

Data File : VV012080.D
Acq On : 30 Jul 2019 20:10
Operator : SY/MD
Sample : VV0731WBL01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK60

Quant Time: Jul 31 05:51:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 05:31:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	116483	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	112382	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55161	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26257	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.59	69	20896	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.13	63	43054	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.97	46	76272	50.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.48%
24) Chloroform-d	4.40	84	70348	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.08	65	41619	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.10	84	142316	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	39522	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	131797	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.67	79	16583	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.14	63	61016	51.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27807	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	54804	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

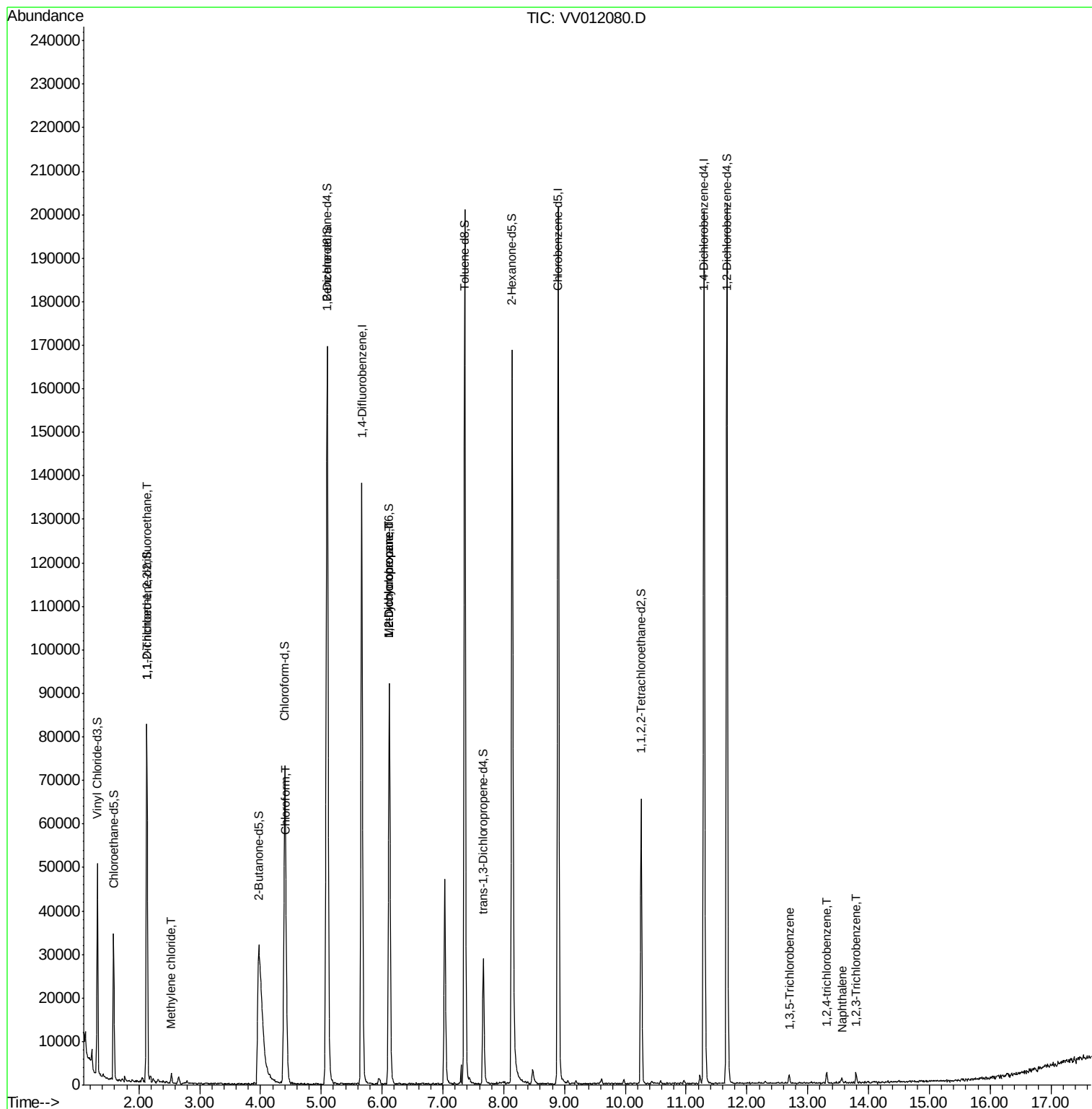
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	535	0.096	ug/L #	32
16) Methylene chloride	2.53	84	612	0.115	ug/L #	76
25) Chloroform	4.43	83	6777	0.385	ug/L	97
35) Methylcyclohexane	6.12	83	10536	0.810	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	4877	0.708	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.69	180	972	0.070	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	1292	0.115	ug/L #	84
69) Naphthalene	13.56	128	1677	0.111	ug/L #	90
70) 1,2,3-Trichlorobenzene	13.79	180	836	0.084	ug/L #	89

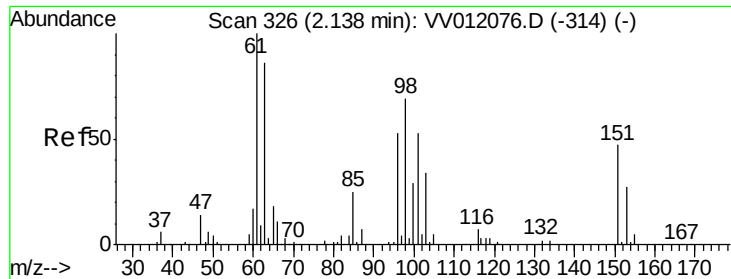
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 31 05:31:06 2019
Response via : Initial Calibration





#10

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

Concen: 0.096 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012080.D

Acq: 30 Jul 2019 20:10

Instrument :

MSVOA_V

ClientSampled :

VBLK60

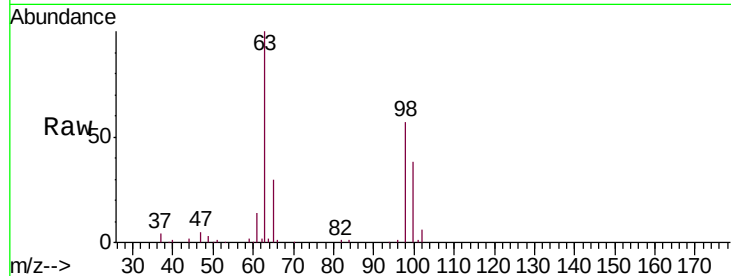
Tgt Ion: 101 Resp: 535

Ion Ratio Lower Upper

101 100

85 0.0 37.4 56.2#

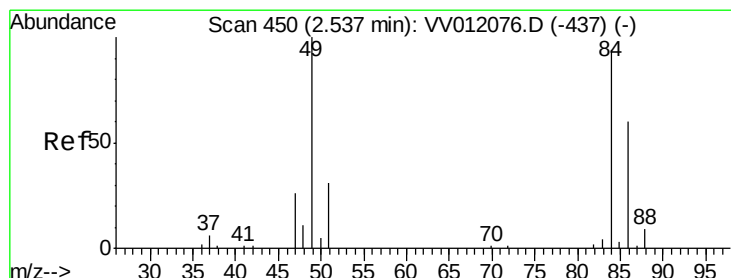
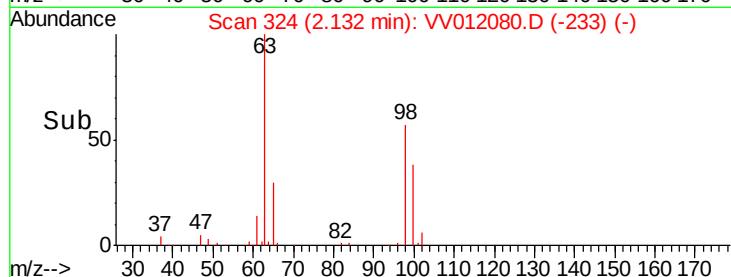
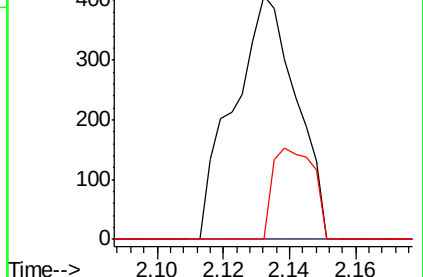
151 24.7 69.1 103.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.115 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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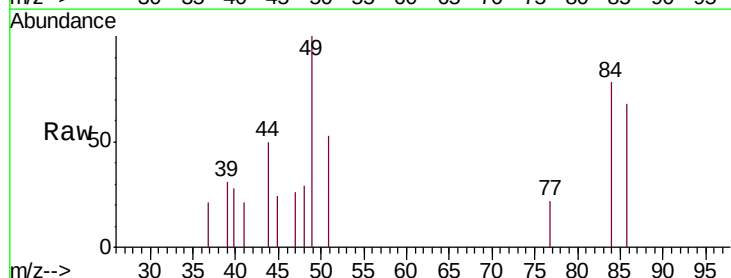
Tgt Ion: 84 Resp: 612

Ion Ratio Lower Upper

84 100

86 87.0 45.0 83.6#

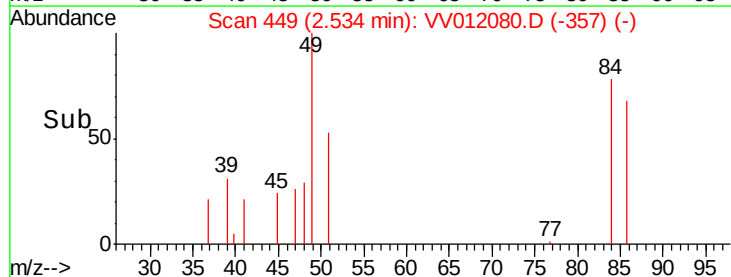
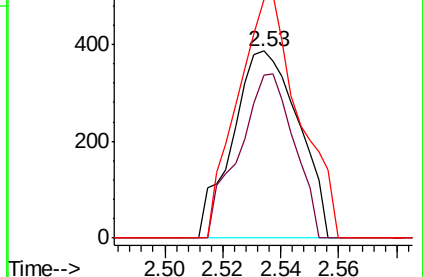
49 127.7 74.4 138.2

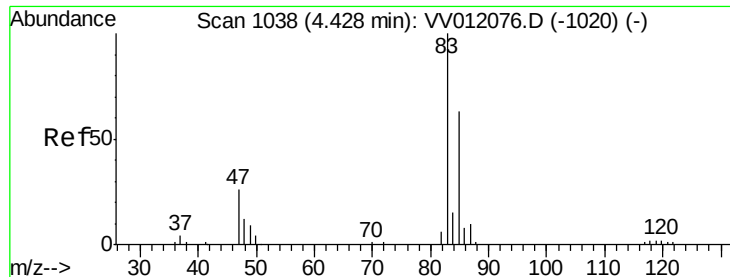


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

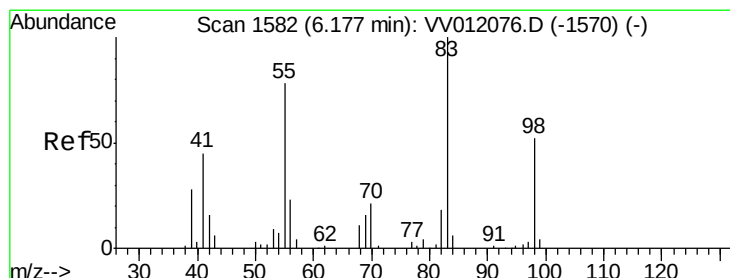
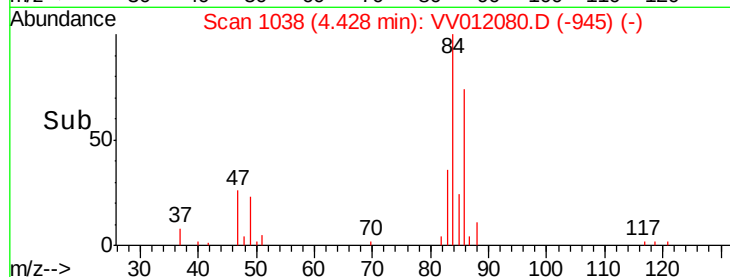
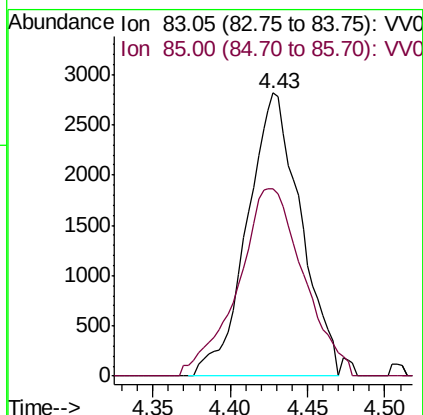
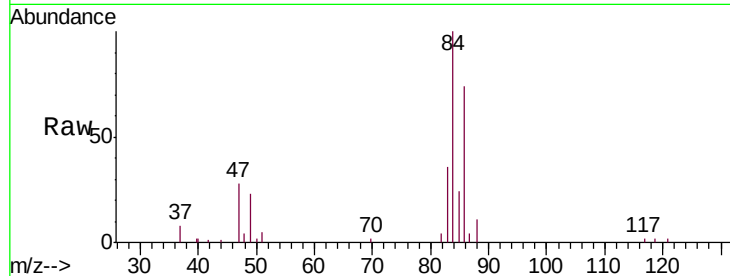




#25
Chloroform
Concen: 0.385 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012080.D
Acq: 30 Jul 2019 20:10

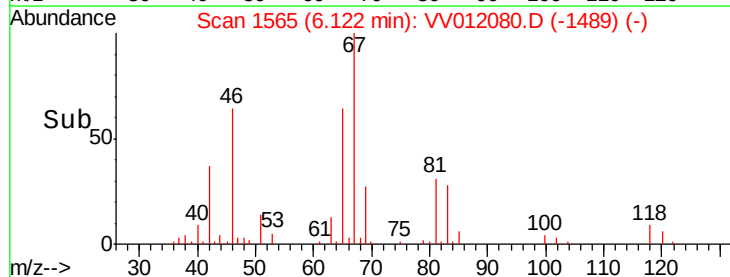
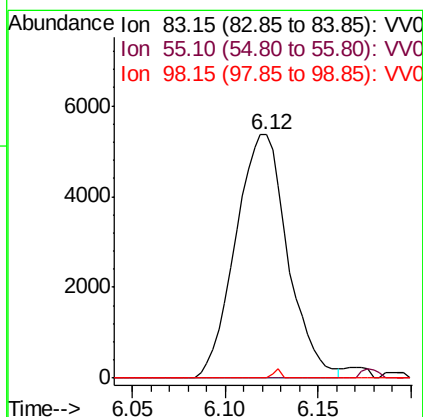
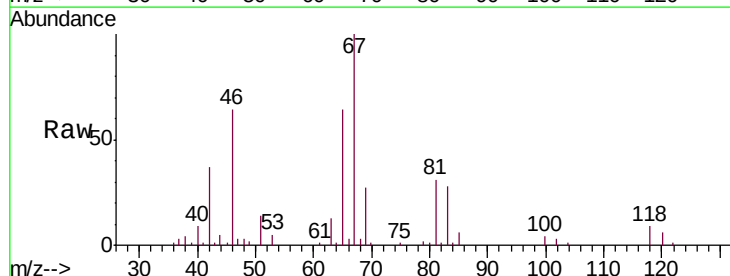
Instrument :
MSVOA_V
ClientSampleId :
VBLK60

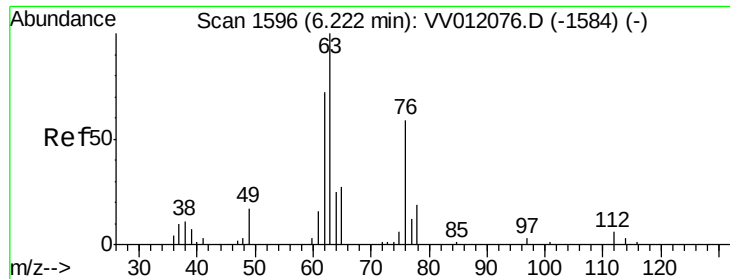
Tgt Ion: 83 Resp: 6777
Ion Ratio Lower Upper
83 100
85 66.2 44.7 83.1



#35
Methylcyclohexane
Concen: 0.810 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV012080.D
Acq: 30 Jul 2019 20:10

Tgt Ion: 83 Resp: 10536
Ion Ratio Lower Upper
83 100
55 1.2 59.9 89.9#
98 0.6 40.8 61.2#





#37

1,2-Dichloropropane

Concen: 0.708 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV012080.D

Acq: 30 Jul 2019 20:10

Instrument :

MSVOA_V

ClientSampleId :

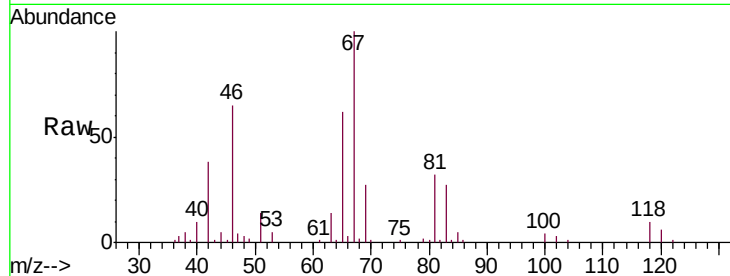
VBLK60

Tgt Ion: 63 Resp: 4877

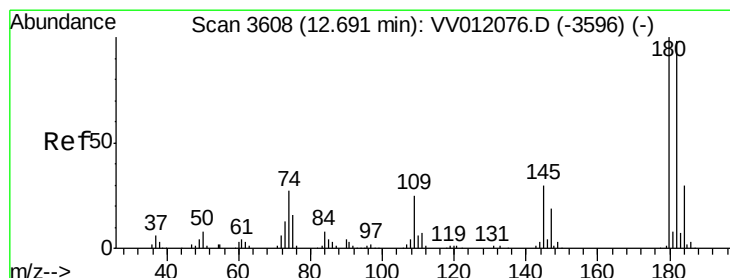
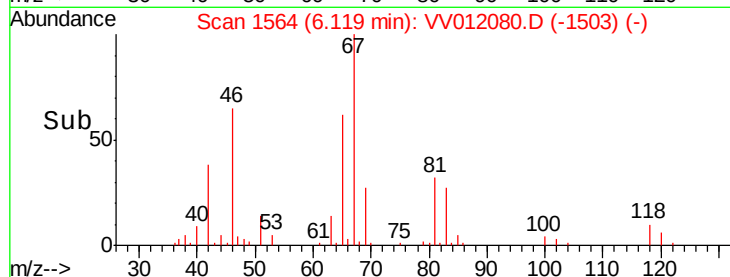
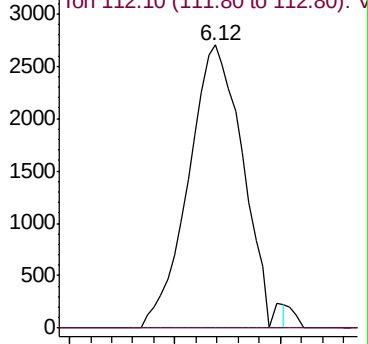
Ion Ratio Lower Upper

63 100

112 0.0 4.7 7.1#



Abundance Ion 63.10 (62.80 to 63.80): VV012076.D (-1584) (-)



#67

1,3,5-Trichlorobenzene

Concen: 0.070 ug/L

RT: 12.69 min Scan# 3609

Delta R.T. 0.00 min

Lab File: VV012080.D

Acq: 30 Jul 2019 20:10

Tgt Ion: 180 Resp: 972

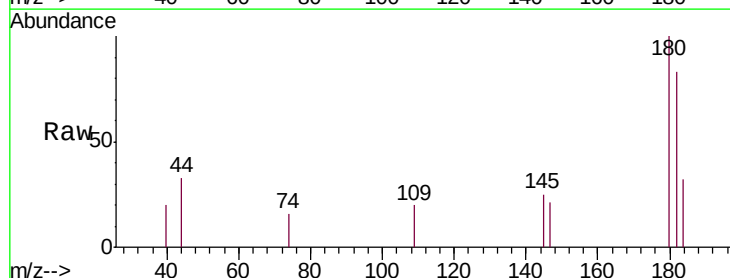
Ion Ratio Lower Upper

180 100

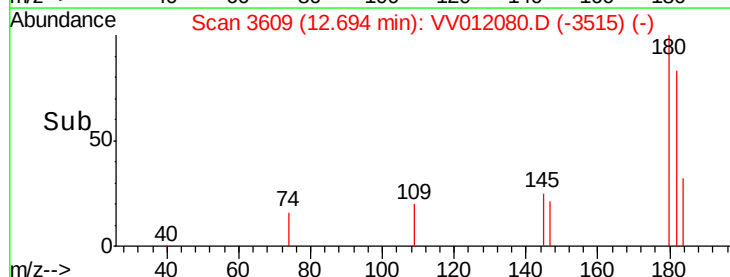
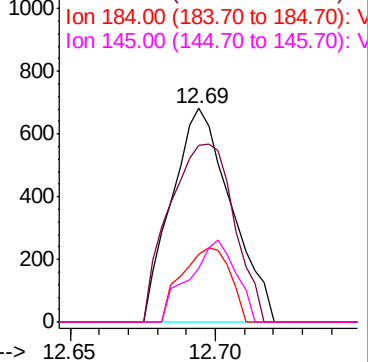
182 90.8 76.6 115.0

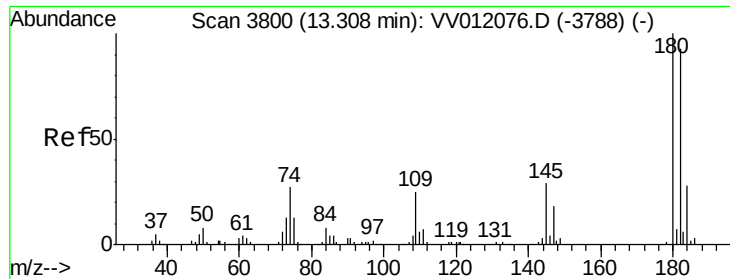
184 28.3 23.8 35.8

145 29.9 22.6 33.8



Abundance Ion 180.00 (179.70 to 180.70): VV012076.D (-3596) (-)

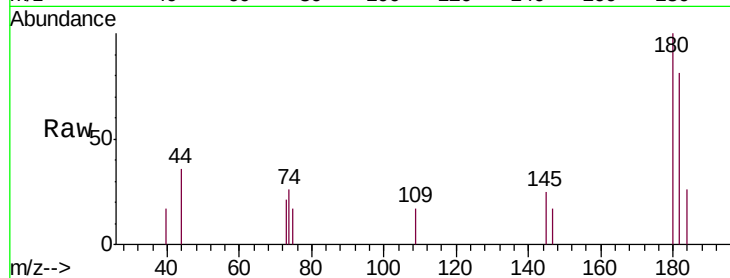




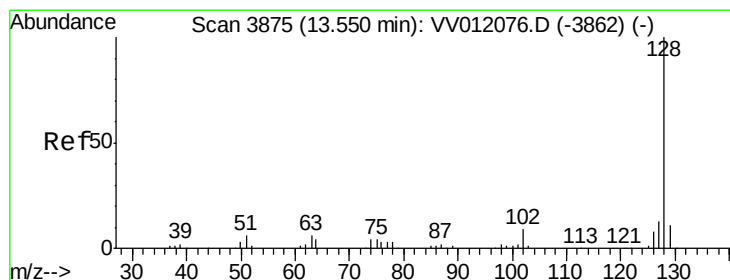
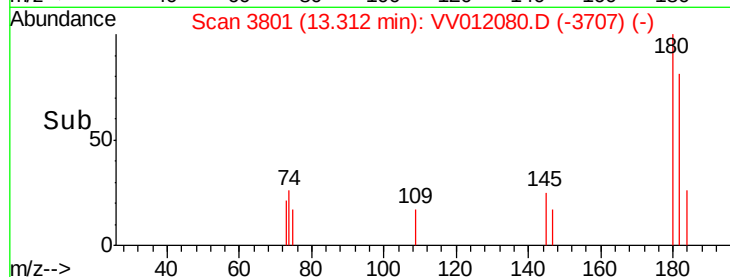
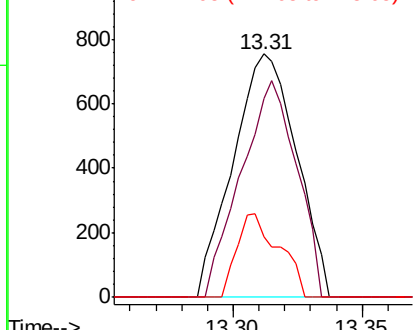
#68
 1,2,4-trichlorobenzene
 Concen: 0.115 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV012080.D
 Acq: 30 Jul 2019 20:10

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK60

Tgt Ion:180 Resp: 1292
 Ion Ratio Lower Upper
 180 100
 182 78.0 75.4 113.0
 145 22.7 23.5 35.3#

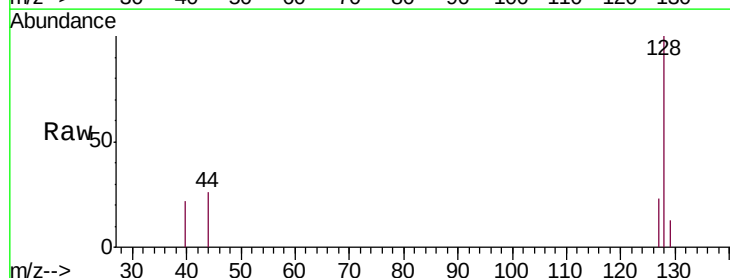


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

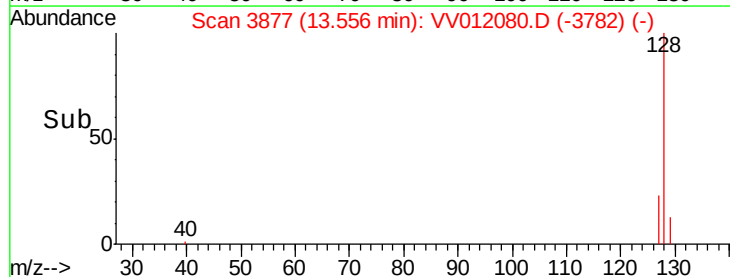
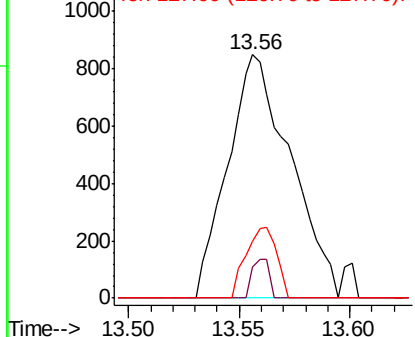


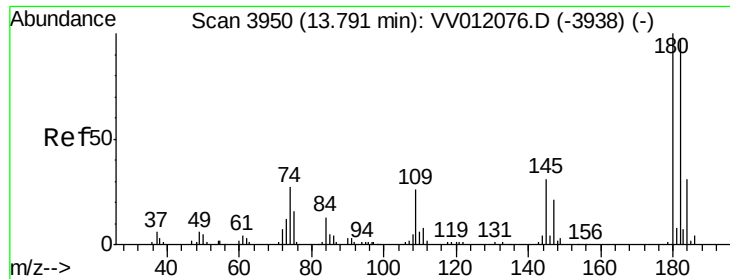
#69
 Naphthalene
 Concen: 0.111 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.01 min
 Lab File: VV012080.D
 Acq: 30 Jul 2019 20:10

Tgt Ion:128 Resp: 1677
 Ion Ratio Lower Upper
 128 100
 129 4.4 8.4 12.6#
 127 14.3 10.0 15.0



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: 0.084 ug/L

RT: 13.79 min Scan# 3951

Delta R.T. 0.00 min

Lab File: VV012080.D

Acq: 30 Jul 2019 20:10

Instrument :

MSVOA_V

ClientSampleId :

VBLK60

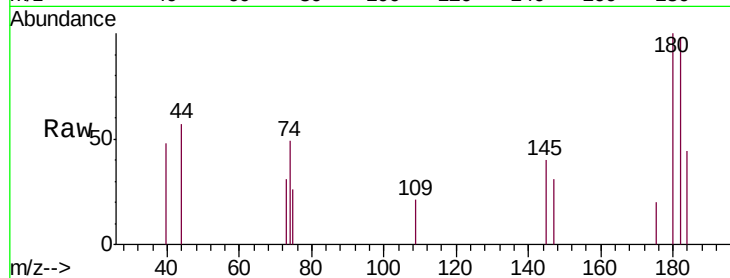
Tgt Ion:180 Resp: 836

Ion Ratio Lower Upper

180 100

182 102.2 76.5 114.7

145 16.5 24.4 36.6#



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

