

Data File : VV012908.D
Acq On : 18 Sep 2019 22:50
Operator : SY/MD
Sample : VV0919WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK001

Quant Time: Sep 19 05:17:30 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	5.73	114	372426	5.00	ug/L	0.07
28) Chlorobenzene-d5	8.91	117	357778	5.00	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.30	152	138111	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.35	65	141492	6.71	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	134.20%#
7) Chloroethane-d5	1.63	69	70747	4.79	ug/L	0.05
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.19	63	155422	4.07	ug/L	0.06
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	4.08	46	348407	72.78	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.56%#
24) Chloroform-d	4.48	84	261111	5.73	ug/L	0.08
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
26) 1,2-Dichloroethane-d4	5.17	65	133952	5.44	ug/L	0.09
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.18	84	517839	5.75	ug/L	0.08
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
36) 1,2-Dichloropropane-d6	6.17	67	167793	6.66	ug/L	0.06
Spiked Amount	5.000	Range	60 - 140	Recovery	=	133.20%
41) Toluene-d8	7.39	98	407741	4.66	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.69	79	51464	4.67	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.16	63	233644	59.95	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.90%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	115933	6.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.60%#
66) 1,2-Dichlorobenzene-d4	11.67	152	141701	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

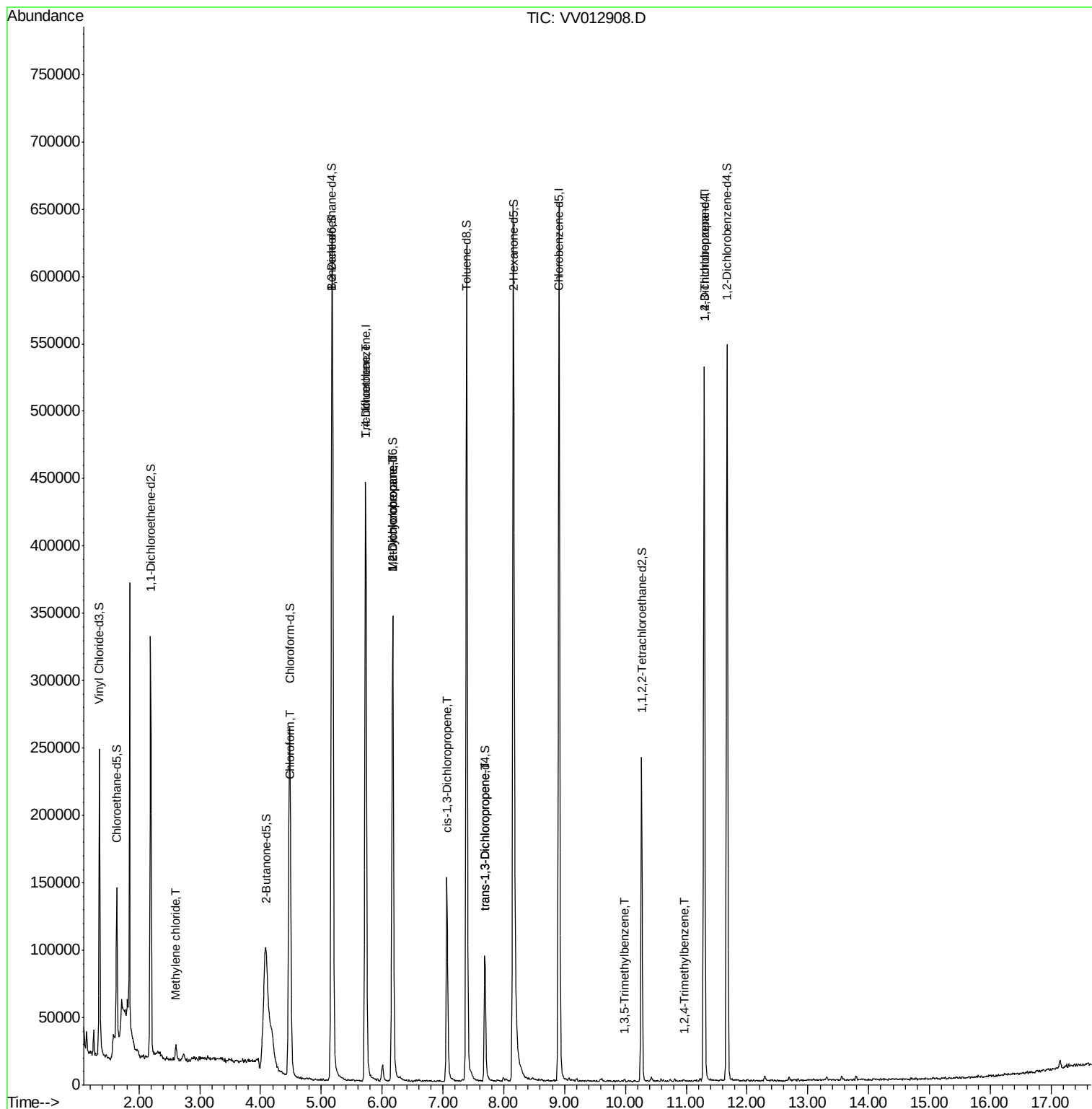
					Qvalue
16) Methylene chloride	2.61	84	4717	0.269 ug/L	91
25) Chloroform	4.50	83	9569	0.173 ug/L	85
34) Trichloroethene	5.73	95	11148	0.402 ug/L #	4
35) Methylcyclohexane	6.17	83	38333	0.883 ug/L #	19
37) 1,2-Dichloropropane	6.17	63	17253	0.767 ug/L #	86
39) cis-1,3-Dichloropropene	7.06	75	3988	0.113 ug/L #	33
44) trans-1,3-Dichloropropene	7.69	75	2388	0.084 ug/L #	74
61) 1,2,3-Trichloropropane	11.29	75	16394	1.629 ug/L #	63
62) 1,3,5-Trimethylbenzene	9.98	105	521	0.007 ug/L	96
63) 1,2,4-Trimethylbenzene	10.96	105	674	0.009 ug/L	90

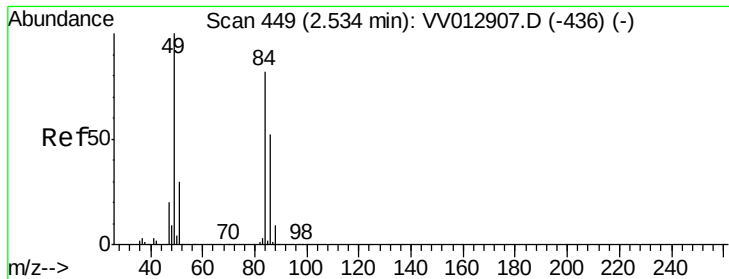
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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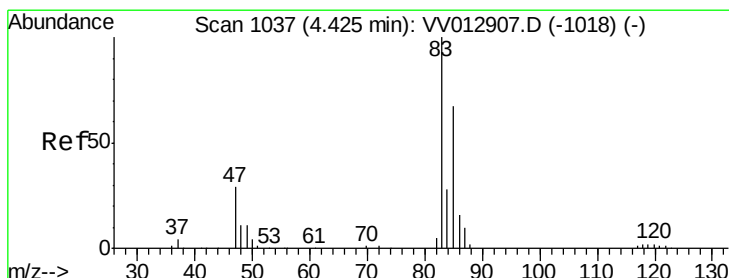
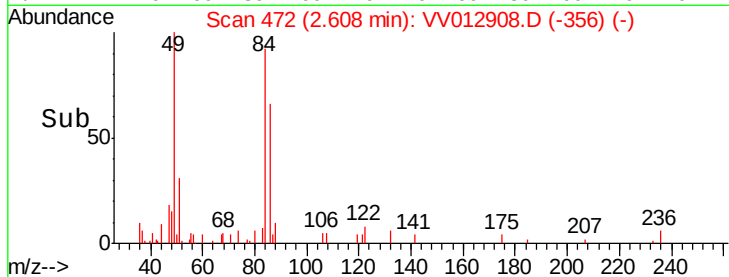
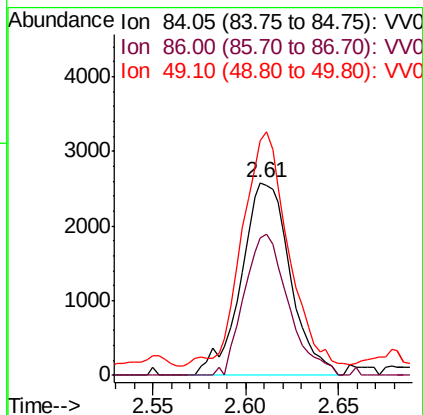
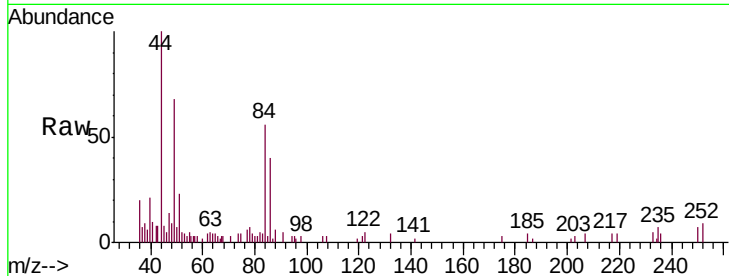




#16
Methylene chloride
Concen: 0.269 ug/L
RT: 2.61 min Scan# 472
Delta R.T. 0.07 min
Lab File: VV012908.D
Acq: 18 Sep 2019 22:50

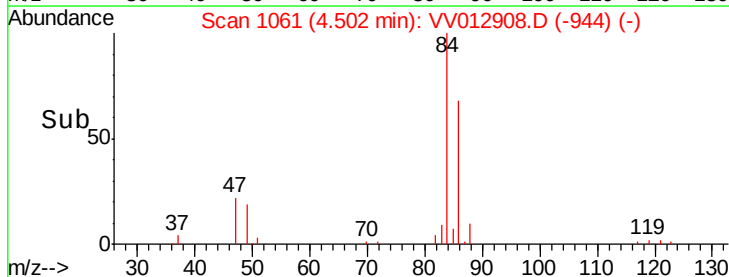
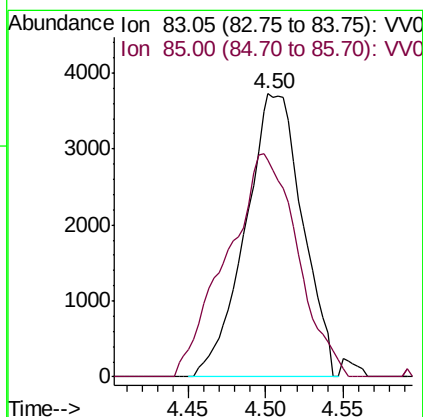
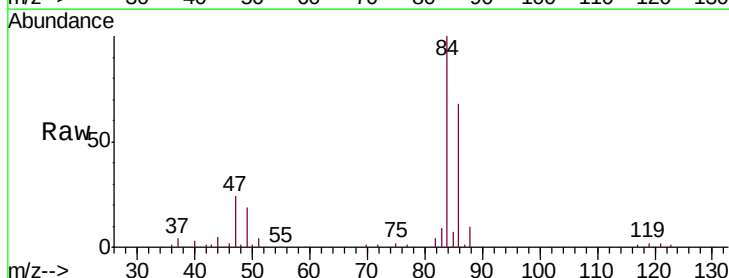
Instrument :
MSVOA_V
ClientSampleId :
VBLK001

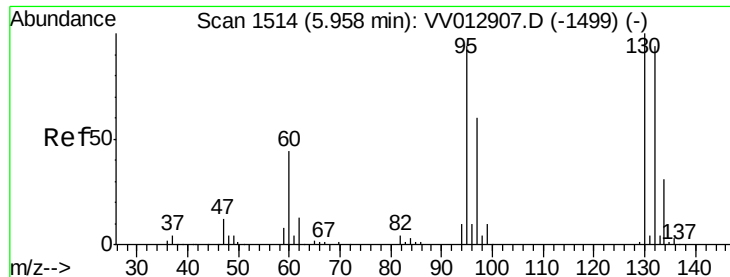
Tgt Ion: 84 Resp: 4717
Ion Ratio Lower Upper
84 100
86 71.6 44.9 83.3
49 121.9 78.6 146.0



#25
Chloroform
Concen: 0.173 ug/L
RT: 4.50 min Scan# 1061
Delta R.T. 0.08 min
Lab File: VV012908.D
Acq: 18 Sep 2019 22:50

Tgt Ion: 83 Resp: 9569
Ion Ratio Lower Upper
83 100
85 76.7 45.2 84.0





#34

Trichloroethene

Concen: 0.402 ug/L

RT: 5.73 min Scan# 1442

Delta R.T. -0.23 min

Lab File: VV012908.D

Acq: 18 Sep 2019 22:50

Instrument :

MSVOA_V

ClientSampleId :

VBLK001

Tgt Ion: 95 Resp: 11148

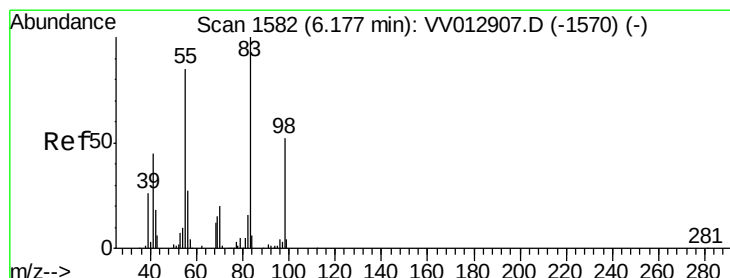
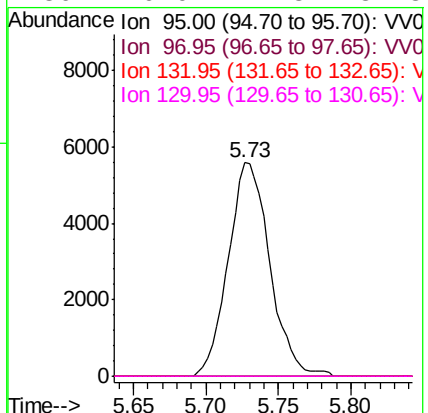
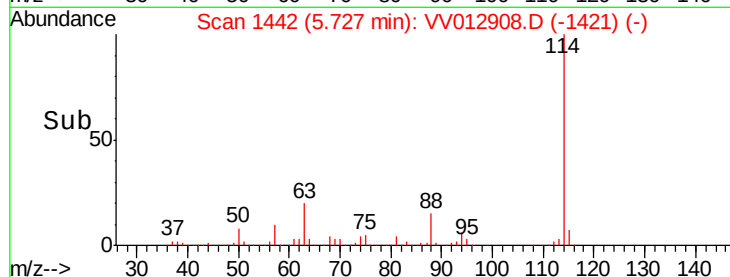
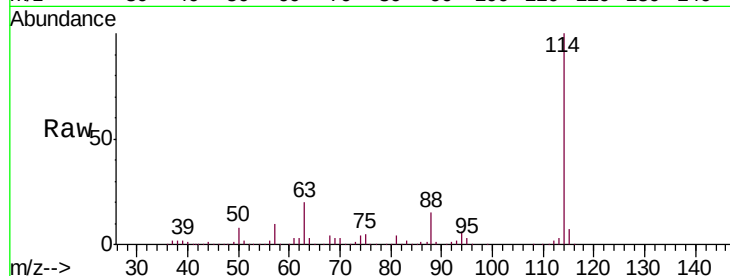
Ion Ratio Lower Upper

95 100

97 0.0 42.8 79.6#

132 0.0 70.8 131.6#

130 0.0 72.3 134.3#



#35

Methylcyclohexane

Concen: 0.883 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VV012908.D

Acq: 18 Sep 2019 22:50

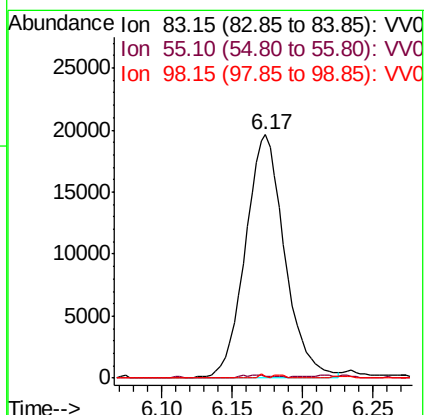
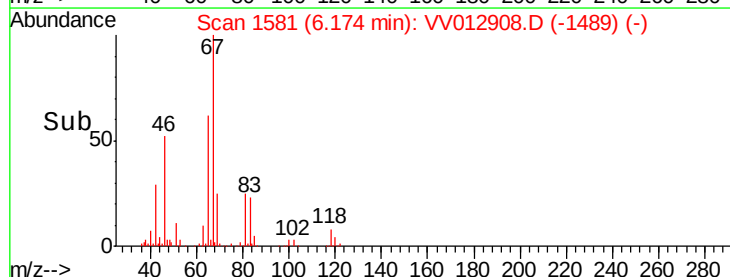
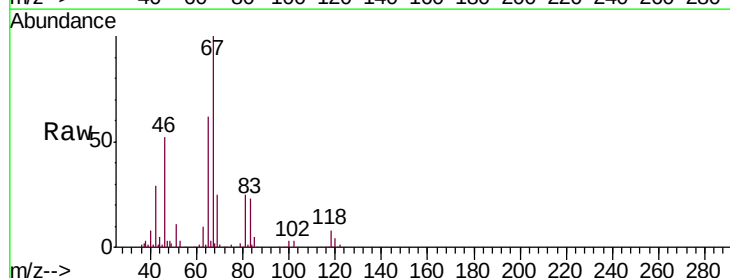
Tgt Ion: 83 Resp: 38333

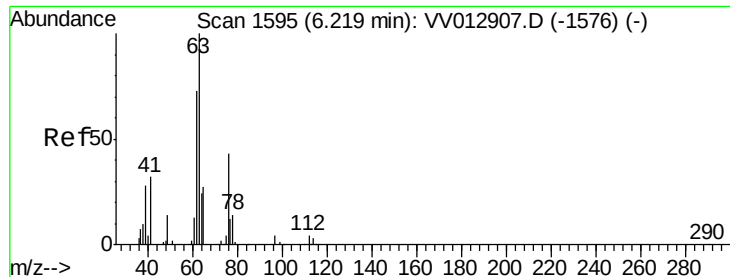
Ion Ratio Lower Upper

83 100

55 0.9 60.1 90.1#

98 0.2 40.2 60.4#

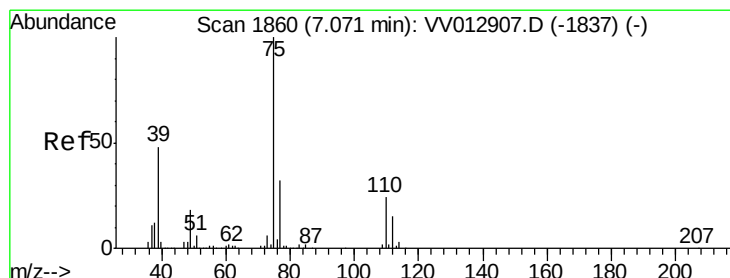
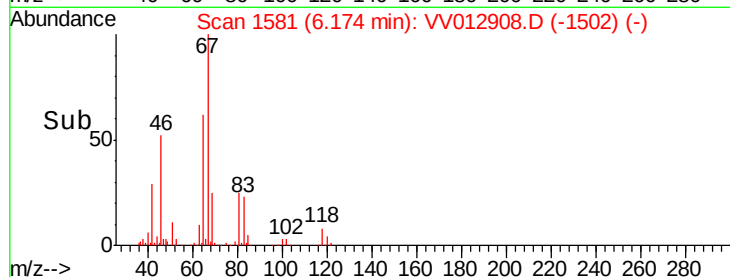
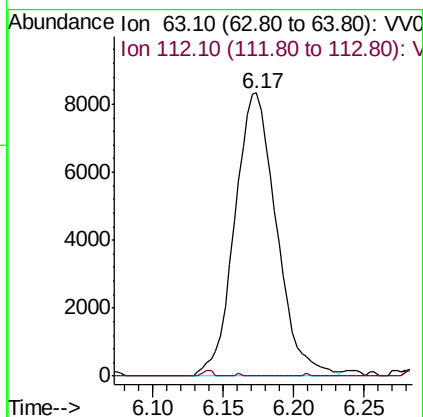
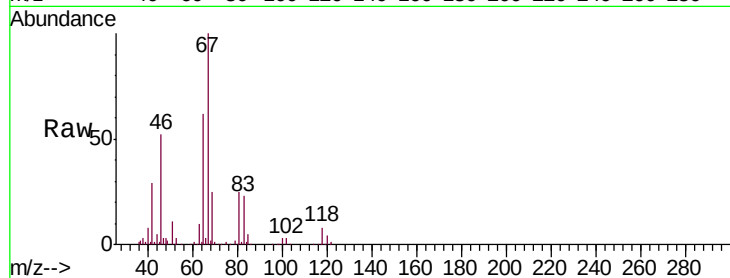




#37
 1,2-Dichloropropane
 Concen: 0.767 ug/L
 RT: 6.17 min Scan# 1581
 Delta R.T. -0.05 min
 Lab File: VV012908.D
 Acq: 18 Sep 2019 22:50

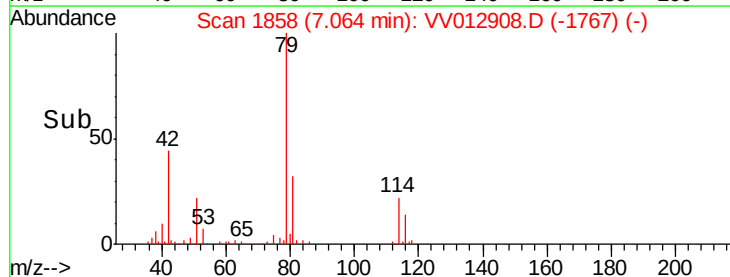
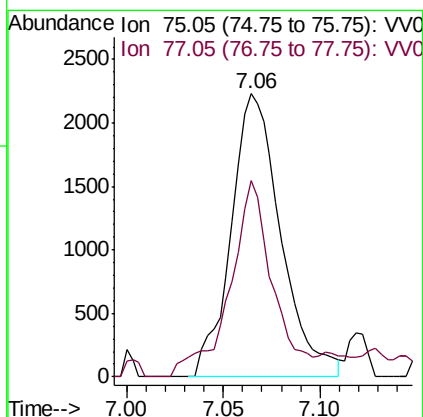
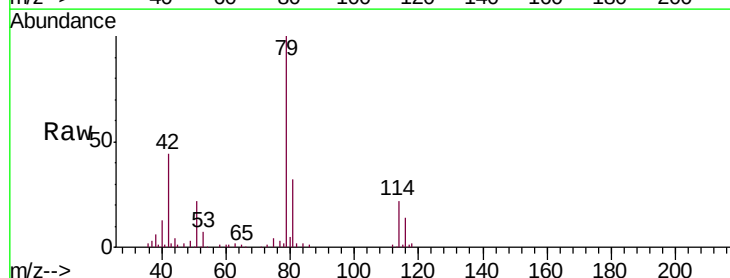
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK001

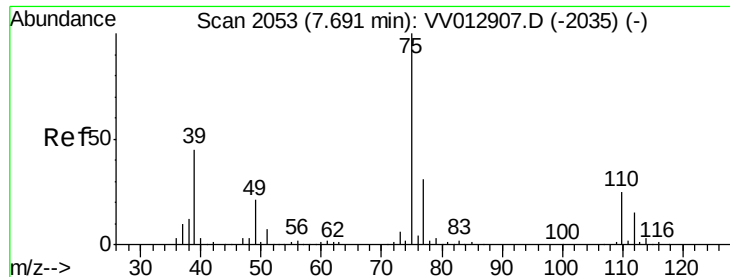
Tgt Ion: 63 Resp: 17253
 Ion Ratio Lower Upper
 63 100
 112 0.1 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.06 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: VV012908.D
 Acq: 18 Sep 2019 22:50

Tgt Ion: 75 Resp: 3988
 Ion Ratio Lower Upper
 75 100
 77 69.5 22.4 41.6#





#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.69 min Scan# 2052

Delta R.T. -0.00 min

Lab File: VV012908.D

Acq: 18 Sep 2019 22:50

Instrument :

MSVOA_V

ClientSampled :

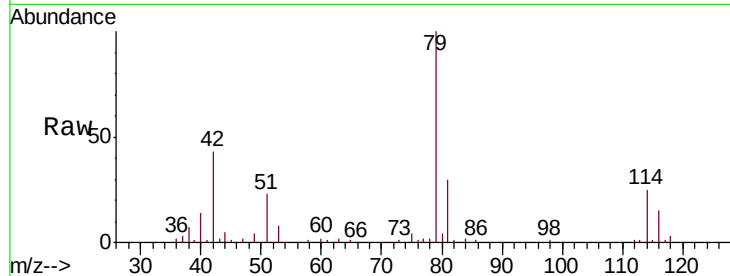
VBLK001

Tgt Ion: 75 Resp: 2388

Ion Ratio Lower Upper

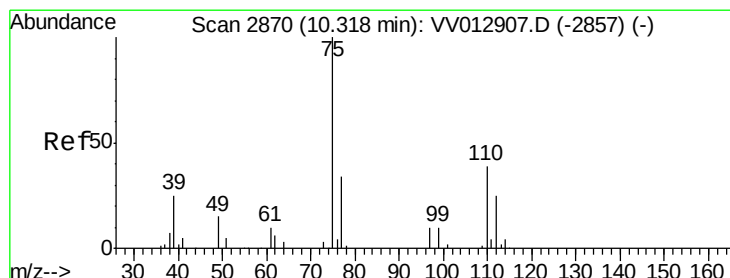
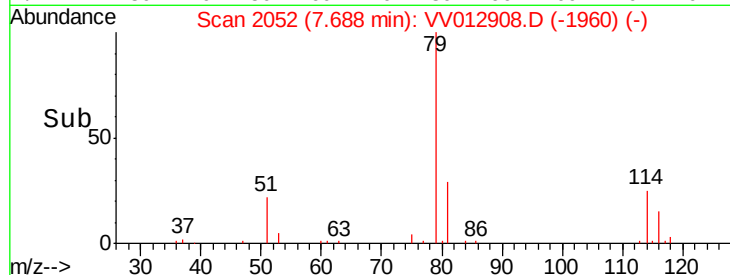
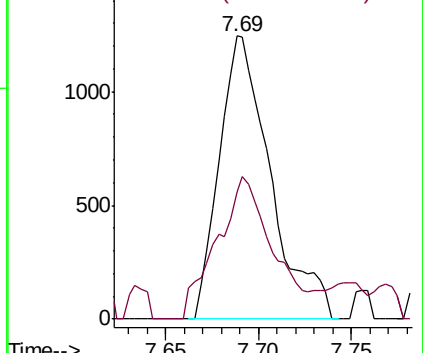
75 100

77 44.9 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#61

1,2,3-Trichloropropane

Concen: 1.629 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV012908.D

Acq: 18 Sep 2019 22:50

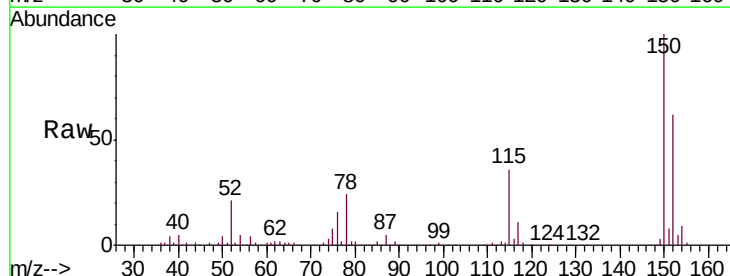
Tgt Ion: 75 Resp: 16394

Ion Ratio Lower Upper

75 100

77 35.7 26.8 40.2

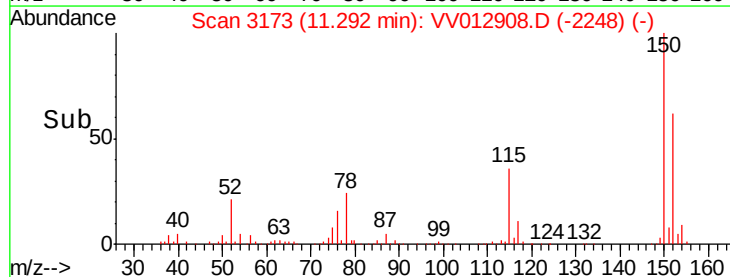
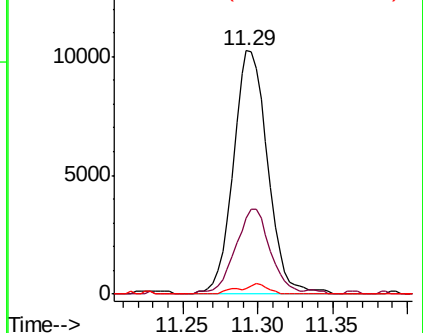
110 3.4 35.0 52.6#

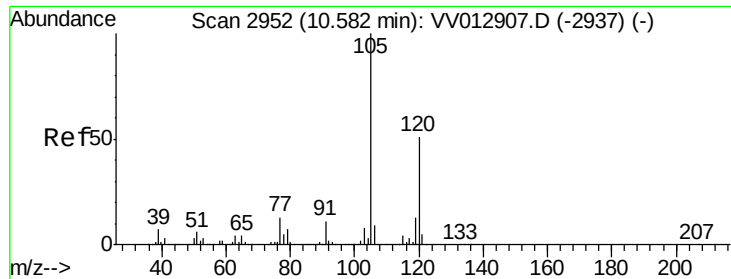


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

Ion 110.00 (109.70 to 110.70): V

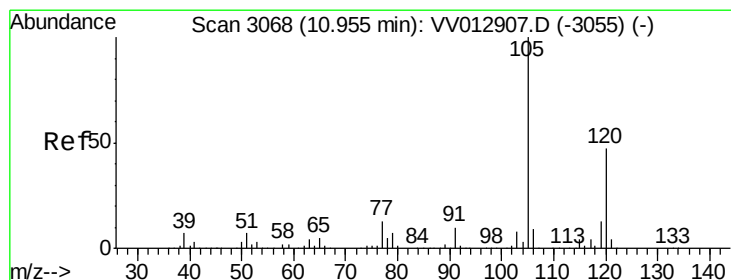
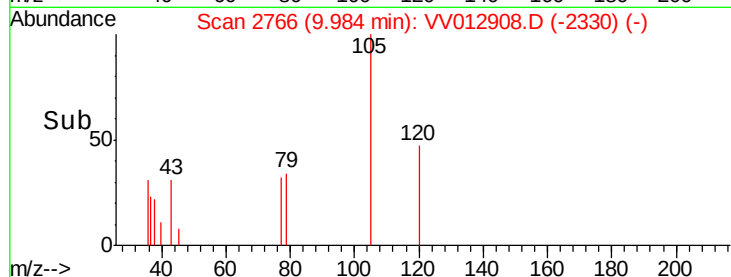
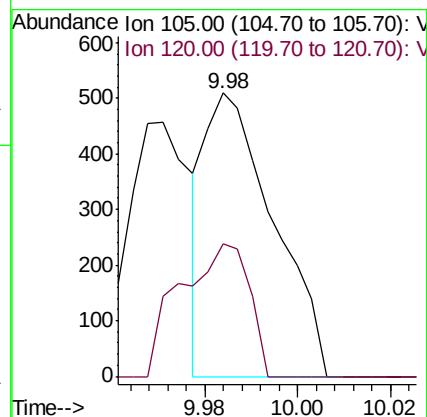
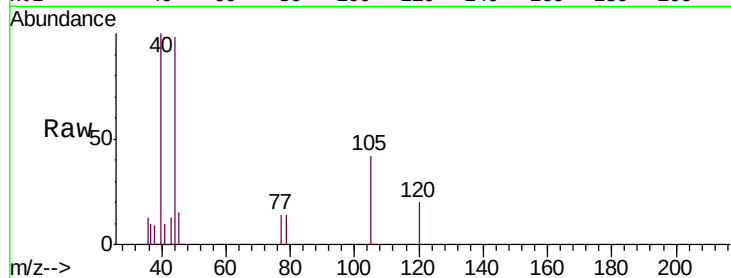




#62
 1,3,5-Trimethylbenzene
 Concen: 0.007 ug/L
 RT: 9.98 min Scan# 2766
 Delta R.T. -0.60 min
 Lab File: VV012908.D
 Acq: 18 Sep 2019 22:50

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK001

Tgt Ion:105 Resp: 521
 Ion Ratio Lower Upper
 105 100
 120 47.0 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 0.009 ug/L
 RT: 10.96 min Scan# 3071
 Delta R.T. 0.01 min
 Lab File: VV012908.D
 Acq: 18 Sep 2019 22:50

Tgt Ion:105 Resp: 674
 Ion Ratio Lower Upper
 105 100
 120 38.6 35.8 53.8

