

Data File : VV012910.D
Acq On : 18 Sep 2019 23:41
Operator : SY/MD
Sample : VIBLK40
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK400

Quant Time: Sep 19 05:17:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 05:14:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	353573	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	354578	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	135209	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	140938	7.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	140.80%#
7) Chloroethane-d5	1.58	69	130897	9.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	186.60%#
11) 1,1-Dichloroethene-d2	2.13	63	178162	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	3.97	46	159377	35.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.14%
24) Chloroform-d	4.40	84	260276	6.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.40%
26) 1,2-Dichloroethane-d4	5.08	65	131229	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.10	84	511631	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
36) 1,2-Dichloropropane-d6	6.12	67	163444	6.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	131.00%
41) Toluene-d8	7.36	98	406582	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.67	79	51090	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.14	63	210308	54.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.90%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	116317	6.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.20%#
66) 1,2-Dichlorobenzene-d4	11.67	152	143537	5.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.20%

Target Compounds

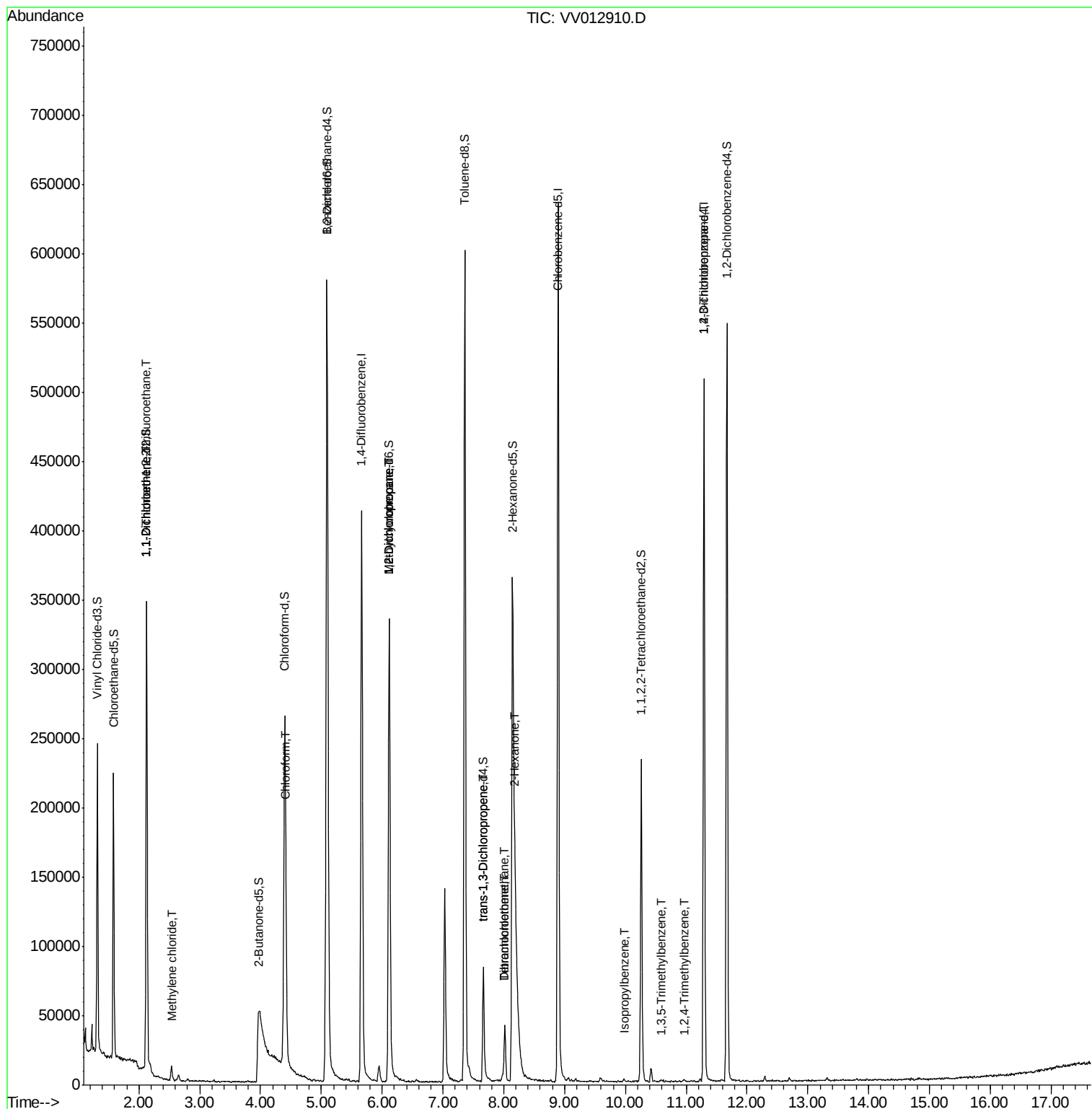
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2026	0.116	ug/L #	27
12) 1,1-Dichloroethene	2.13	96	1739	0.107	ug/L #	1
16) Methylene chloride	2.54	84	4340	0.261	ug/L	88
25) Chloroform	4.42	83	10174	0.194	ug/L	87
35) Methylcyclohexane	6.12	83	38521	0.895	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	18255	0.819	ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	2670	0.095	ug/L #	74
47) Tetrachloroethene	8.02	164	9690	0.404	ug/L	98
48) 2-Hexanone	8.19	43	16811	1.892	ug/L #	44
49) Dibromochloromethane	8.02	129	8858	0.425	ug/L #	10
60) Isopropylbenzene	9.97	105	1387	0.016	ug/L #	94
61) 1,2,3-Trichloropropane	11.29	75	15376	1.560	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.58	105	775	0.011	ug/L	89
63) 1,2,4-Trimethylbenzene	10.95	105	927	0.013	ug/L #	65

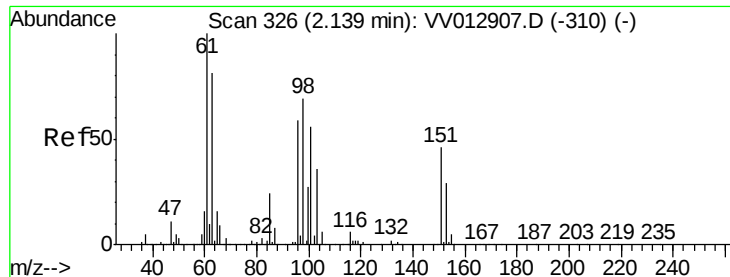
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.116 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012910.D

Acq: 18 Sep 2019 23:41

Instrument :

MSVOA_V

ClientSampleId :

VIBLK400

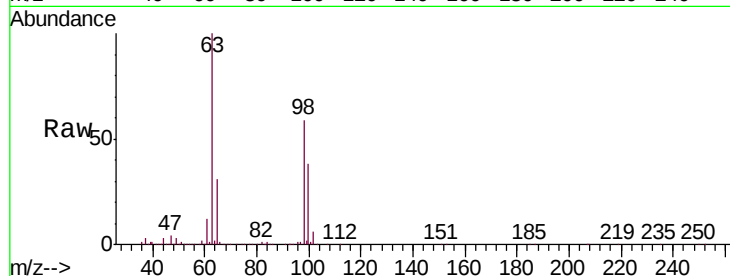
Tgt Ion:101 Resp: 2026

Ion Ratio Lower Upper

101 100

85 16.7 37.8 56.8#

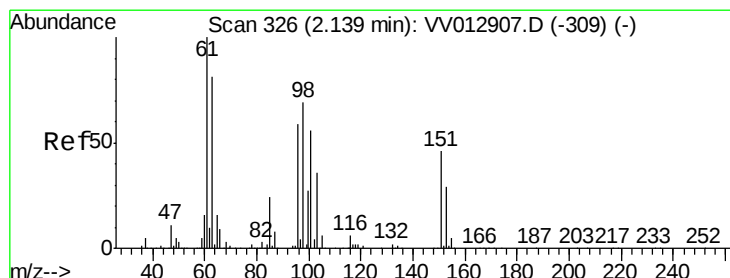
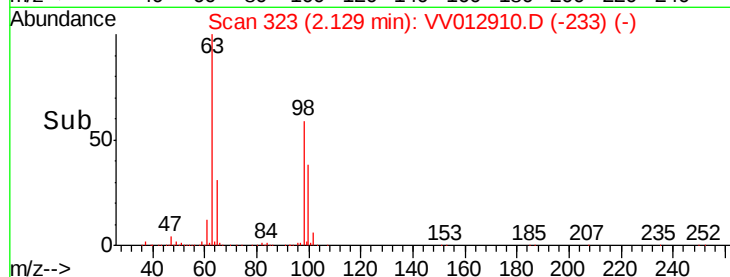
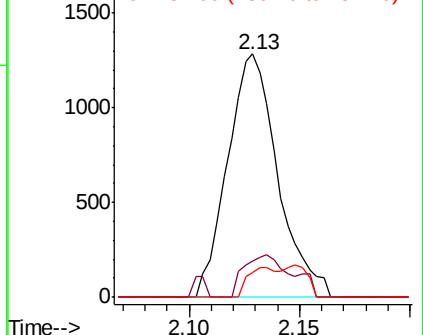
151 7.9 71.4 107.2#



Abundance Ion 101.00 (100.70 to 101.70): VV012910.D (-233) (-)

Ion 85.00 (84.70 to 85.70): VV012910.D (-233) (-)

Ion 151.00 (150.70 to 151.70): VV012910.D (-233) (-)



#12

1,1-Dichloroethene

Concen: 0.107 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012910.D

Acq: 18 Sep 2019 23:41

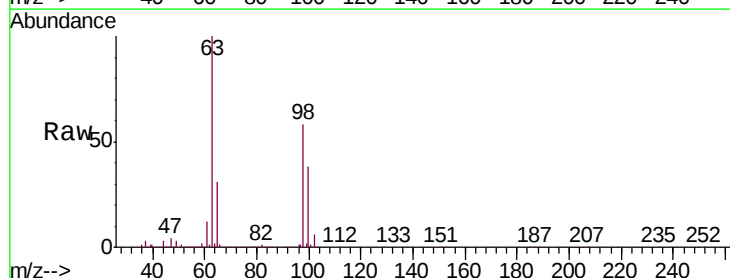
Tgt Ion: 96 Resp: 1739

Ion Ratio Lower Upper

96 100

61 1580.8 127.8 237.4#

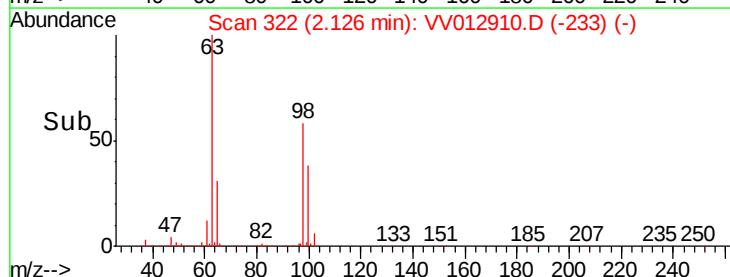
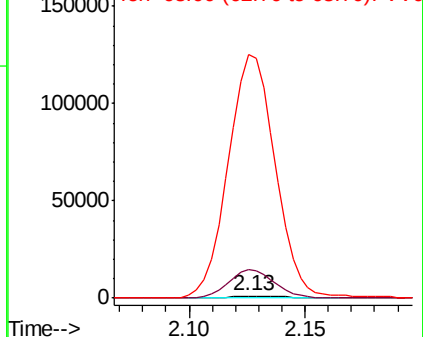
63 13333.3 92.7 172.3#

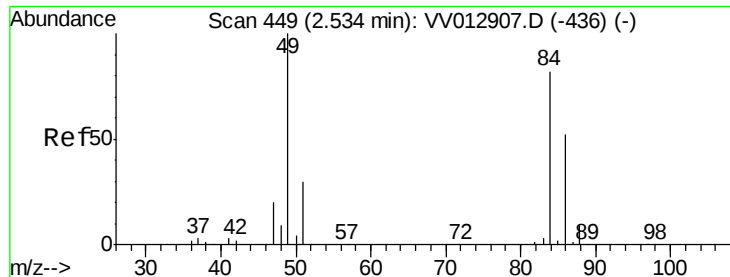


Abundance Ion 96.00 (95.70 to 96.70): VV012910.D (-232) (-)

Ion 61.05 (60.75 to 61.75): VV012910.D (-232) (-)

Ion 63.00 (62.70 to 63.70): VV012910.D (-232) (-)

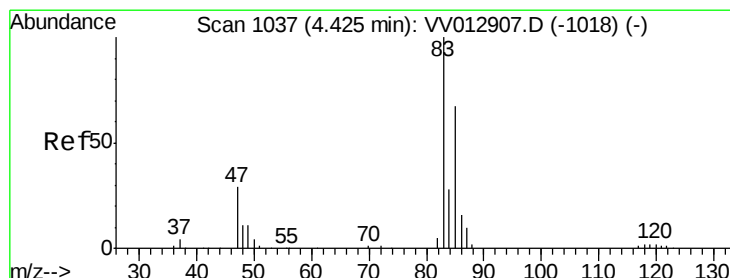
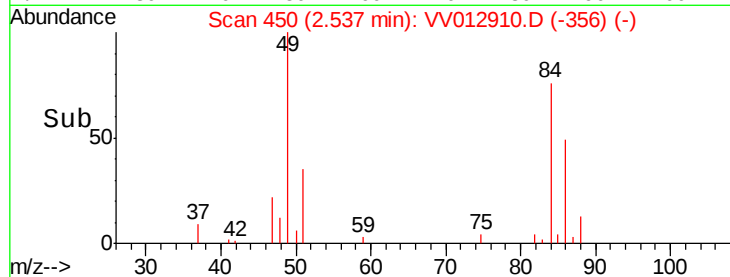
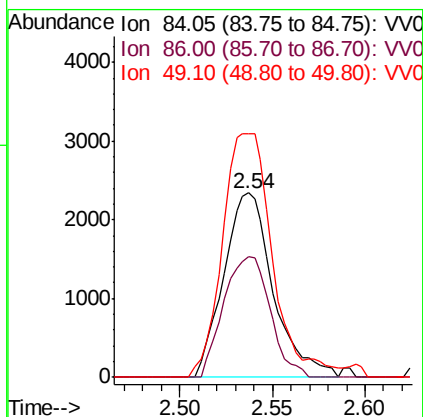
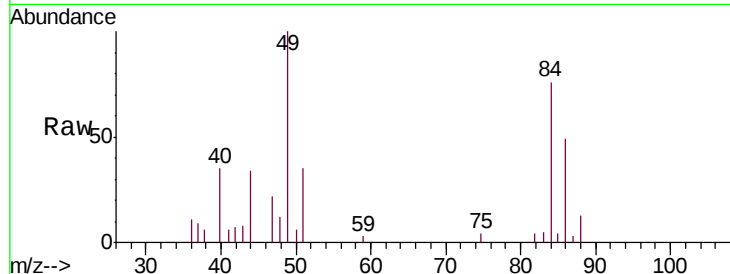




#16
Methylene chloride
Concen: 0.261 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012910.D
Acq: 18 Sep 2019 23:41

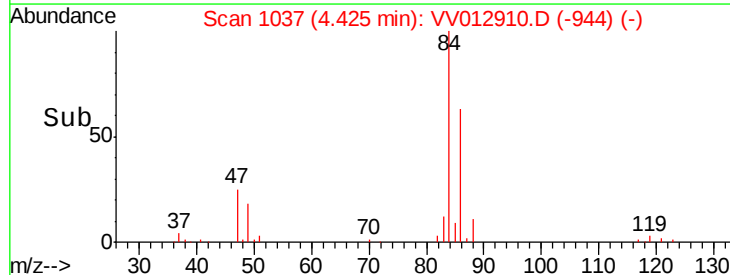
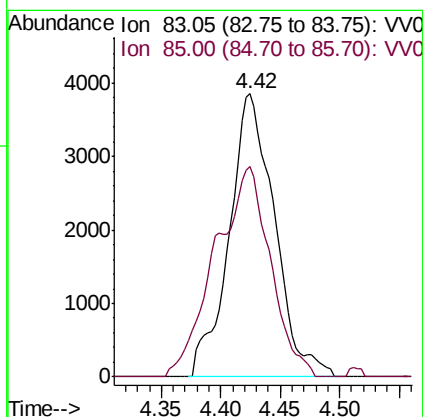
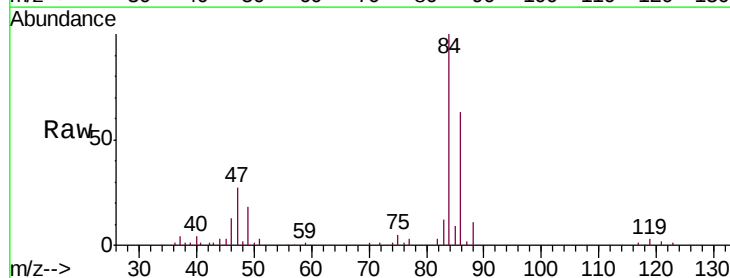
Instrument :
MSVOA_V
ClientSampleId :
VIBLK400

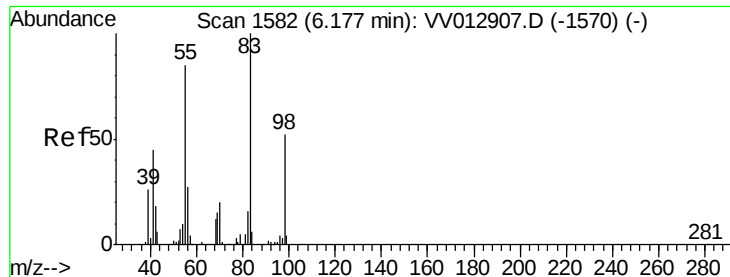
Tgt Ion: 84 Resp: 4340
Ion Ratio Lower Upper
84 100
86 65.2 44.9 83.3
49 131.9 78.6 146.0



#25
Chloroform
Concen: 0.194 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012910.D
Acq: 18 Sep 2019 23:41

Tgt Ion: 83 Resp: 10174
Ion Ratio Lower Upper
83 100
85 74.6 45.2 84.0

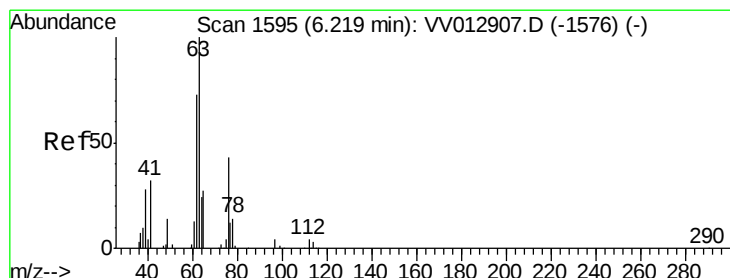
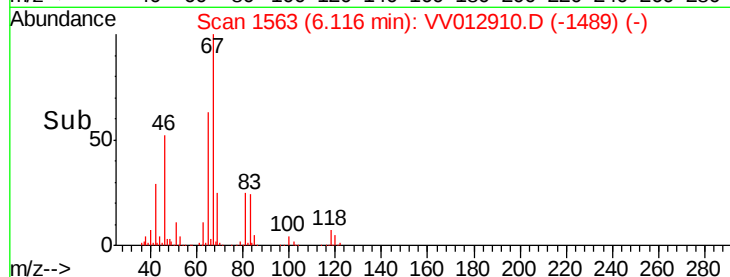
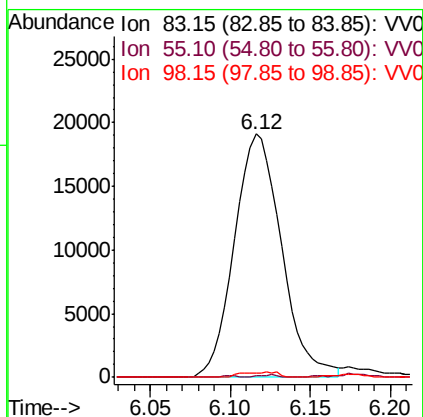
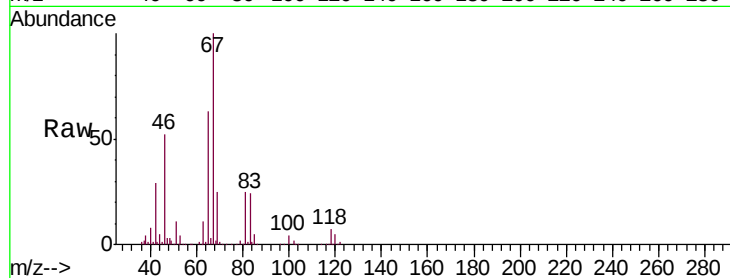




#35
Methylcyclohexane
Concen: 0.895 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012910.D
Acq: 18 Sep 2019 23:41

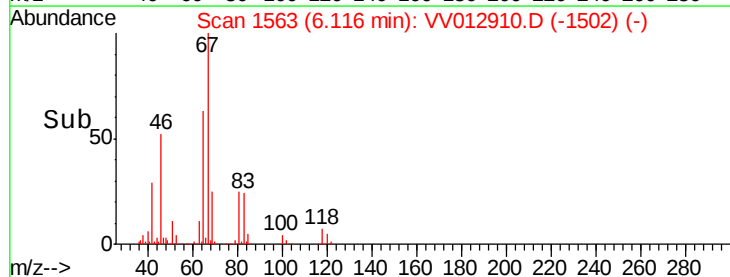
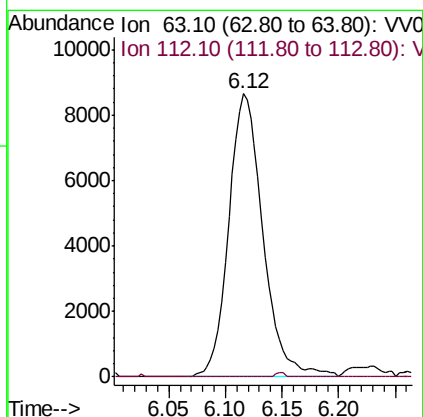
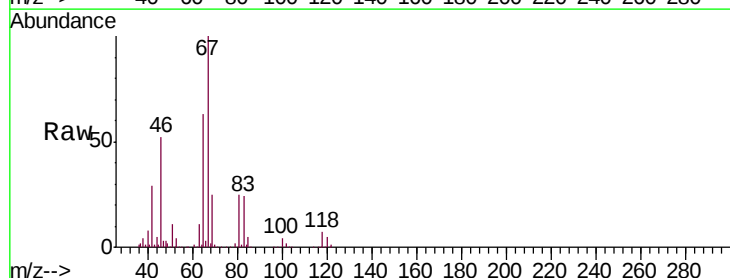
Instrument :
MSVOA_V
ClientSampleId :
VIBLK400

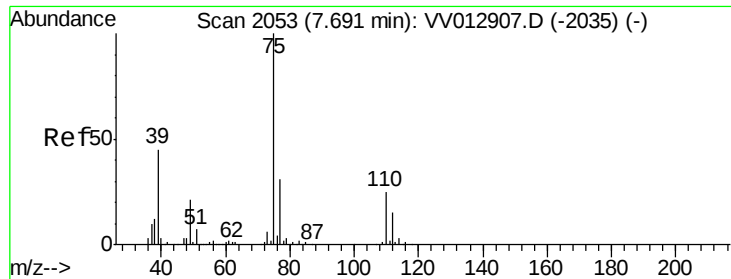
Tgt Ion: 83 Resp: 38521
Ion Ratio Lower Upper
83 100
55 0.4 60.1 90.1#
98 1.5 40.2 60.4#



#37
1,2-Dichloropropane
Concen: 0.819 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012910.D
Acq: 18 Sep 2019 23:41

Tgt Ion: 63 Resp: 18255
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.6#





#44

trans-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012910.D

Acq: 18 Sep 2019 23:41

Instrument :

MSVOA_V

ClientSampled :

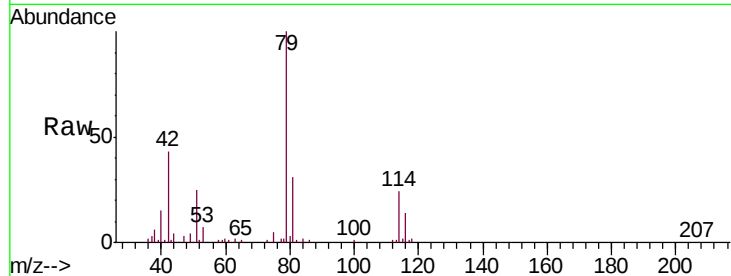
VIBLK400

Tgt Ion: 75 Resp: 2670

Ion Ratio Lower Upper

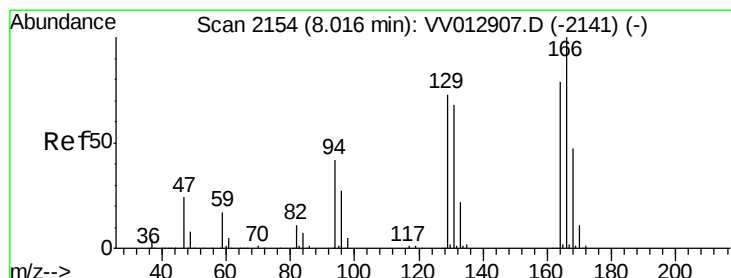
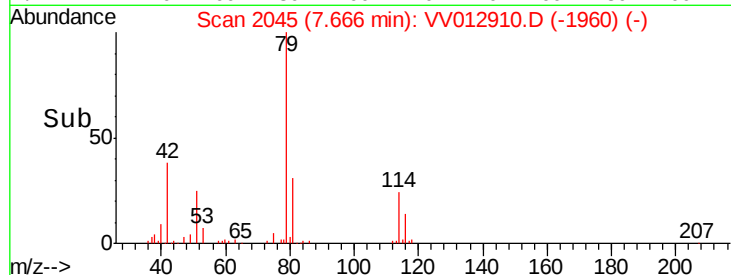
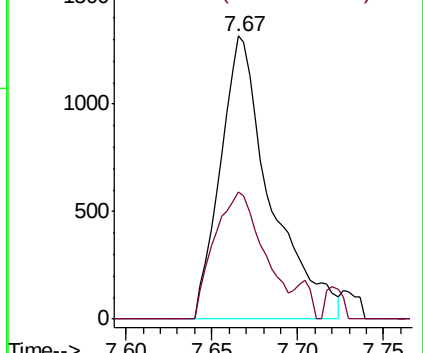
75 100

77 45.0 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VV012907.D (-2035) (-)

Ion 77.05 (76.75 to 77.75): VV012910.D (-1960) (-)



#47

Tetrachloroethene

Concen: 0.404 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012910.D

Acq: 18 Sep 2019 23:41

Tgt Ion: 164 Resp: 9690

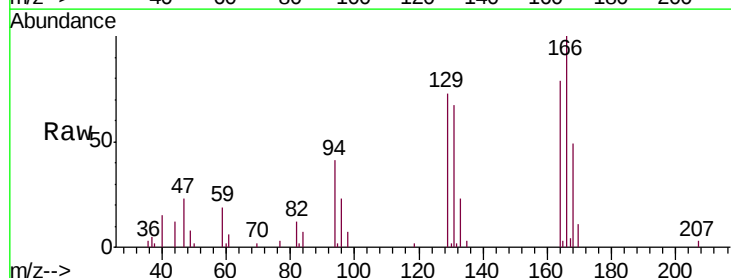
Ion Ratio Lower Upper

164 100

129 92.3 61.9 114.9

131 85.8 59.4 110.4

166 127.2 89.6 166.4

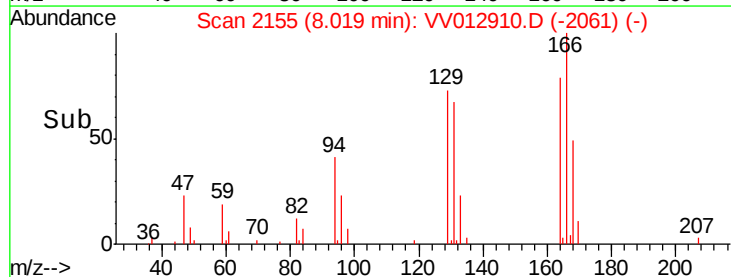
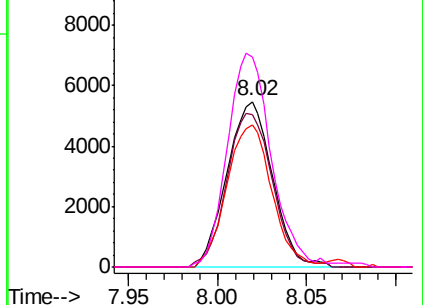


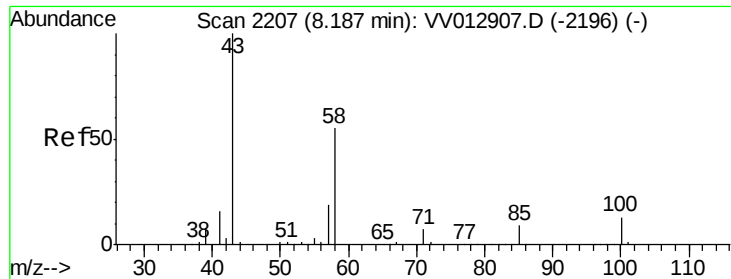
Abundance Ion 163.90 (163.60 to 164.60): VV012907.D (-2141) (-)

Ion 128.95 (128.65 to 129.65): VV012910.D (-2061) (-)

Ion 130.95 (130.65 to 131.65): VV012910.D (-2061) (-)

Ion 165.90 (165.60 to 166.60): VV012910.D (-2061) (-)

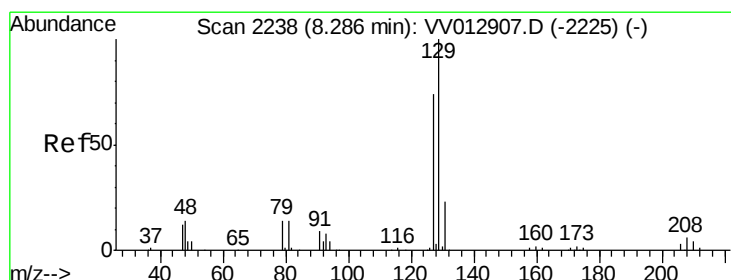
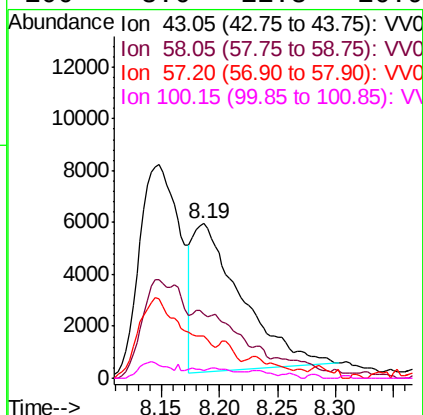
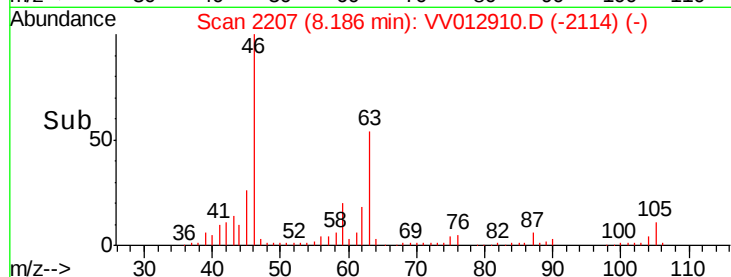
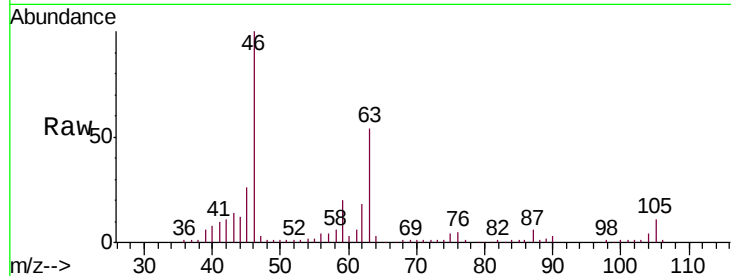




#48
2-Hexanone
Concen: 1.892 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VV012910.D
Acq: 18 Sep 2019 23:41

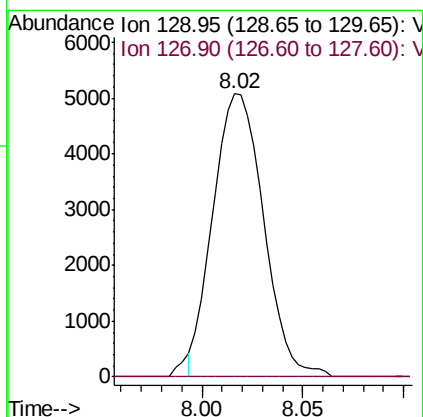
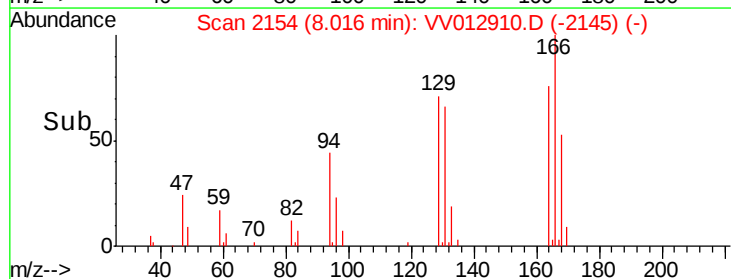
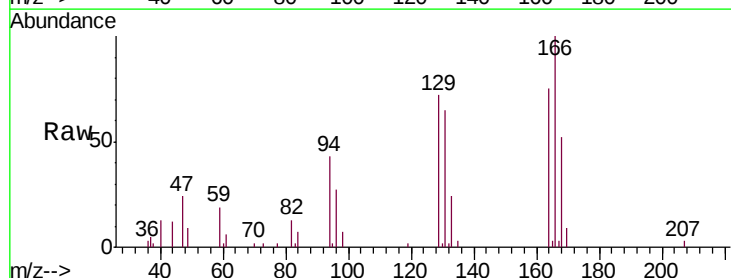
Instrument :
MSVOA_V
ClientSampleId :
VIBLK400

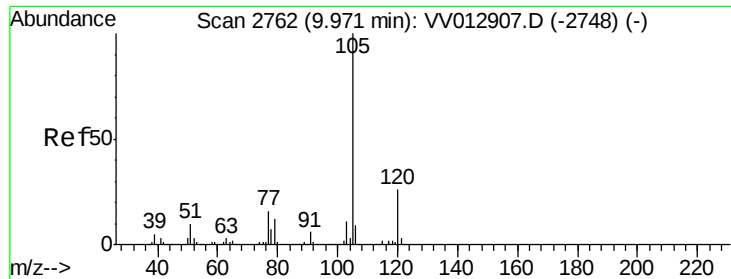
Tgt Ion:	43	Resp:	16811
Ion	Ratio	Lower	Upper
43	100		
58	0.0	44.1	66.1#
57	9.0	16.1	24.1#
100	3.6	11.3	16.9#



#49
Dibromochloromethane
Concen: 0.425 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012910.D
Acq: 18 Sep 2019 23:41

Tgt Ion:	129	Resp:	8858
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	102.8#





#60

Isopropylbenzene

Concen: 0.016 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. -0.00 min

Lab File: VV012910.D

Acq: 18 Sep 2019 23:41

Instrument :

MSVOA_V

ClientSampleId :

VIBLK400

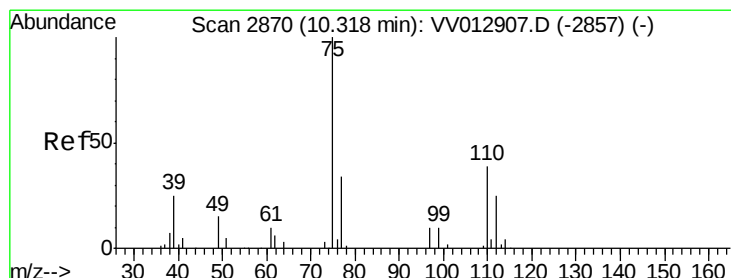
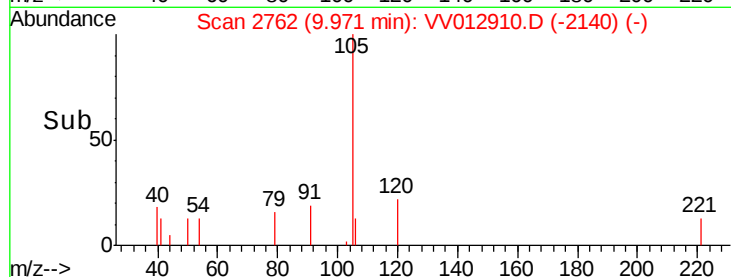
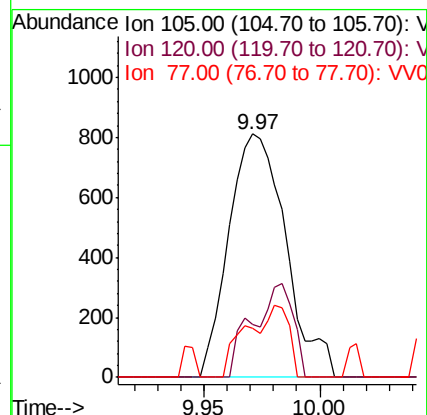
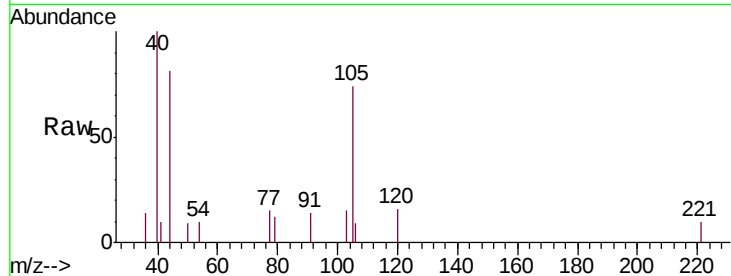
Tgt Ion: 105 Resp: 1387

Ion Ratio Lower Upper

105 100

120 27.0 21.5 32.3

77 21.8 12.3 18.5#



#61

1,2,3-Trichloropropane

Concen: 1.560 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV012910.D

Acq: 18 Sep 2019 23:41

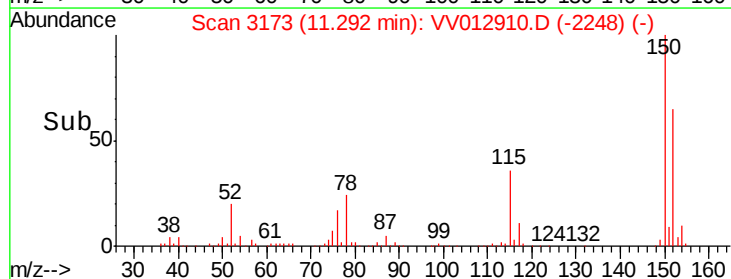
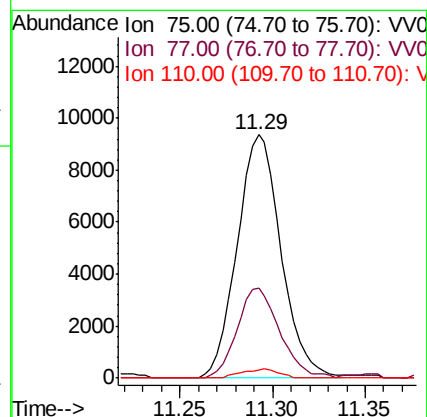
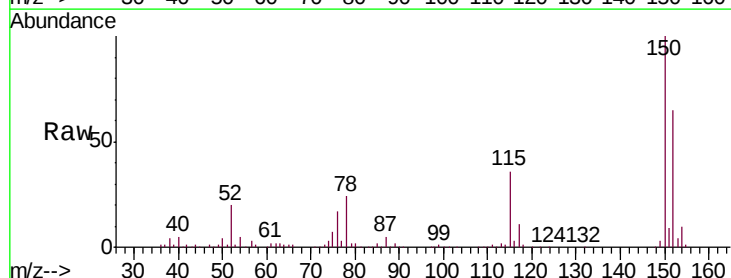
Tgt Ion: 75 Resp: 15376

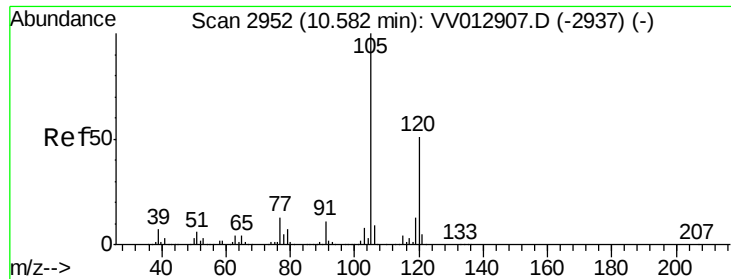
Ion Ratio Lower Upper

75 100

77 36.0 26.8 40.2

110 3.2 35.0 52.6#

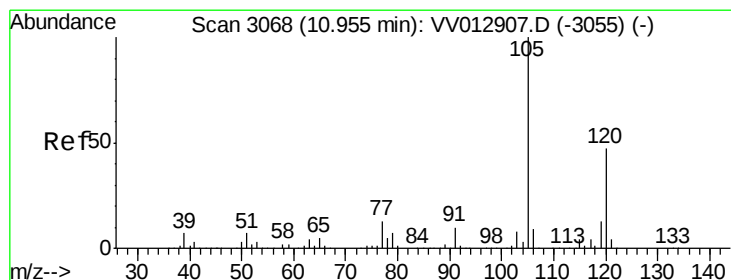
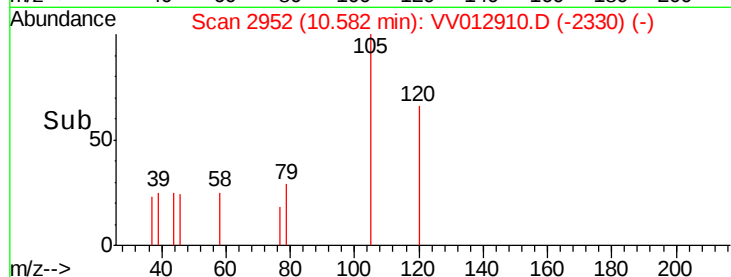
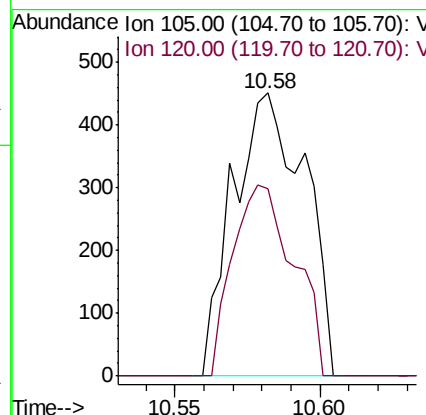
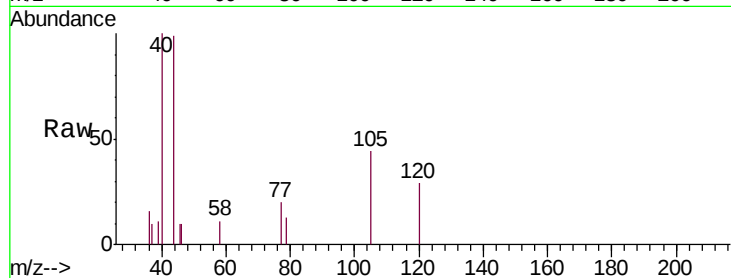




#62
 1,3,5-Trimethylbenzene
 Concen: 0.011 ug/L
 RT: 10.58 min Scan# 2952
 Delta R.T. -0.00 min
 Lab File: VV012910.D
 Acq: 18 Sep 2019 23:41

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK400

Tgt Ion:105 Resp: 775
 Ion Ratio Lower Upper
 105 100
 120 57.5 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 0.013 ug/L
 RT: 10.95 min Scan# 3068
 Delta R.T. -0.00 min
 Lab File: VV012910.D
 Acq: 18 Sep 2019 23:41

Tgt Ion:105 Resp: 927
 Ion Ratio Lower Upper
 105 100
 120 22.1 35.8 53.8#

