

Data File : VV011884.D
Acq On : 15 Jul 2019 12:34
Operator : SY/MD
Sample : VV0715WBL01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK48

Quant Time: Jul 16 03:59:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 16 03:56:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	181053	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177725	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76629	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59005	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.58	69	50643	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	86851	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	3.96	46	144308	50.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.08%
24) Chloroform-d	4.40	84	112377	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	61547	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.10	84	227549	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	71030	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.36	98	196616	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.67	79	22469	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.14	63	93524	43.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40395	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	68268	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

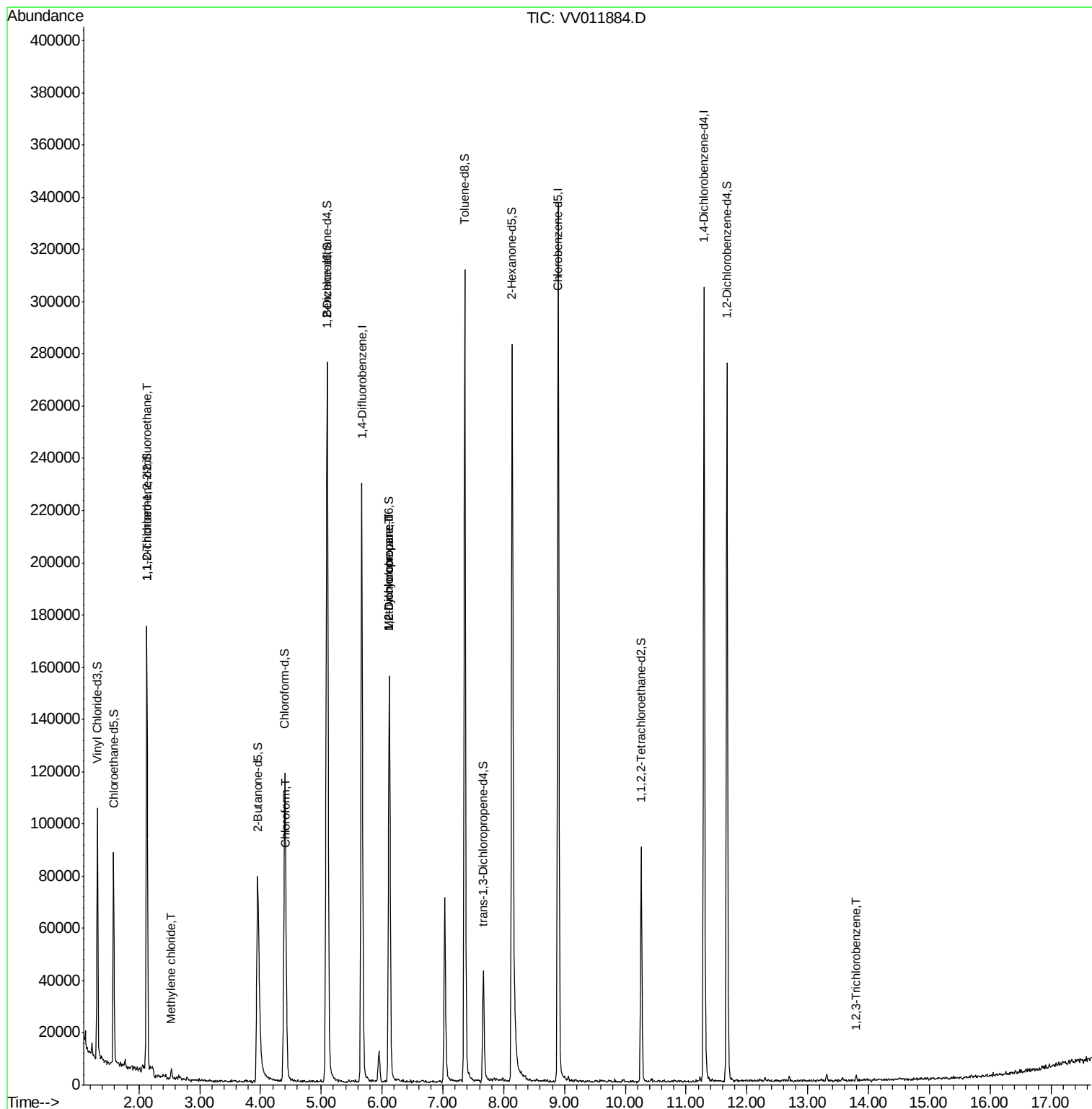
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	943	0.089	ug/L #	19
16) Methylene chloride	2.53	84	1326	0.129	ug/L	79
25) Chloroform	4.43	83	5316	0.199	ug/L	99
35) Methylcyclohexane	6.12	83	17245	0.744	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8471	0.612	ug/L #	84
70) 1,2,3-Trichlorobenzene	13.80	180	727	0.052	ug/L #	73

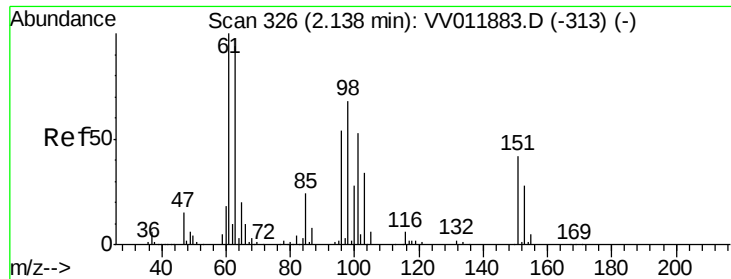
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.089 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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Acq: 15 Jul 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

VBLK48

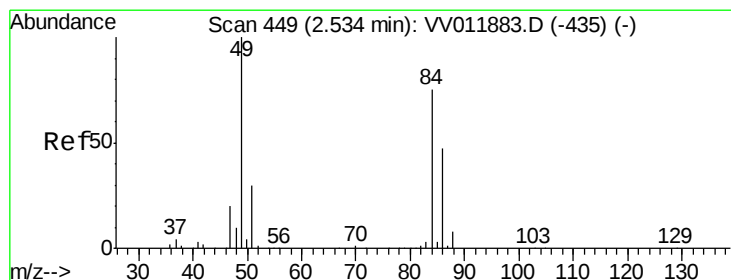
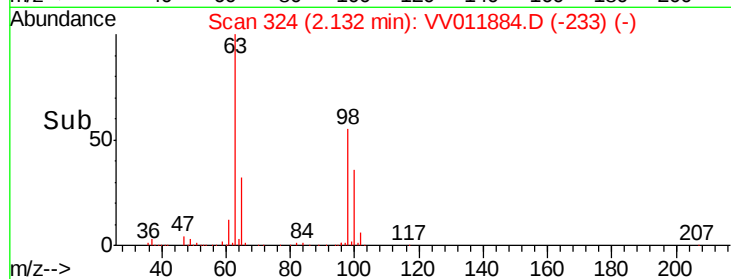
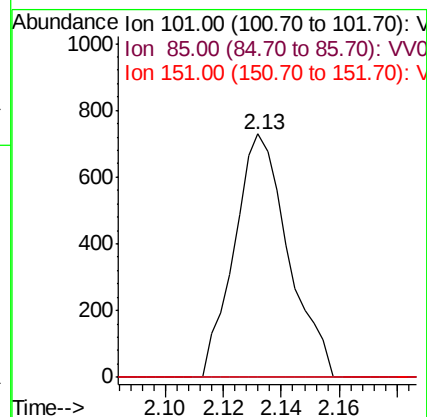
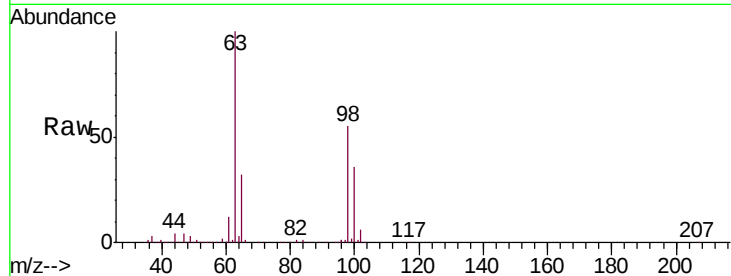
Tgt Ion: 101 Resp: 943

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 60.8 91.2#



#16

Methylene chloride

Concen: 0.129 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV011884.D

Acq: 15 Jul 2019 12:34

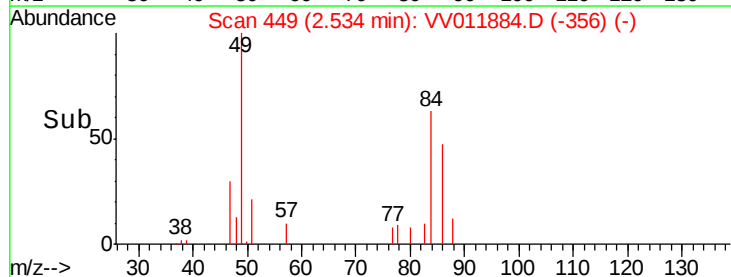
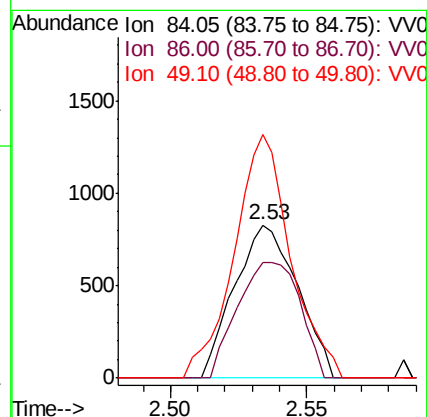
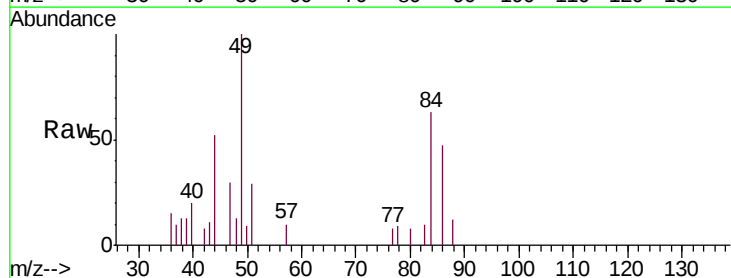
Tgt Ion: 84 Resp: 1326

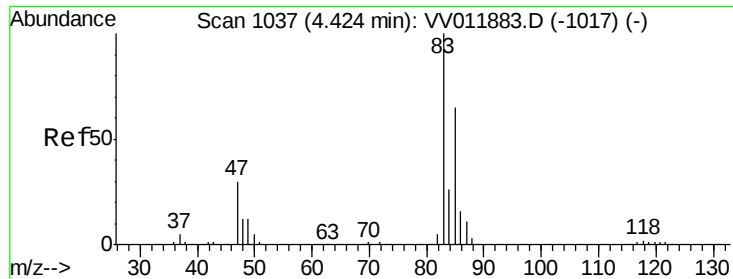
Ion Ratio Lower Upper

84 100

86 75.1 43.9 81.5

49 159.1 92.6 172.0

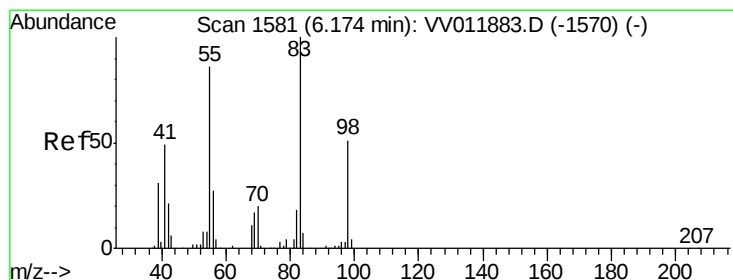
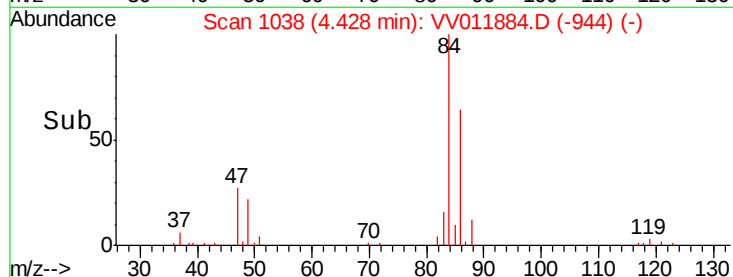
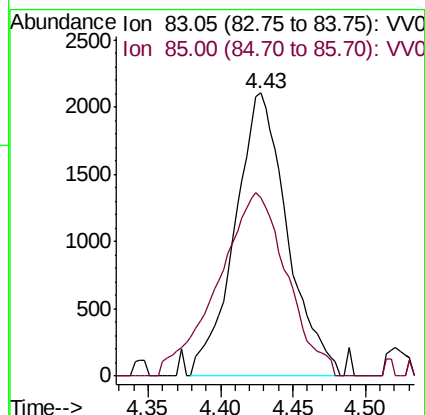
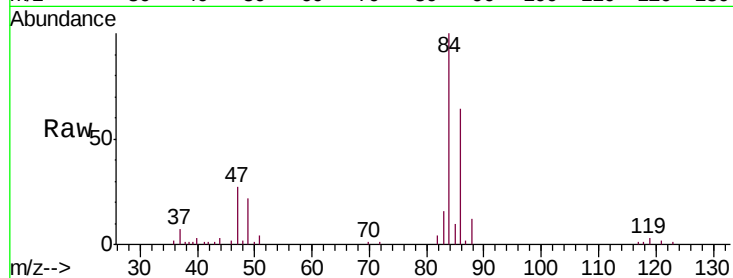




#25
Chloroform
Concen: 0.199 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV011884.D
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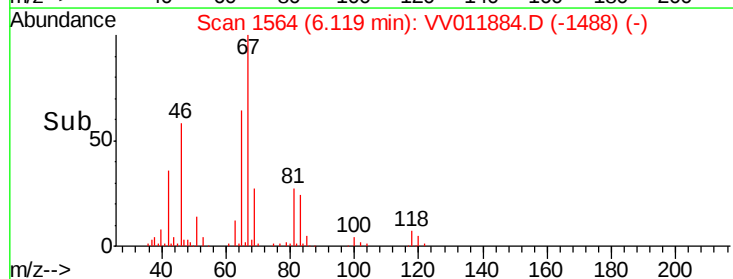
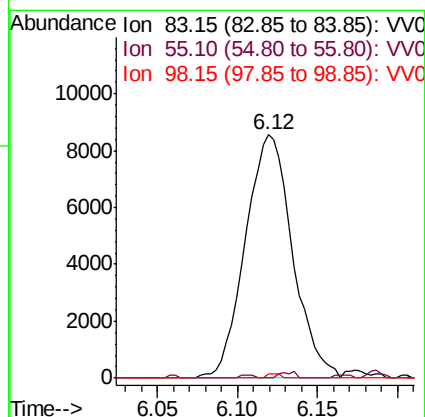
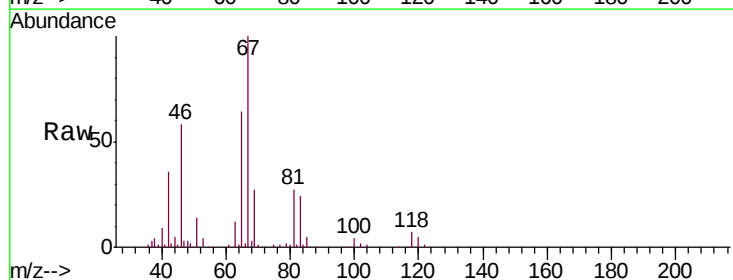
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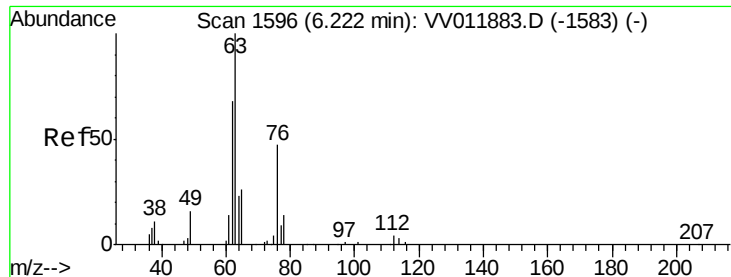
Tgt Ion: 83 Resp: 5316
Ion Ratio Lower Upper
83 100
85 63.1 43.8 81.4



#35
Methylcyclohexane
Concen: 0.744 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011884.D
Acq: 15 Jul 2019 12:34

Tgt Ion: 83 Resp: 17245
Ion Ratio Lower Upper
83 100
55 0.4 63.6 95.4#
98 0.5 39.1 58.7#





#37

1,2-Dichloropropane

Concen: 0.612 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV011884.D

Acq: 15 Jul 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

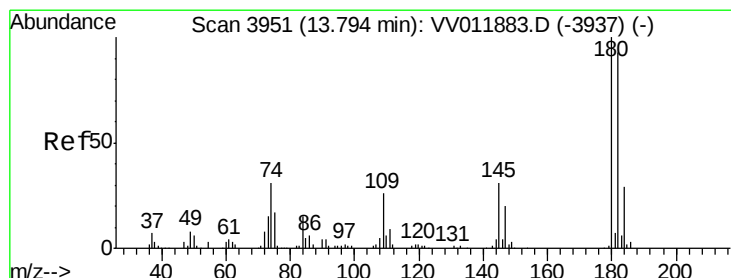
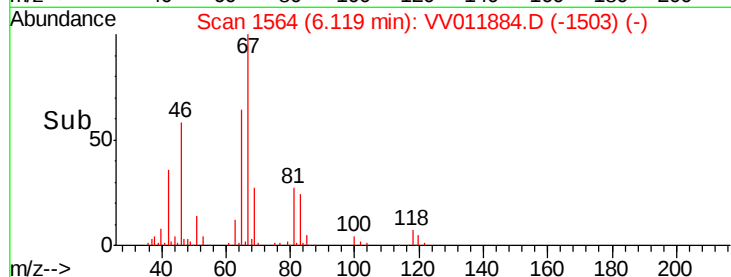
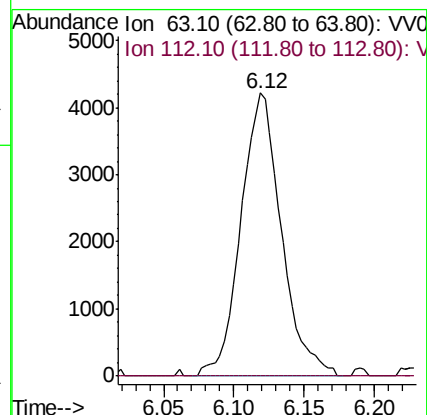
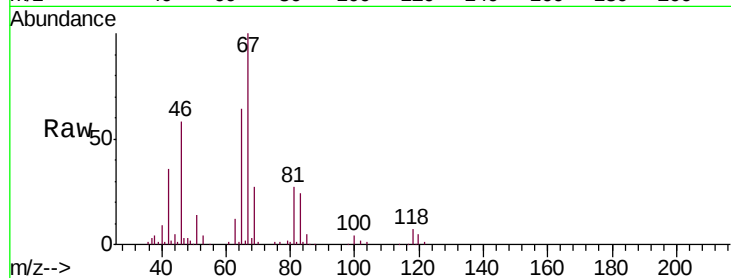
VBLK48

Tgt Ion: 63 Resp: 8471

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#70

1,2,3-Trichlorobenzene

Concen: 0.052 ug/L

RT: 13.80 min Scan# 3953

Delta R.T. 0.01 min

Lab File: VV011884.D

Acq: 15 Jul 2019 12:34

Tgt Ion: 180 Resp: 727

Ion Ratio Lower Upper

180 100

182 75.0 75.0 112.6#

145 5.8 25.9 38.9#

