

Data File : VV011243.D
Acq On : 06 Jun 2019 14:16
Operator : SY/MD
Sample : VV0606WBL01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK47

Quant Time: Jun 07 01:31:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 01:28:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	165644	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	151743	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64108	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51178	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.57	69	41460	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.12	63	80387	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.94	46	129153	45.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.42%
24) Chloroform-d	4.40	84	97270	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.08	65	52704	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.09	84	199304	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.12	67	61559	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.36	98	175876	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.66	79	20221	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.13	63	104142	46.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40757	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	57240	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

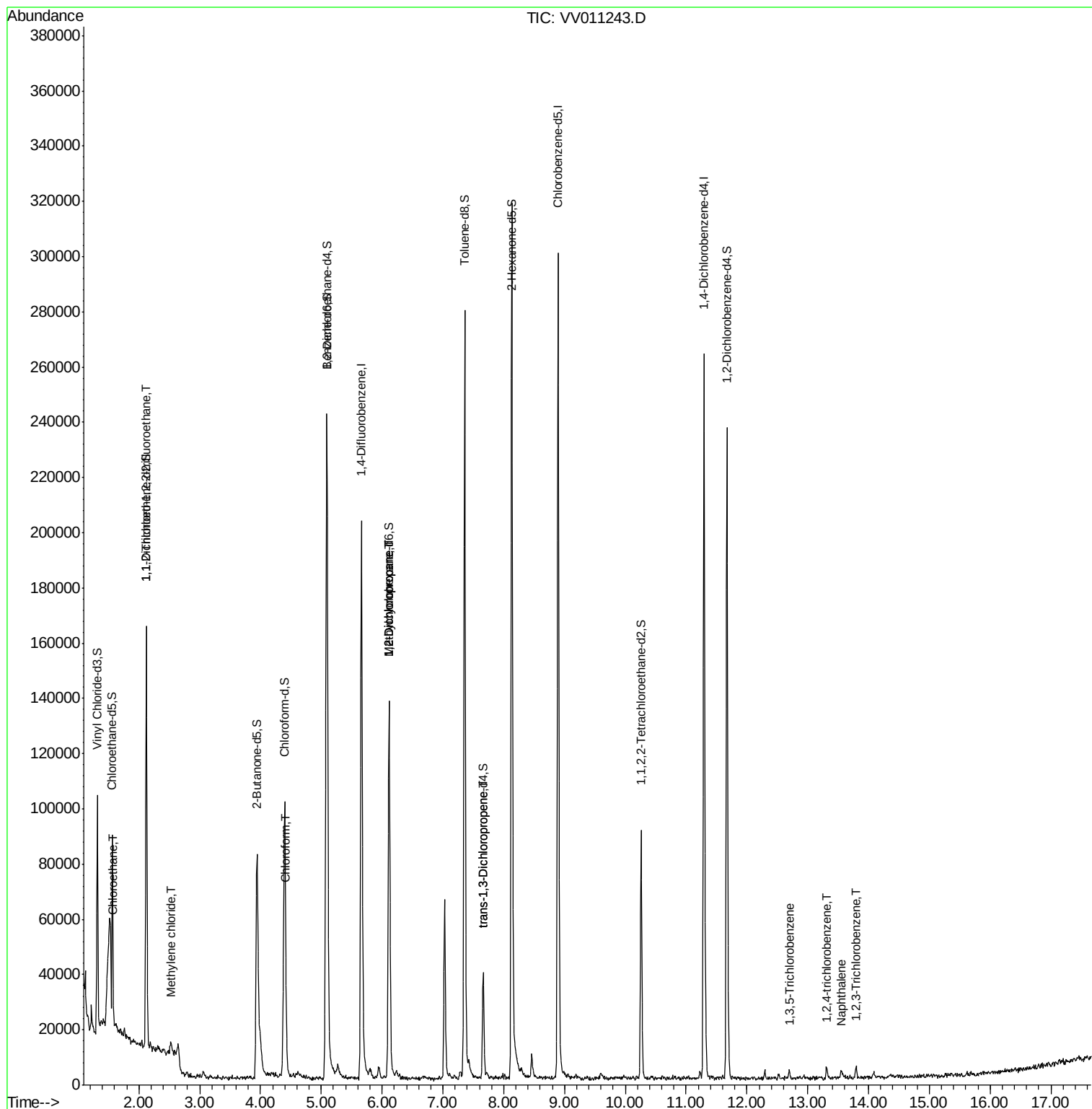
					Qvalue	
8) Chloroethane	1.59	64	1104	0.113	ug/L #	63
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	895	0.083	ug/L #	28
16) Methylene chloride	2.53	84	1513	0.141	ug/L	83
25) Chloroform	4.42	83	2025	0.085	ug/L	90
35) Methylcyclohexane	6.12	83	15205	0.737	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7348	0.611	ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	1333	0.100	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	737	0.048	ug/L #	88
68) 1,2,4-trichlorobenzene	13.32	180	1081	0.093	ug/L	97
69) Naphthalene	13.56	128	2067	0.109	ug/L #	93
70) 1,2,3-Trichlorobenzene	13.80	180	1066	0.103	ug/L	93

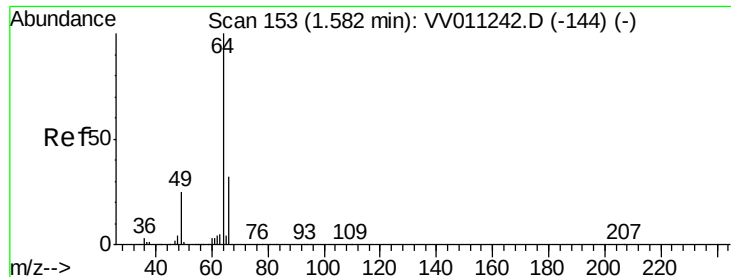
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.113 ug/L

RT: 1.59 min Scan# 154

Delta R.T. 0.00 min

Lab File: VV011243.D

Acq: 06 Jun 2019 14:16

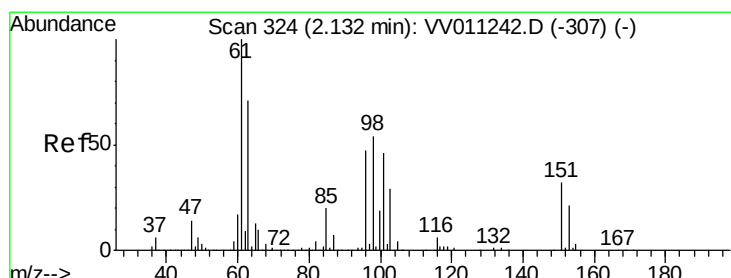
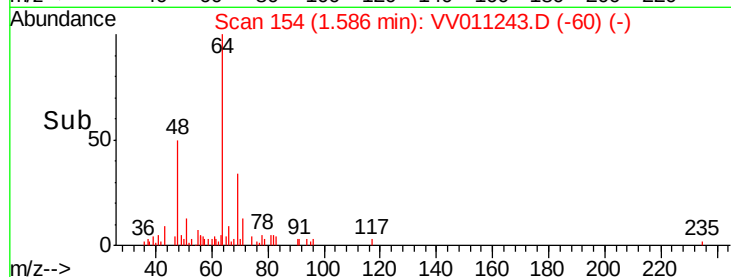
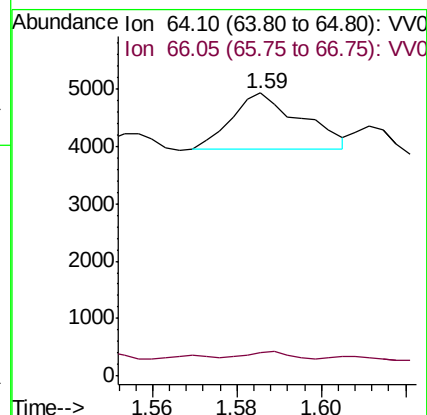
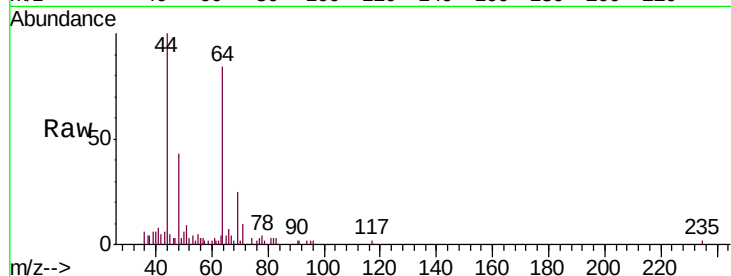
Instrument :
MSVOA_V
ClientSampled :
VBLK47

Tgt Ion: 64 Resp: 1104

Ion Ratio Lower Upper

64 100

66 8.2 19.4 36.0#



#10

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

Concen: 0.083 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011243.D

Acq: 06 Jun 2019 14:16

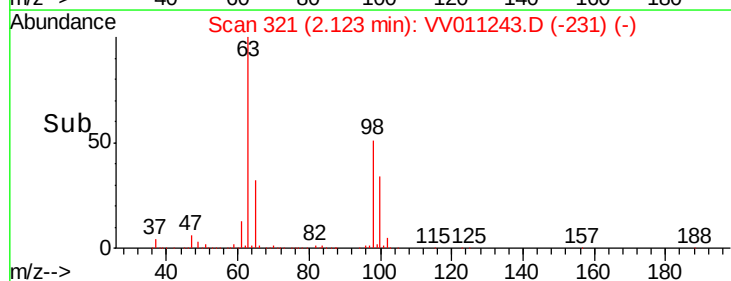
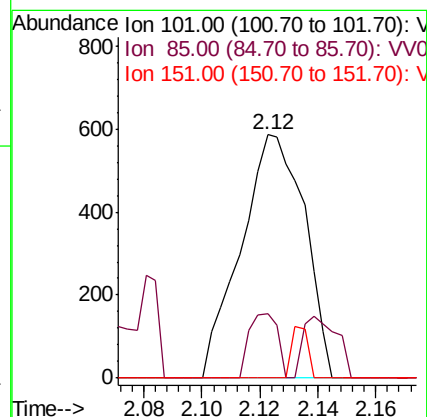
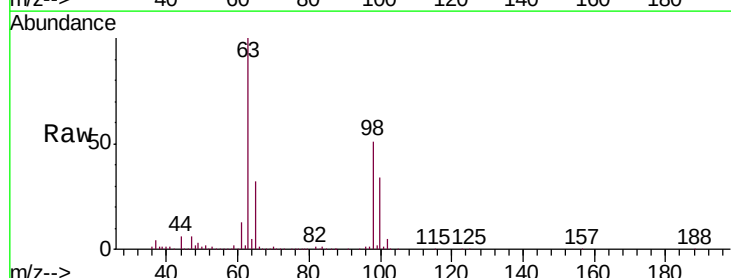
Tgt Ion: 101 Resp: 895

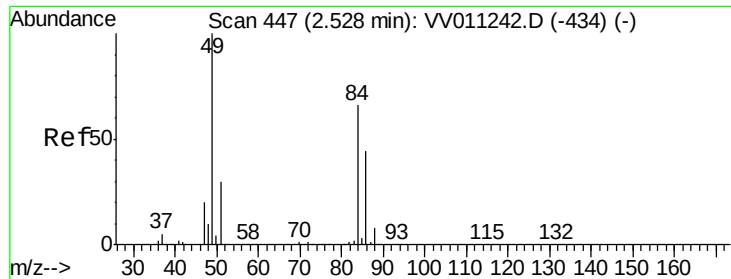
Ion Ratio Lower Upper

101 100

85 11.8 35.5 53.3#

151 0.0 56.9 85.3#

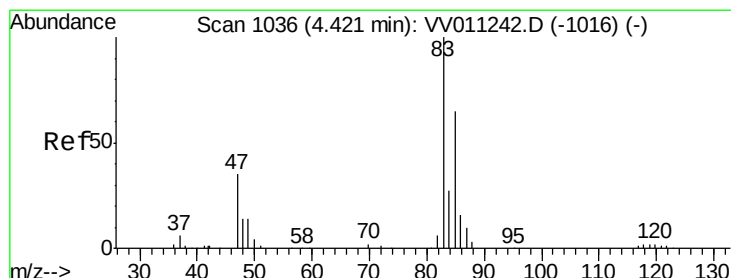
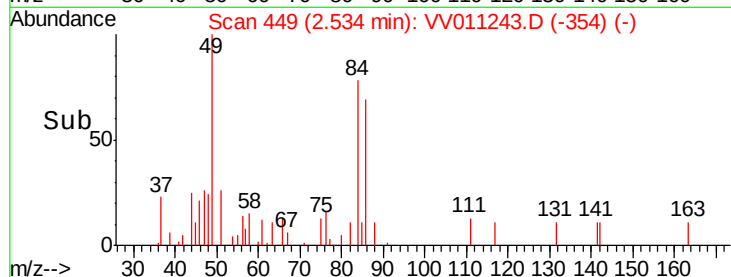
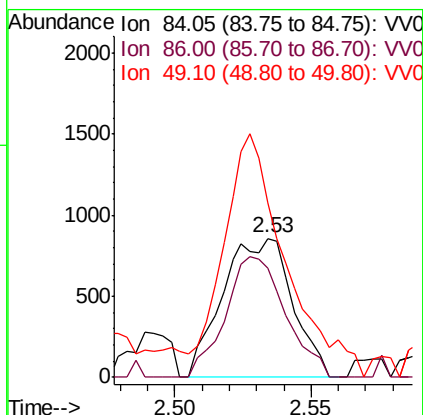
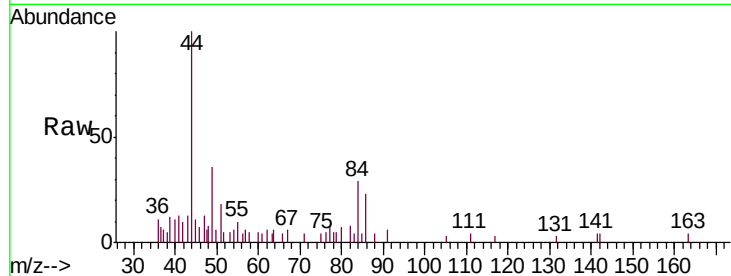




#16
Methylene chloride
Concen: 0.141 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
Lab File: VV011243.D
Acq: 06 Jun 2019 14:16

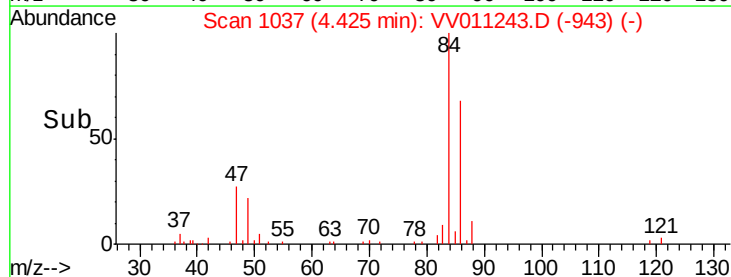
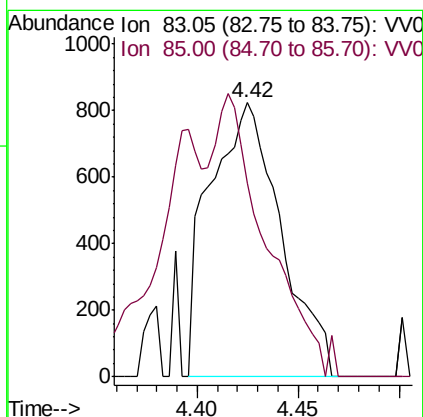
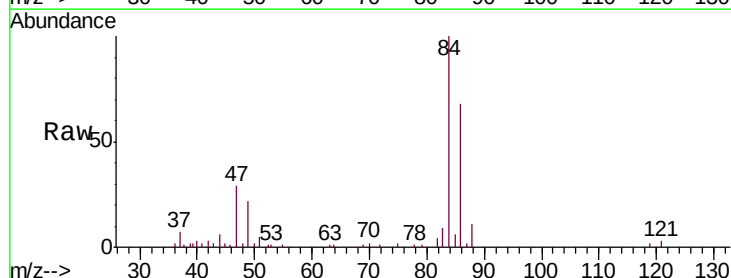
Instrument :
MSVOA_V
ClientSampled :
VBLK47

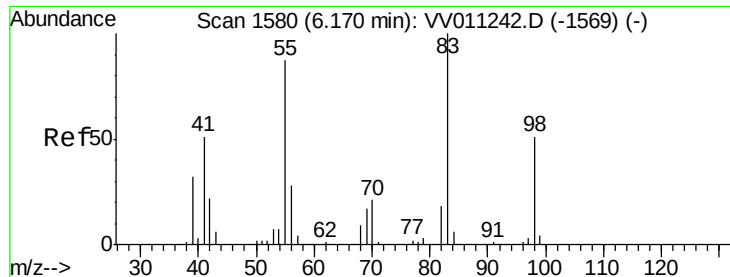
Tgt Ion: 84 Resp: 1513
Ion Ratio Lower Upper
84 100
86 78.6 44.9 83.3
49 125.7 102.1 189.5



#25
Chloroform
Concen: 0.085 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011243.D
Acq: 06 Jun 2019 14:16

Tgt Ion: 83 Resp: 2025
Ion Ratio Lower Upper
83 100
85 70.6 44.1 81.9

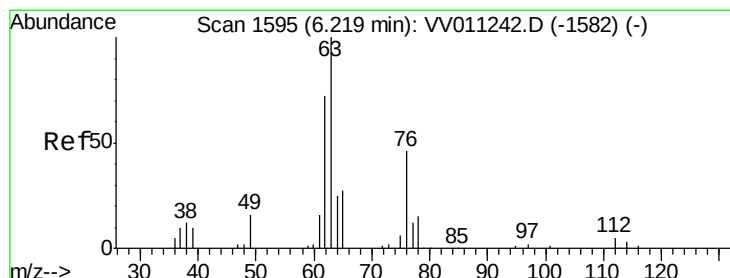
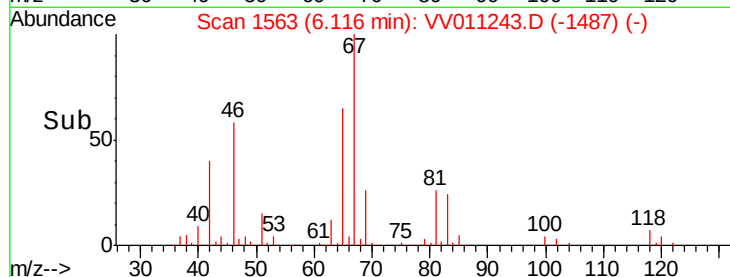
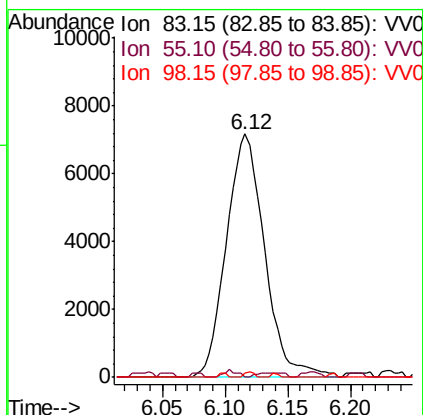
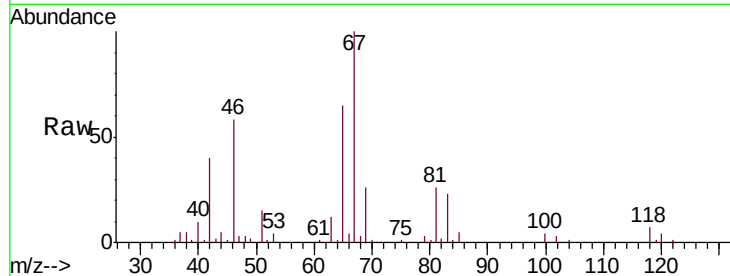




#35
Methylcyclohexane
Concen: 0.737 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011243.D
Acq: 06 Jun 2019 14:16

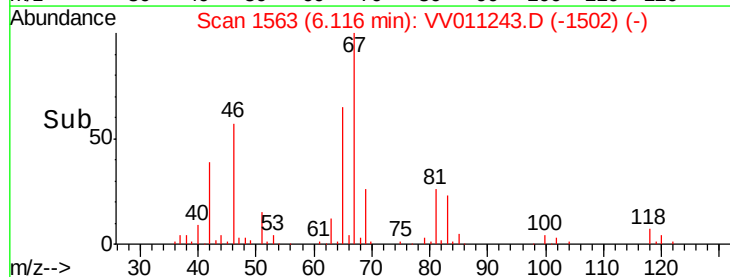
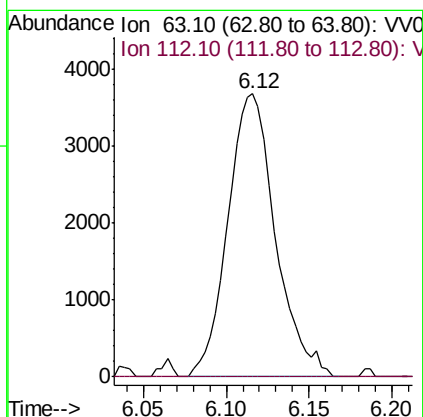
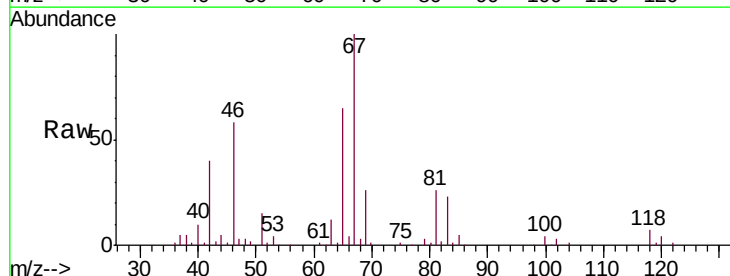
Instrument :
MSVOA_V
ClientSampleId :
VBLK47

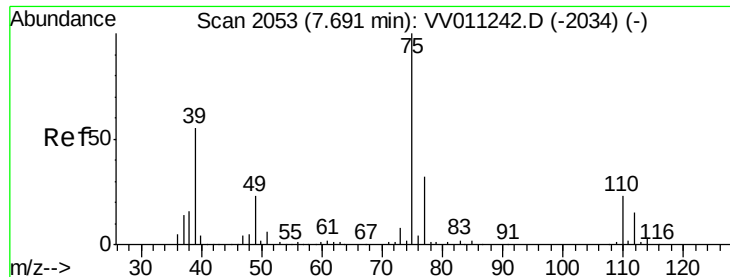
Tgt Ion: 83 Resp: 15205
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.6#
98 0.5 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011243.D
Acq: 06 Jun 2019 14:16

Tgt Ion: 63 Resp: 7348
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#44

trans-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV011243.D

Acq: 06 Jun 2019 14:16

Instrument :

MSVOA_V

ClientSampled :

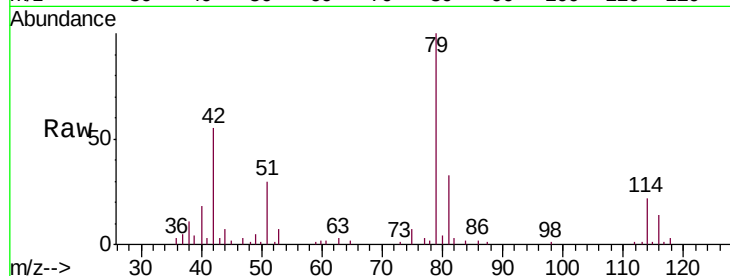
VBLK47

Tgt Ion: 75 Resp: 1333

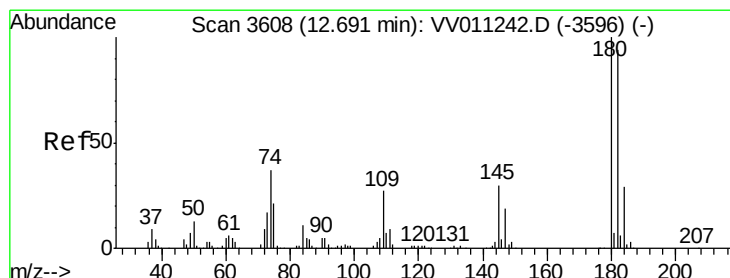
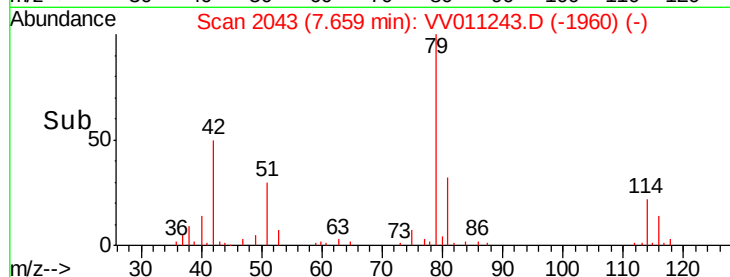
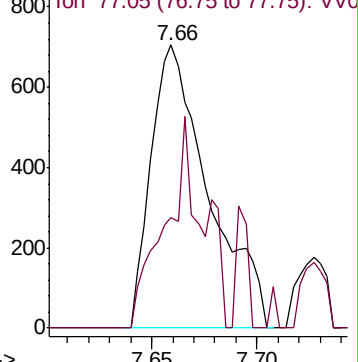
Ion Ratio Lower Upper

75 100

77 39.1 23.1 42.9



Abundance Ion 75.05 (74.75 to 75.75): VV011242.D (-2034) (-)



#67

1,3,5-Trichlorobenzene

Concen: 0.048 ug/L

RT: 12.69 min Scan# 3609

Delta R.T. 0.00 min

Lab File: VV011243.D

Acq: 06 Jun 2019 14:16

Tgt Ion: 180 Resp: 737

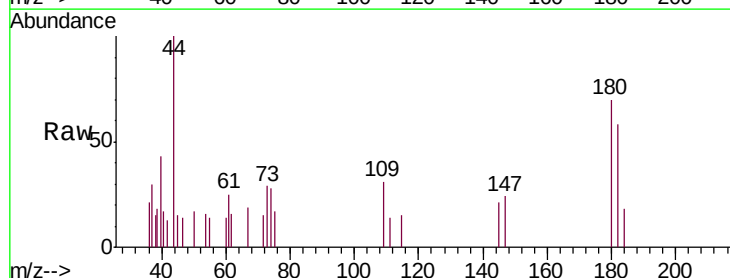
Ion Ratio Lower Upper

180 100

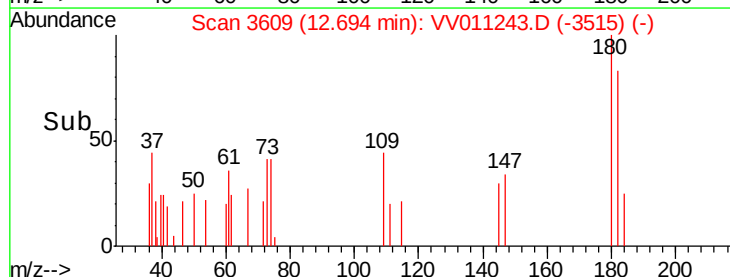
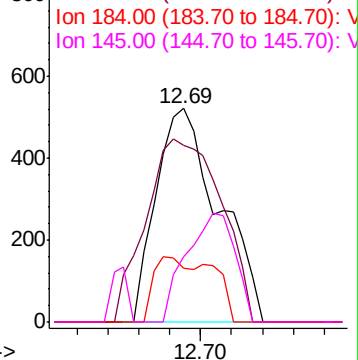
182 103.0 76.7 115.1

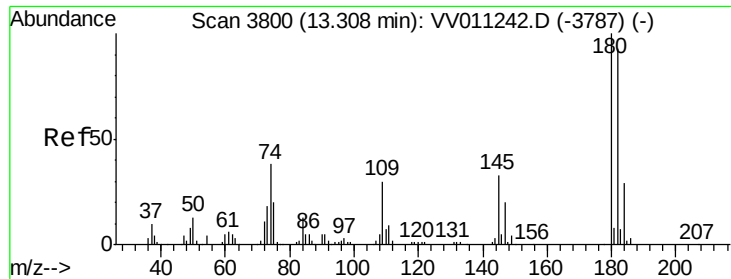
184 18.3 23.8 35.8#

145 39.1 24.2 36.2#



Abundance Ion 180.00 (179.70 to 180.70): VV011242.D (-3596) (-)

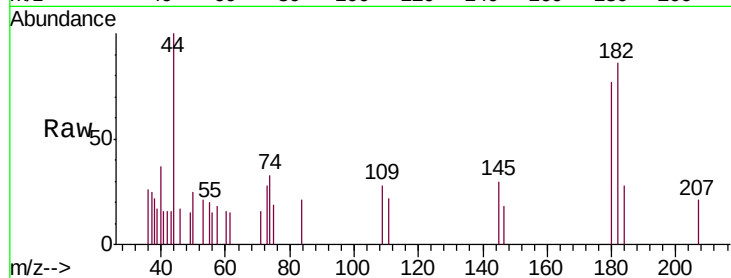




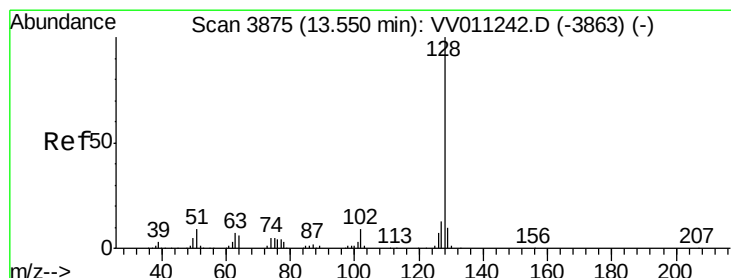
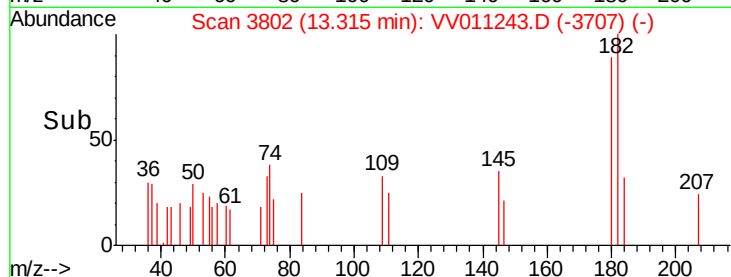
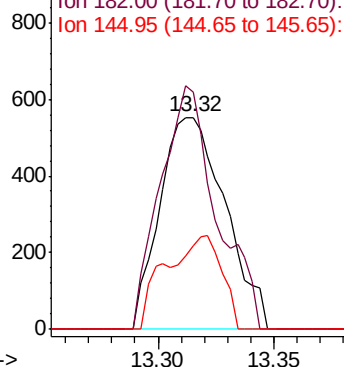
#68
 1,2,4-trichlorobenzene
 Concen: 0.093 ug/L
 RT: 13.32 min Scan# 3802
 Delta R.T. 0.01 min
 Lab File: VV011243.D
 Acq: 06 Jun 2019 14:16

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK47

Tgt Ion:180 Resp: 1081
 Ion Ratio Lower Upper
 180 100
 182 99.3 78.8 118.2
 145 38.0 26.3 39.5

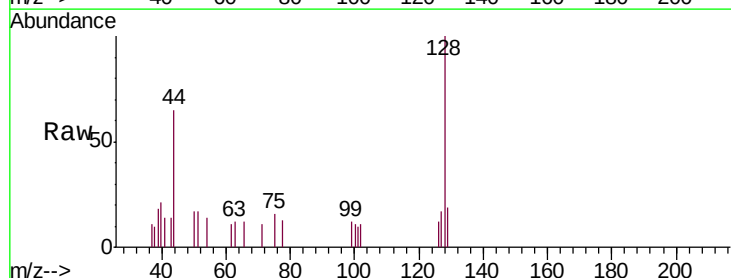


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

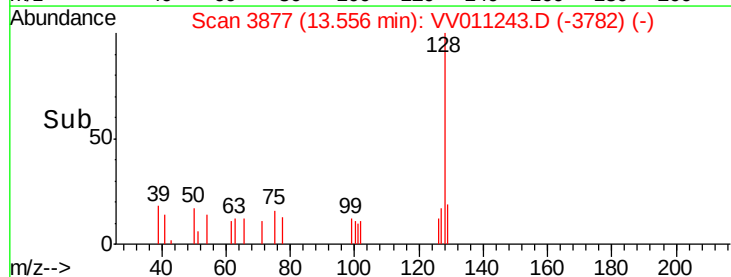
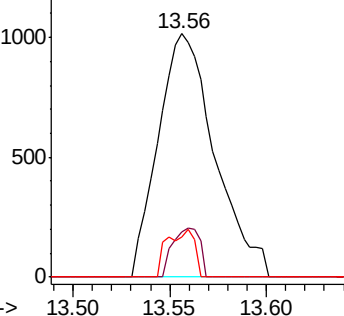


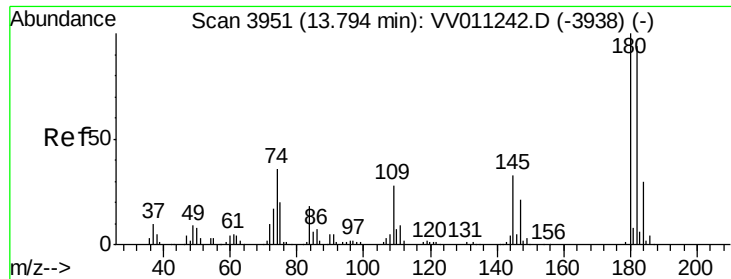
#69
 Naphthalene
 Concen: 0.109 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.01 min
 Lab File: VV011243.D
 Acq: 06 Jun 2019 14:16

Tgt Ion:128 Resp: 2067
 Ion Ratio Lower Upper
 128 100
 129 9.6 8.9 13.3
 127 9.3 10.5 15.7#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

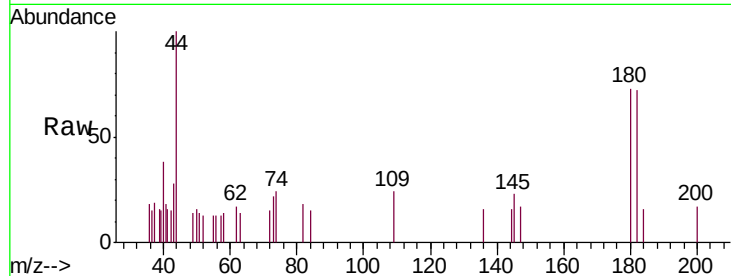




#70
 1,2,3-Trichlorobenzene
 Concen: 0.103 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.01 min
 Lab File: VV011243.D
 Acq: 06 Jun 2019 14:16

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK47

Tgt Ion	Resp	Lower	Upper
180	1066		
182	90.9	78.6	117.8
145	30.7	26.9	40.3



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

