12

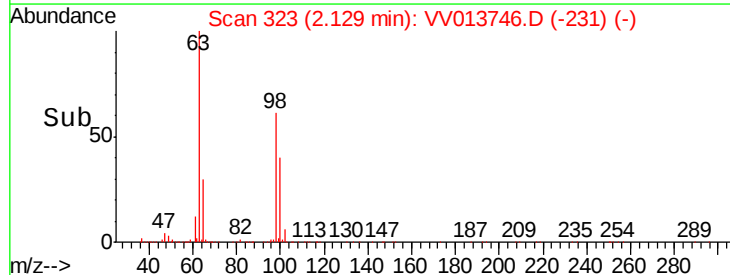
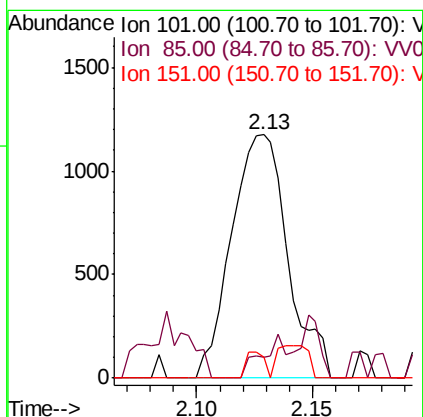
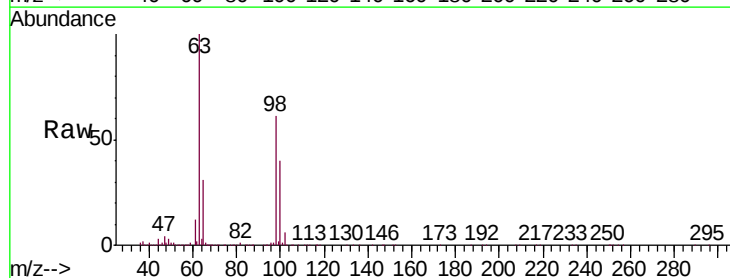
Tgt Ion: 101 Resp: 1987

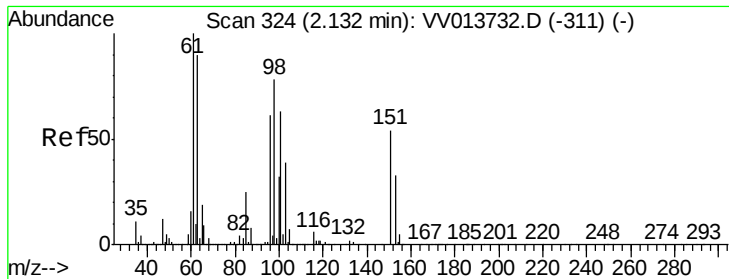
Ion Ratio Lower Upper

101 100

85 7.2 33.4 50.0#

151 7.2 69.4 104.0#





#12

1,1-Dichloroethene

Concen: 0.136 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV013746.D

Acq: 22 Nov 2019 20:12

Instrument :

MSVOA_V

ClientSampleId :

VIBLK40

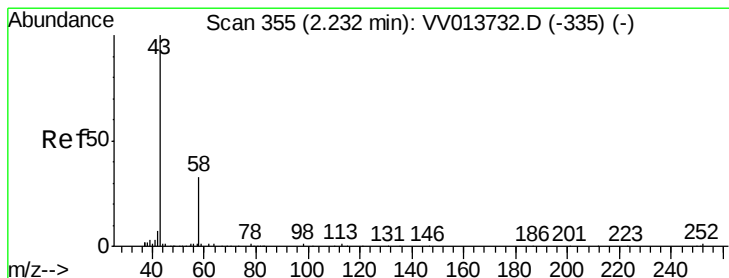
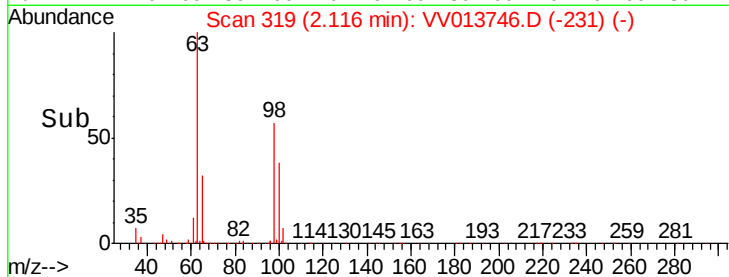
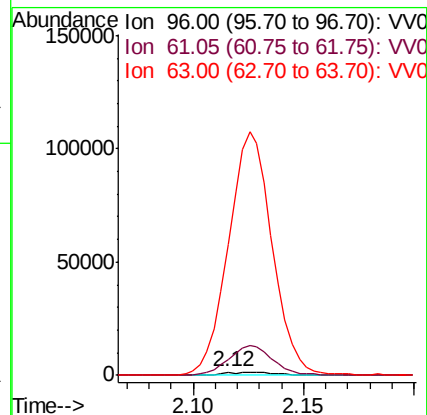
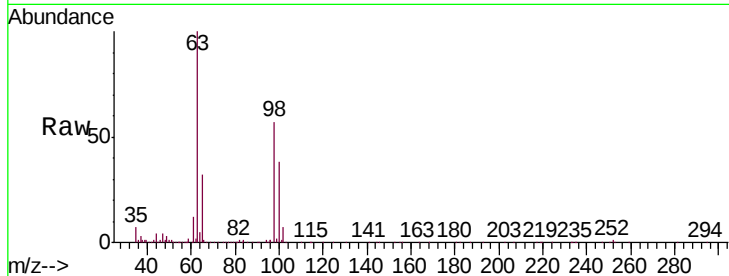
Tgt Ion: 96 Resp: 2227

Ion Ratio Lower Upper

96 100

61 537.7 116.3 215.9#

63 4398.8 96.7 179.7#



#13

Acetone

Concen: 1.798 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.05 min

Lab File: VV013746.D

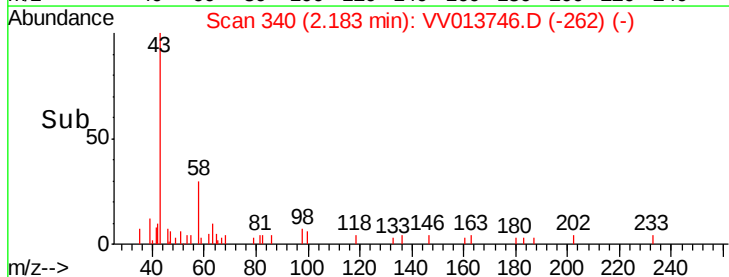
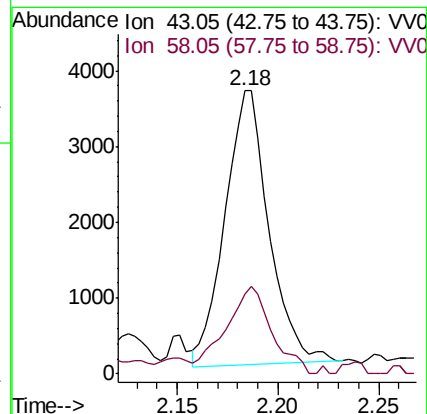
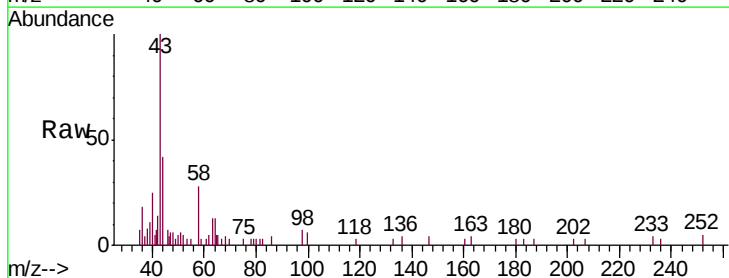
Acq: 22 Nov 2019 20:12

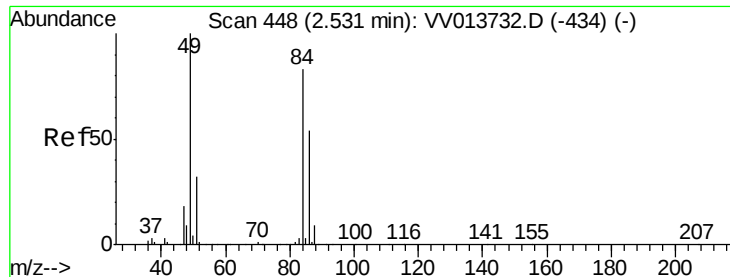
Tgt Ion: 43 Resp: 5496

Ion Ratio Lower Upper

43 100

58 33.6 0.0 27.2#

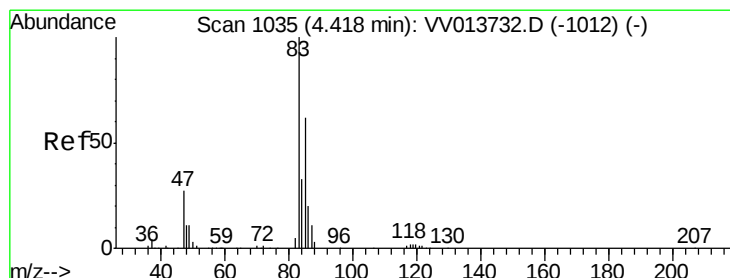
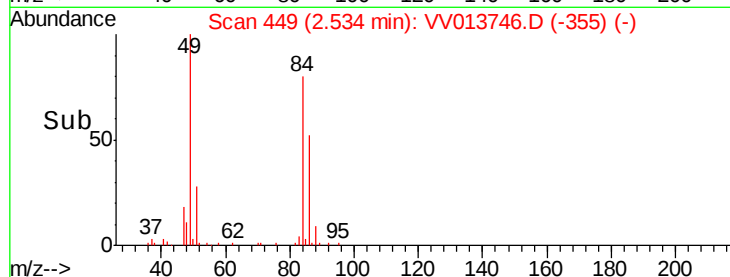
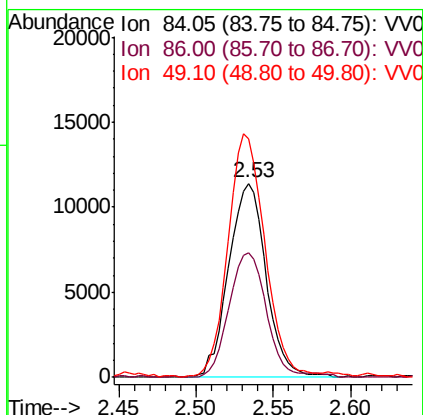
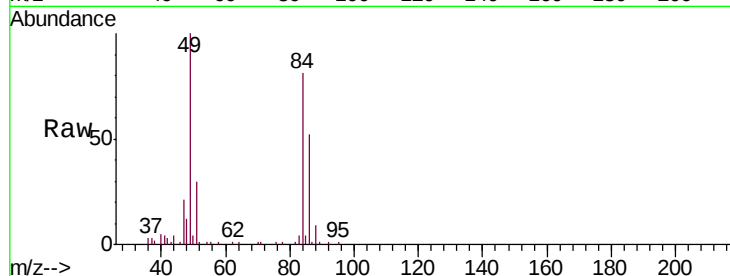




#16
Methylene chloride
Concen: 0.856 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013746.D
Acq: 22 Nov 2019 20:12

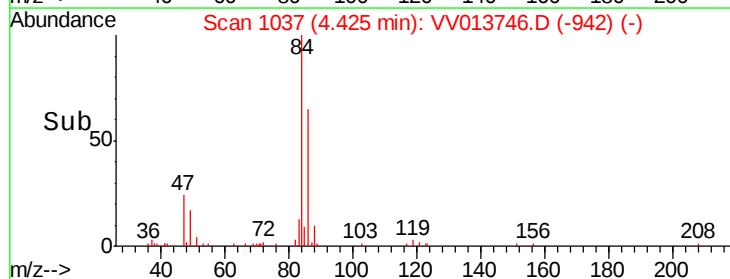
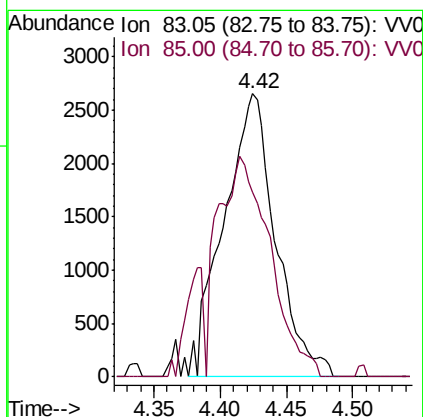
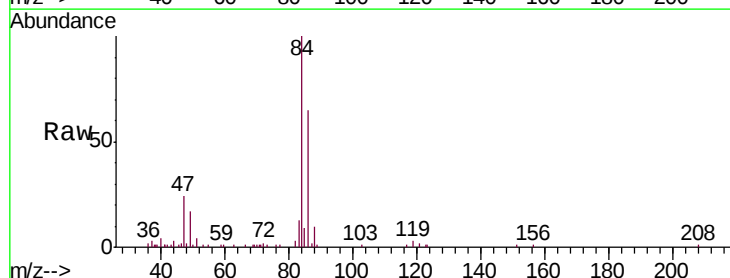
Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

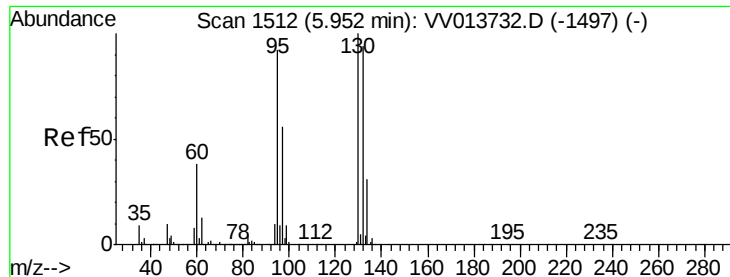
Tgt Ion: 84 Resp: 19146
Ion Ratio Lower Upper
84 100
86 64.3 44.0 81.6
49 123.3 81.5 151.5



#25
Chloroform
Concen: 0.184 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV013746.D
Acq: 22 Nov 2019 20:12

Tgt Ion: 83 Resp: 7180
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.7





#34

Trichloroethene

Concen: 0.163 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VV013746.D

Acq: 22 Nov 2019 20:12

Instrument :

MSVOA_V

ClientSampleId :

VIBLK40

Tgt Ion: 95 Resp: 3817

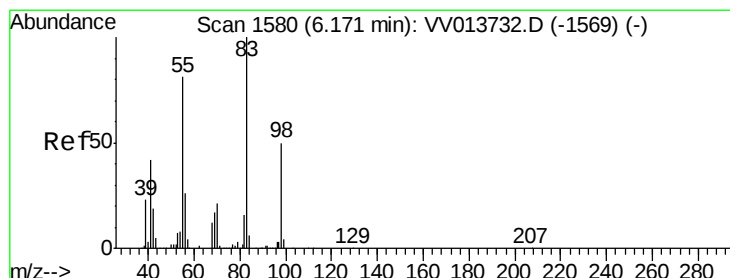
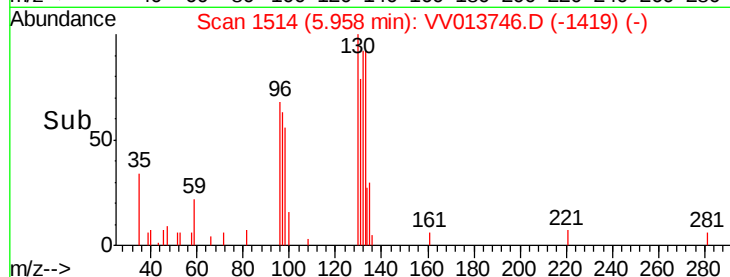
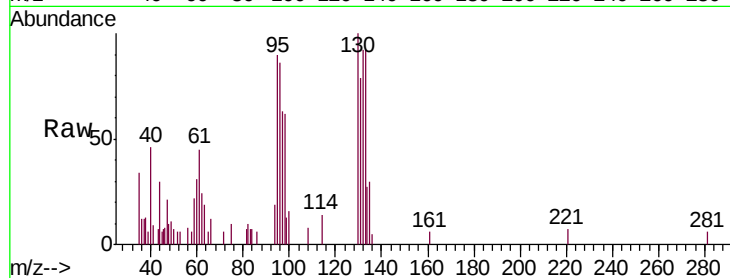
Ion Ratio Lower Upper

95 100

97 70.6 45.6 84.8

132 102.9 70.5 130.9

130 111.7 75.9 140.9



#35

Methylcyclohexane

Concen: 1.069 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013746.D

Acq: 22 Nov 2019 20:12

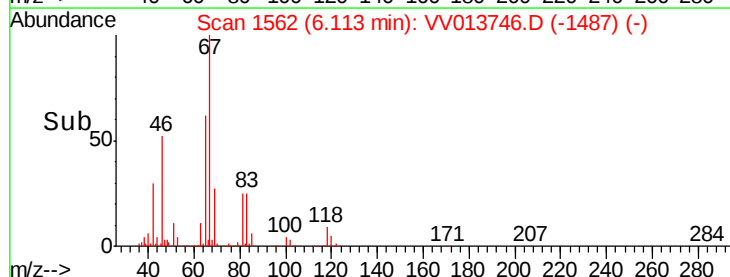
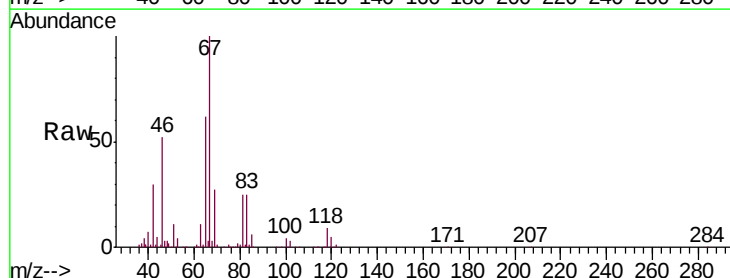
Tgt Ion: 83 Resp: 33435

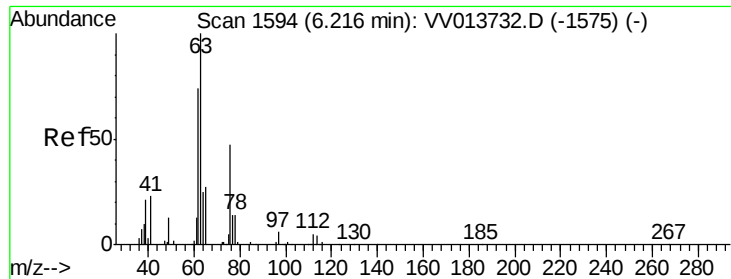
Ion Ratio Lower Upper

83 100

55 0.8 60.3 90.5#

98 1.2 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 0.616 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV013746.D

Acq: 22 Nov 2019 20:12

Instrument :

MSVOA_V

ClientSampleId :

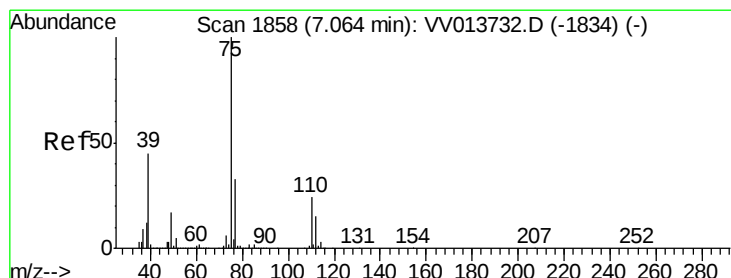
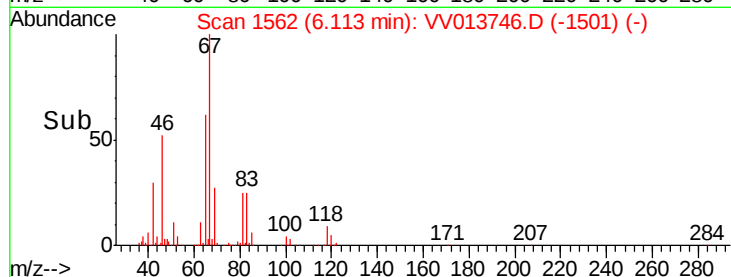
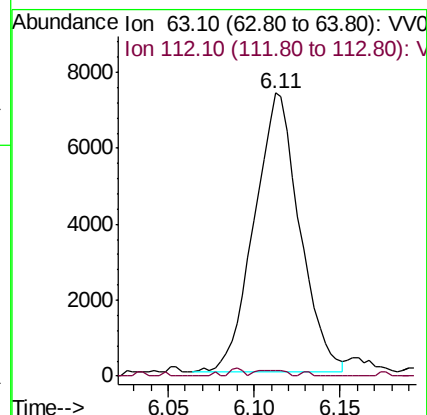
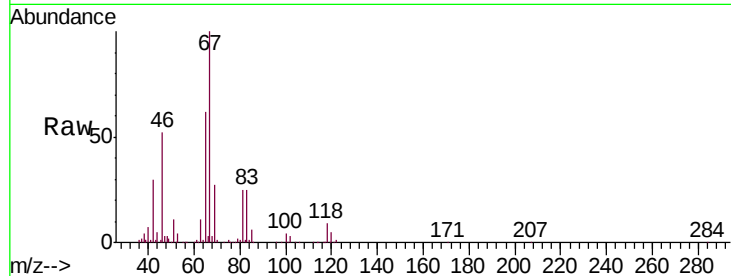
VIBLK40

Tgt Ion: 63 Resp: 13445

Ion Ratio Lower Upper

63 100

112 1.5 4.4 6.6#



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV013746.D

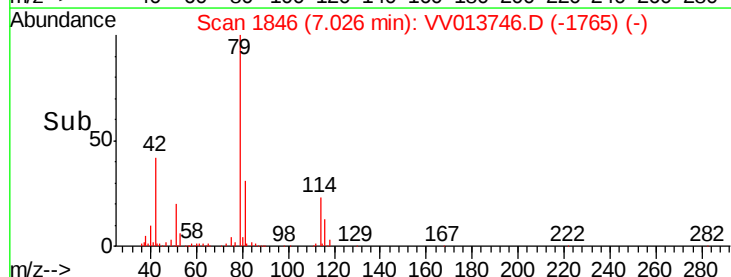
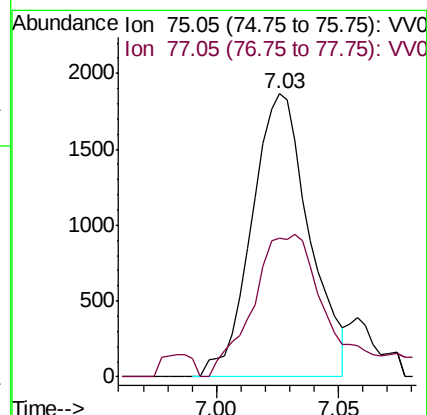
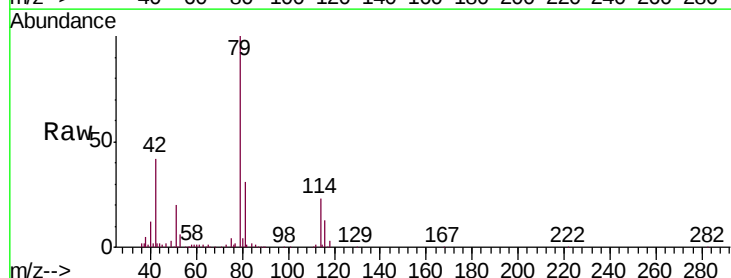
Acq: 22 Nov 2019 20:12

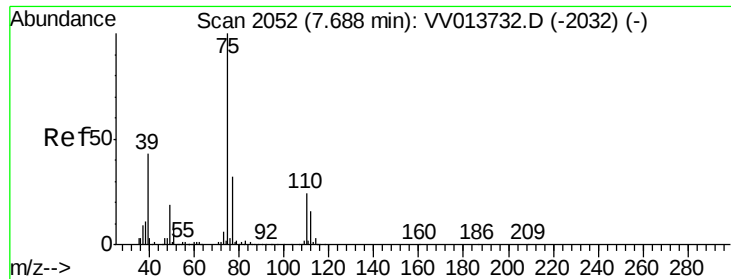
Tgt Ion: 75 Resp: 3045

Ion Ratio Lower Upper

75 100

77 48.9 22.5 41.9#





#44

trans-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013746.D

Acq: 22 Nov 2019 20:12

Instrument :

MSVOA_V

ClientSampled :

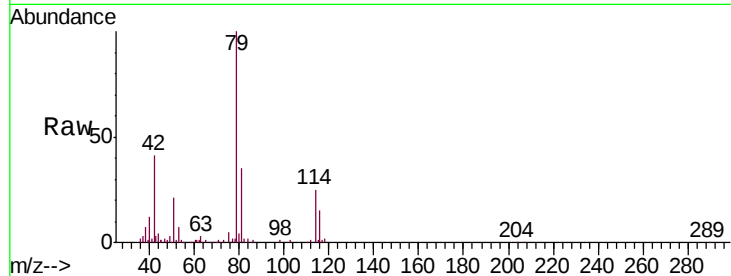
VIBLK40

Tgt Ion: 75 Resp: 2483

Ion Ratio Lower Upper

75 100

77 41.8 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

1500

1000

500

0

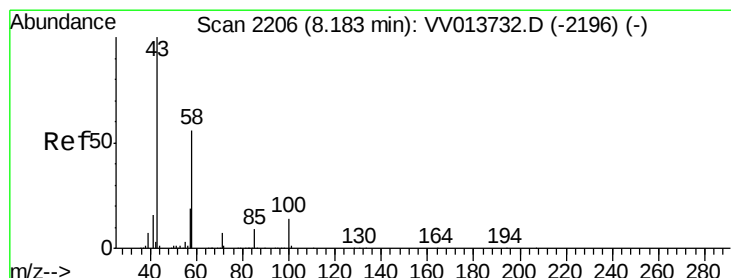
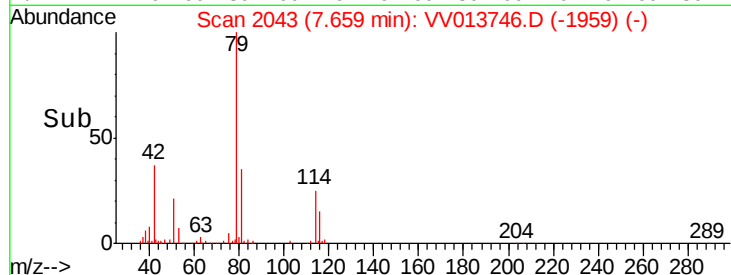
7.60

7.65

7.70

7.75

Time-->



#48

2-Hexanone

Concen: 1.078 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VV013746.D

Acq: 22 Nov 2019 20:12

Tgt Ion: 43 Resp: 9801

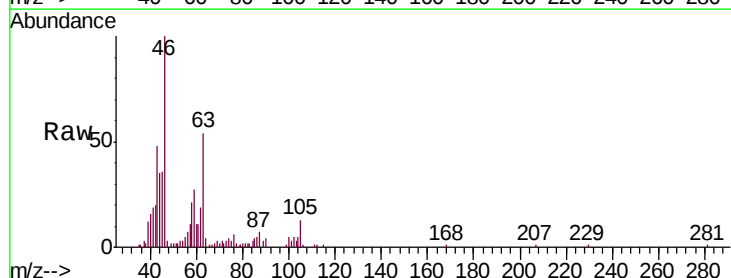
Ion Ratio Lower Upper

43 100

58 64.9 43.2 64.8#

57 5.0 15.4 23.2#

100 4.4 10.4 15.6#



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

15000

10000

5000

0

8.15

8.20

8.25

Time-->

