

Data File : VV011954.D
Acq On : 22 Jul 2019 18:21
Operator : SY/MD
Sample : VV0722WBL01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK52

Quant Time: Jul 23 07:22:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 23 07:18:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	134689	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126761	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	61593	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33895	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.59	69	27897	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.13	63	54471	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	3.96	46	106053	51.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.66%
24) Chloroform-d	4.40	84	88785	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	49740	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	183553	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.12	67	53179	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.36	98	163150	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.66	79	19931	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.14	63	88584	53.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36092	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	64008	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

					Qvalue
8) Chloroethane	1.60	64	563	0.115 ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	831	0.121 ug/L #	55
12) 1,1-Dichloroethene	2.14	96	873	0.142 ug/L #	1
14) Carbon disulfide	2.32	76	1782	0.102 ug/L #	66
16) Methylene chloride	2.54	84	1601	0.233 ug/L	92
25) Chloroform	4.43	83	7405	0.364 ug/L	88
39) cis-1,3-Dichloropropene	7.07	75	793	0.060 ug/L #	56
62) 1,3-Dichlorobenzene	11.23	146	2106	0.105 ug/L	88
63) 1,4-Dichlorobenzene	11.32	146	2446	0.118 ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	1695	0.091 ug/L #	73
66) 1,2-Dibromo-3-chloropropan	12.70	75	235	0.218 ug/L #	1
67) 1,3,5-Trichlorobenzene	12.69	180	2064	0.122 ug/L #	91
68) 1,2,4-trichlorobenzene	13.31	180	1923	0.141 ug/L	98
69) Naphthalene	13.55	128	2424	0.117 ug/L #	91
70) 1,2,3-Trichlorobenzene	13.79	180	1420	0.114 ug/L	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072219\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 23 07:18:43 2019
Response via : Initial Calibration

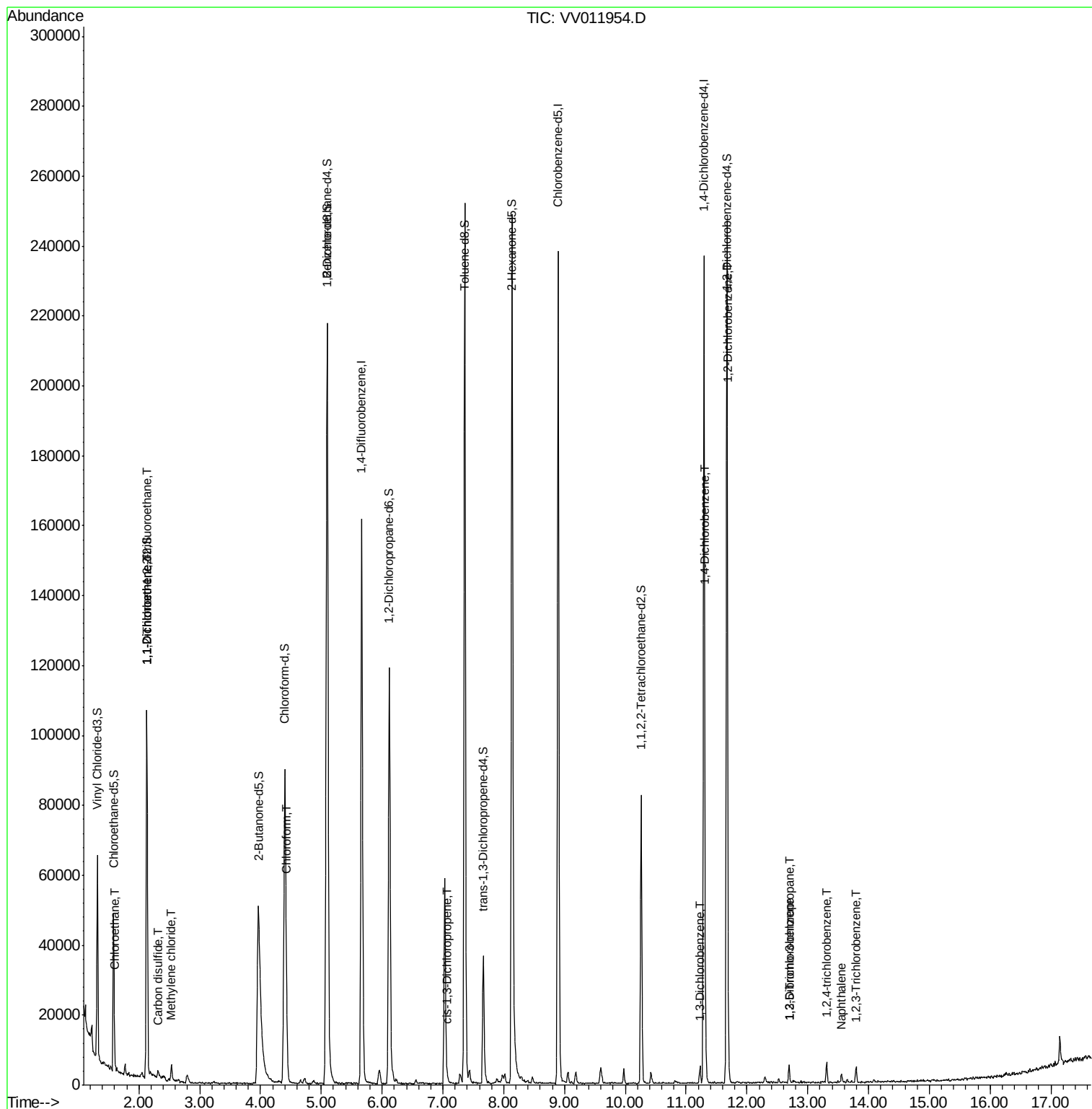
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

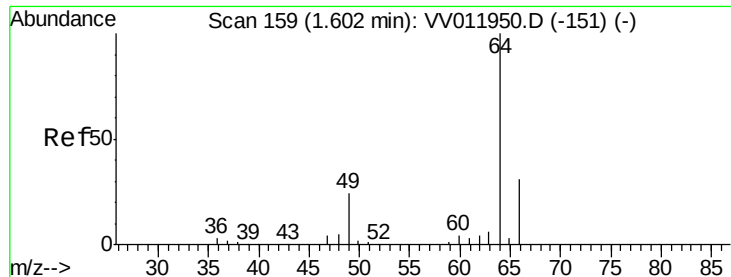
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#8

Chloroethane

Concen: 0.115 ug/L

RT: 1.60 min Scan# 160

Delta R.T. 0.00 min

Lab File: VV011954.D

Acq: 22 Jul 2019 18:21

Instrument :

MSVOA_V

ClientSampleId :

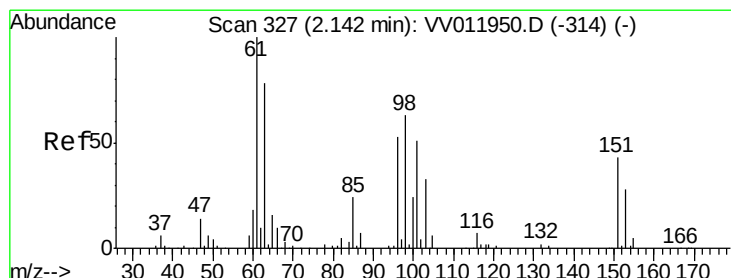
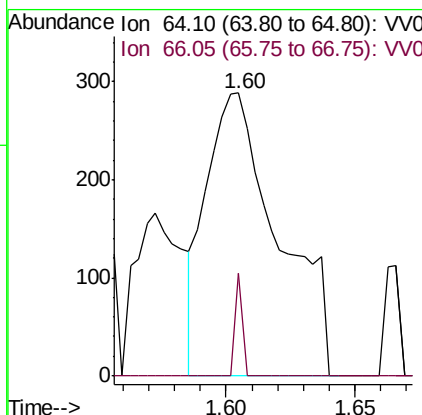
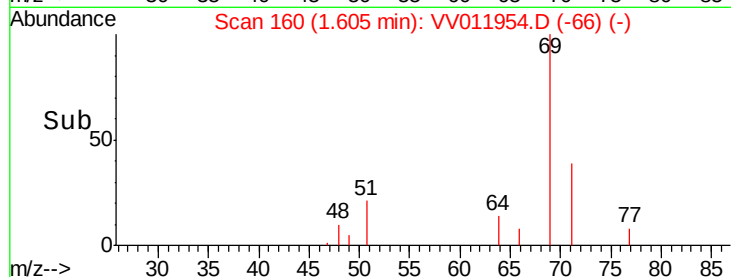
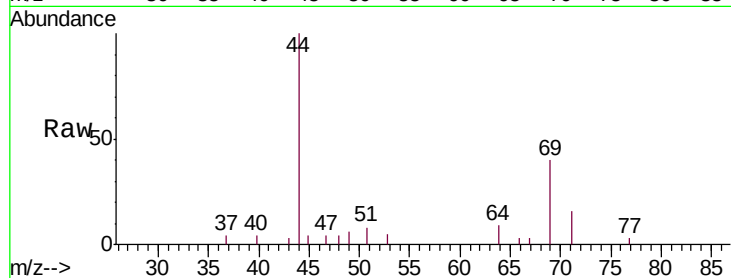
VBLK52

Tgt Ion: 64 Resp: 563

Ion Ratio Lower Upper

64 100

66 36.5 21.8 40.6



#10

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

Concen: 0.121 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV011954.D

Acq: 22 Jul 2019 18:21

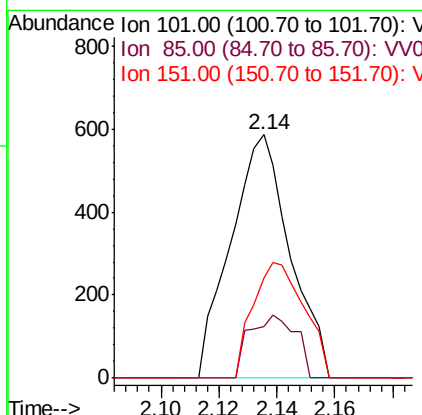
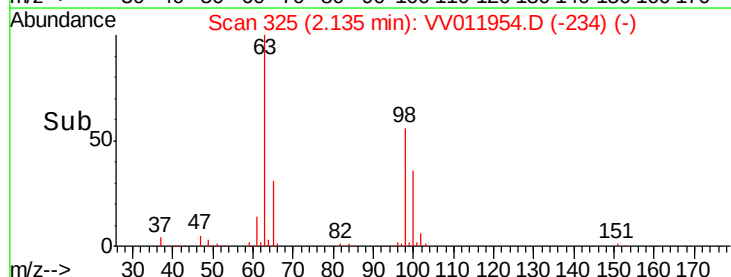
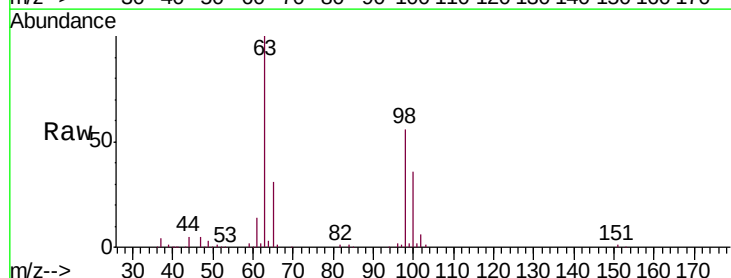
Tgt Ion: 101 Resp: 831

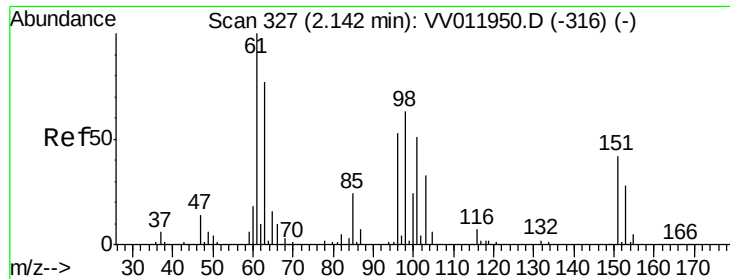
Ion Ratio Lower Upper

101 100

85 20.2 37.0 55.6#

151 41.2 68.3 102.5#





#12

1,1-Dichloroethene

Concen: 0.142 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV011954.D

Acq: 22 Jul 2019 18:21

Instrument :

MSVOA_V

ClientSampled :

VBLK52

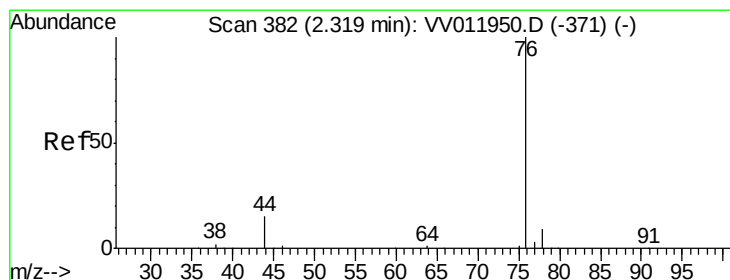
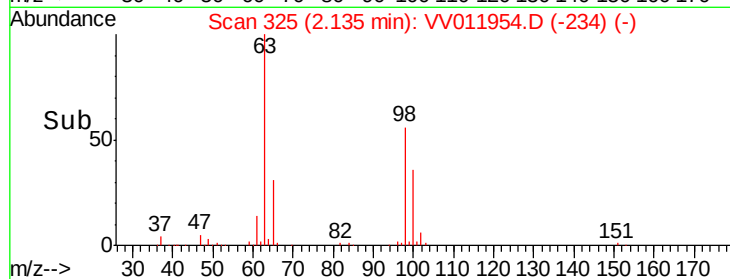
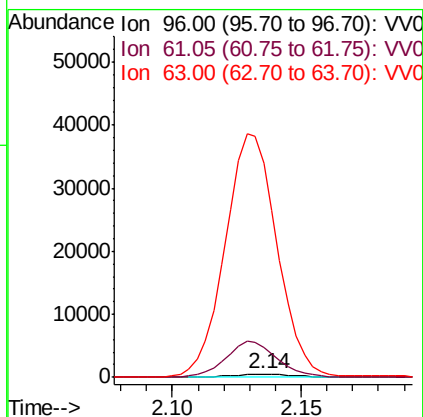
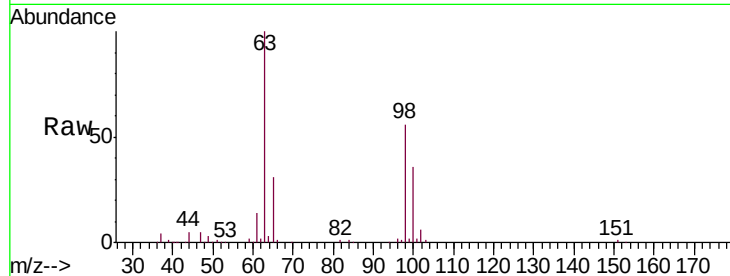
Tgt Ion: 96 Resp: 873

Ion Ratio Lower Upper

96 100

61 909.8 132.7 246.5#

63 6383.4 104.0 193.1#



#14

Carbon disulfide

Concen: 0.102 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV011954.D

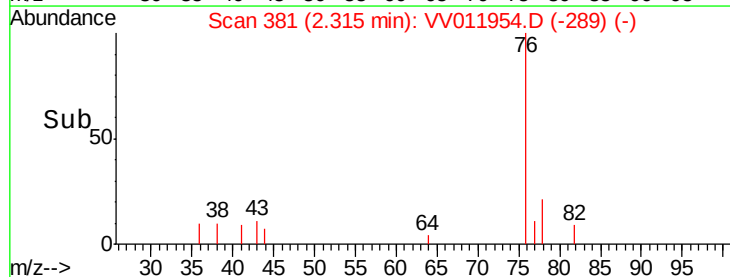
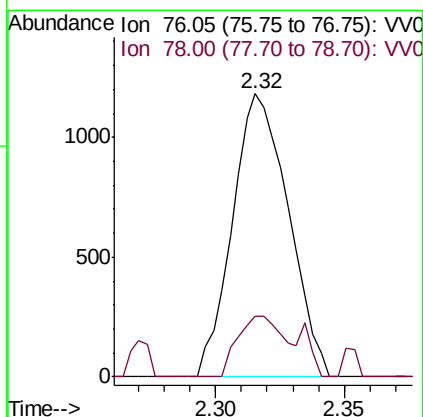
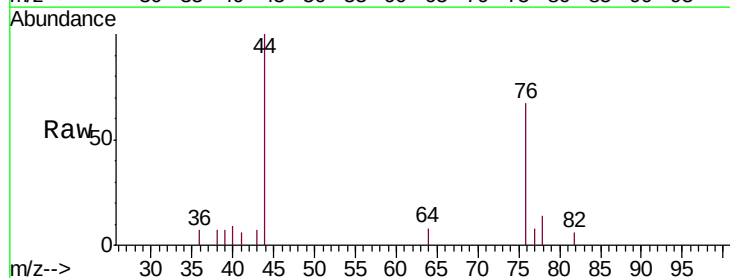
Acq: 22 Jul 2019 18:21

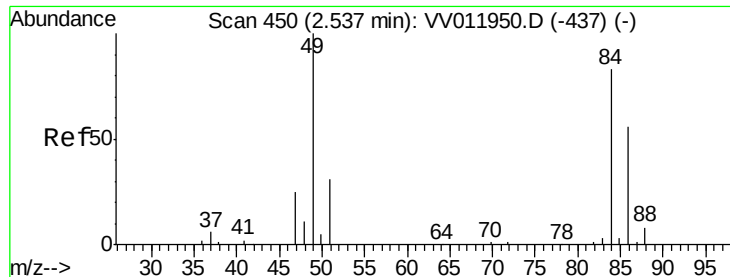
Tgt Ion: 76 Resp: 1782

Ion Ratio Lower Upper

76 100

78 21.4 7.3 10.9#

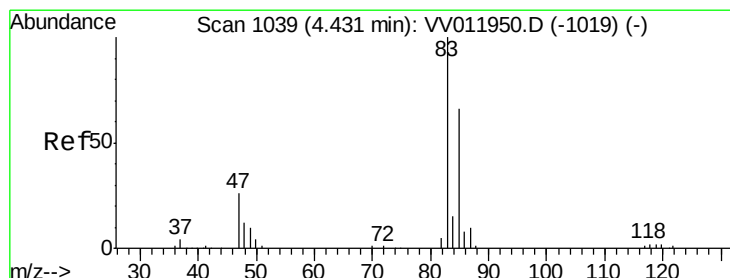
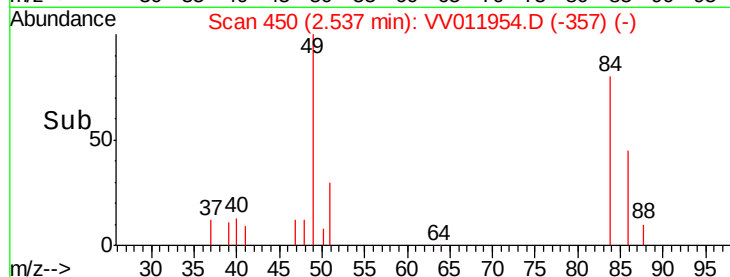
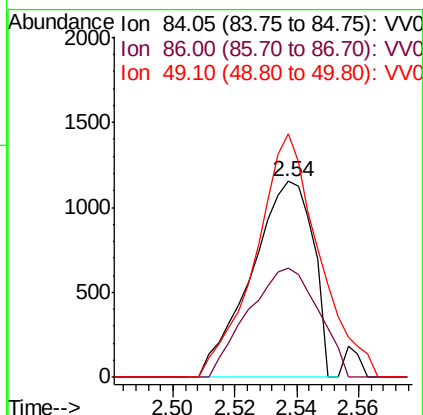
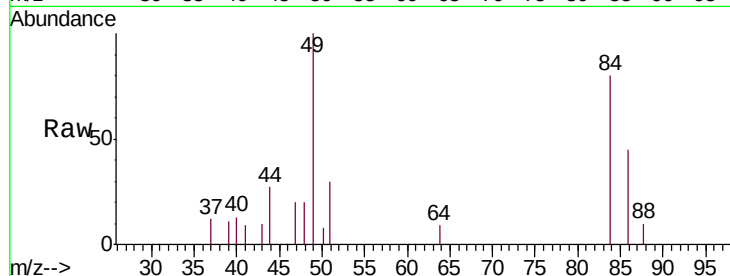




#16
Methylene chloride
Concen: 0.233 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV011954.D
Acq: 22 Jul 2019 18:21

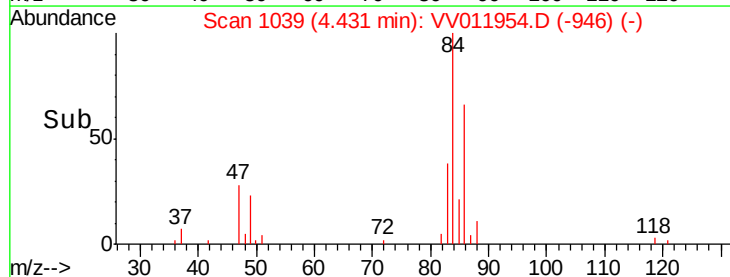
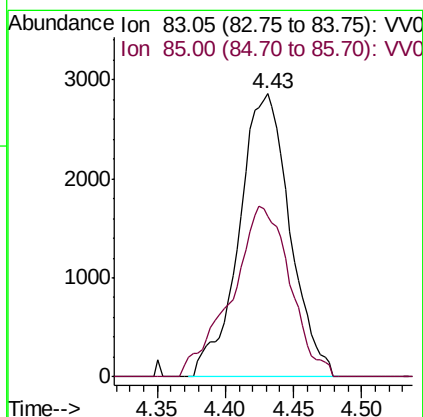
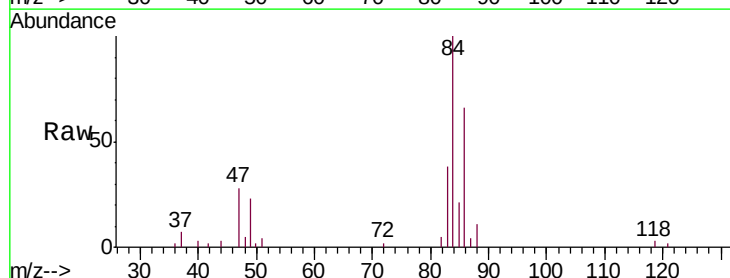
Instrument :
MSVOA_V
ClientSampleId :
VBLK52

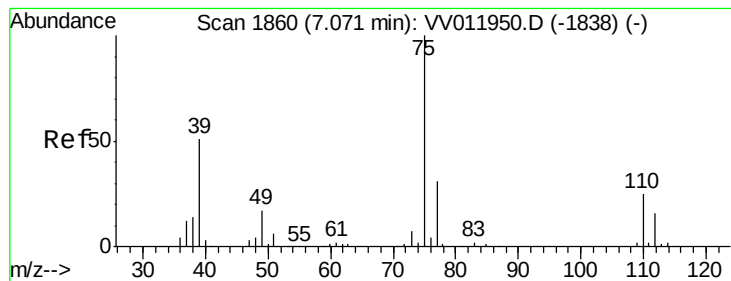
Tgt Ion: 84 Resp: 1601
Ion Ratio Lower Upper
84 100
86 55.9 47.6 88.4
49 124.3 84.3 156.5



#25
Chloroform
Concen: 0.364 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV011954.D
Acq: 22 Jul 2019 18:21

Tgt Ion: 83 Resp: 7405
Ion Ratio Lower Upper
83 100
85 56.6 46.5 86.3



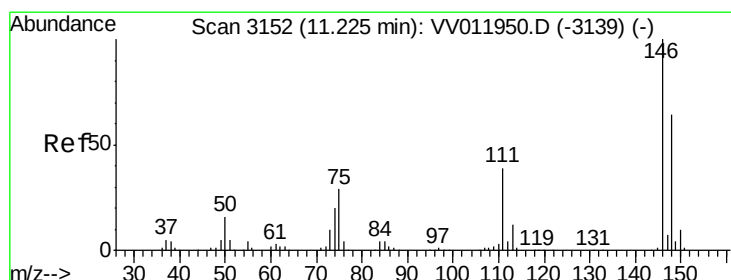
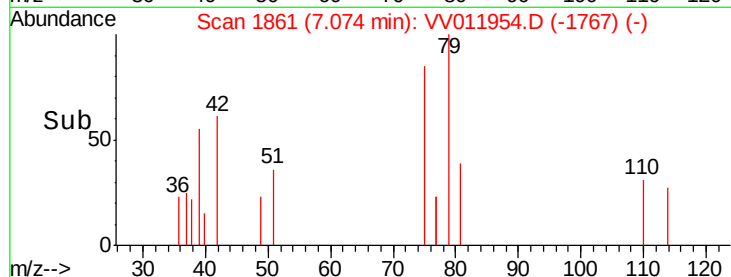
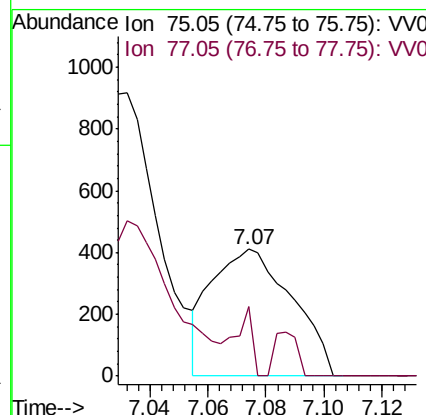
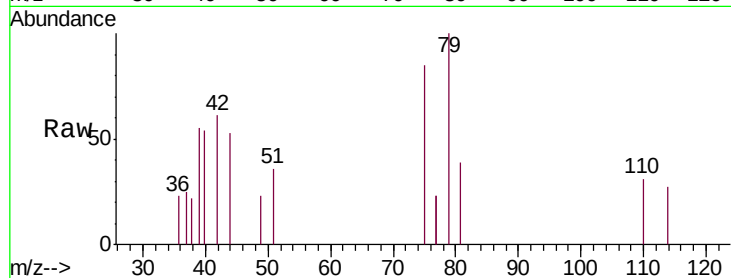


#39

cis-1,3-Dichloropropene
Concen: 0.060 ug/L
RT: 7.07 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VV011954.D
Acq: 22 Jul 2019 18:21

Instrument :
MSVOA_V
ClientSampleId :
VBLK52

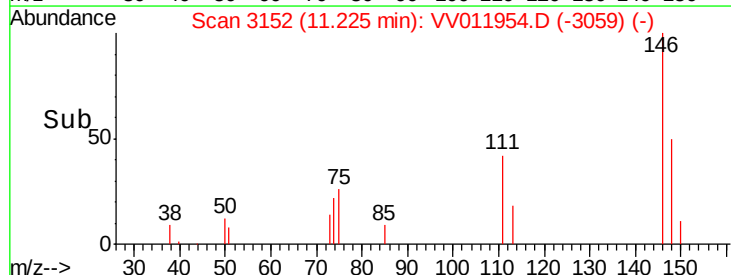
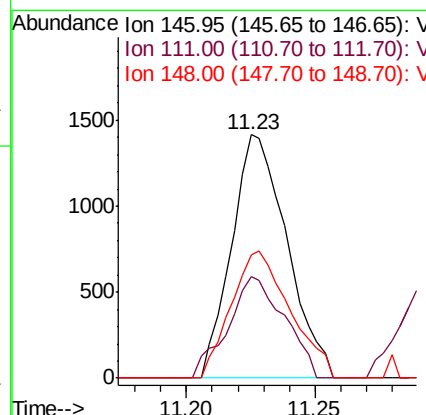
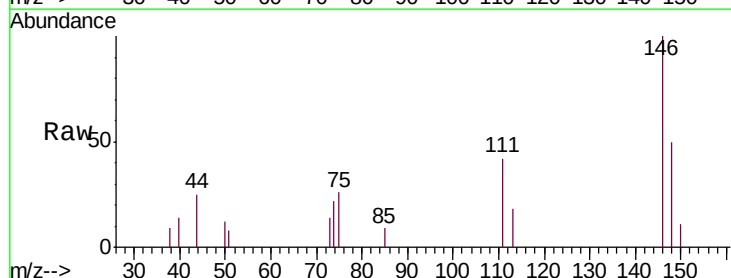
Tgt Ion: 75 Resp: 793
Ion Ratio Lower Upper
75 100
77 54.6 21.3 39.6#

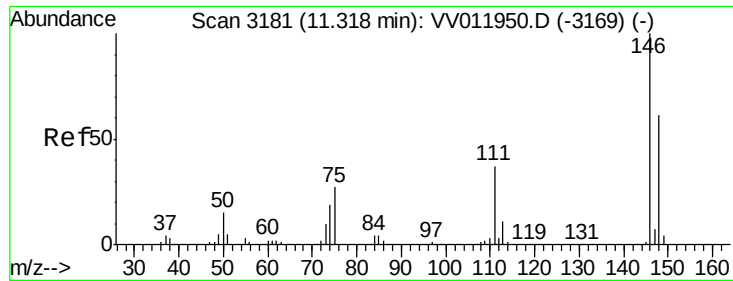


#62

1,3-Dichlorobenzene
Concen: 0.105 ug/L
RT: 11.23 min Scan# 3152
Delta R.T. -0.00 min
Lab File: VV011954.D
Acq: 22 Jul 2019 18:21

Tgt Ion: 146 Resp: 2106
Ion Ratio Lower Upper
146 100
111 41.6 27.1 50.3
148 50.4 44.5 82.7

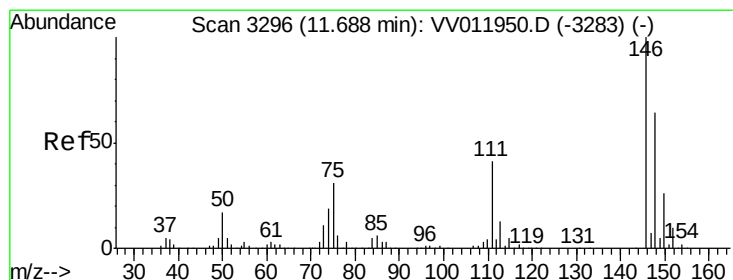
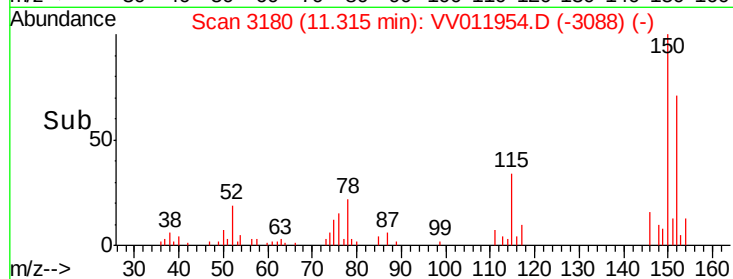
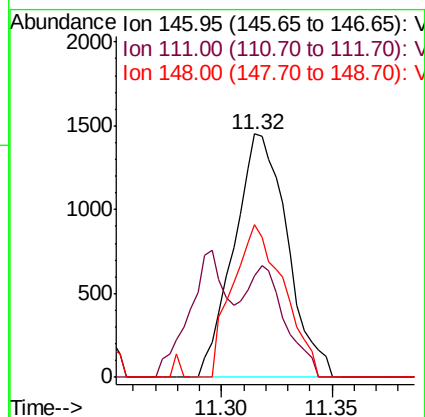
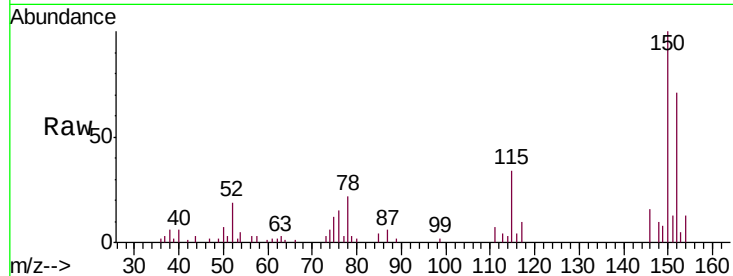




#63
 1,4-Dichlorobenzene
 Concen: 0.118 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: VV011954.D
 Acq: 22 Jul 2019 18:21

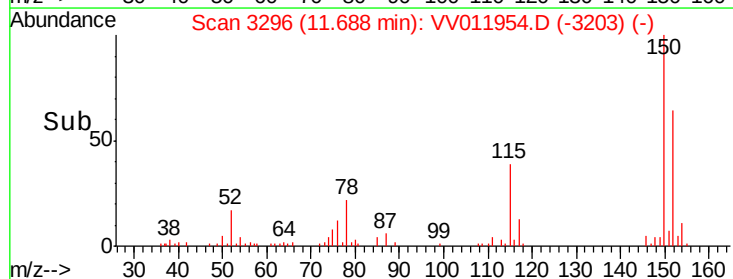
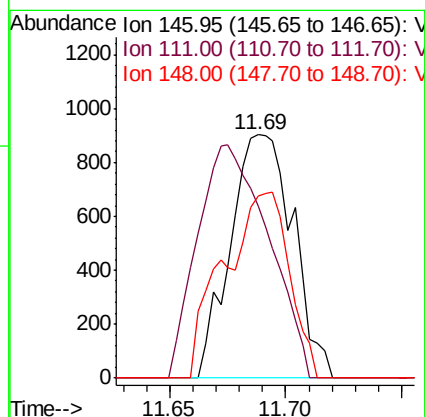
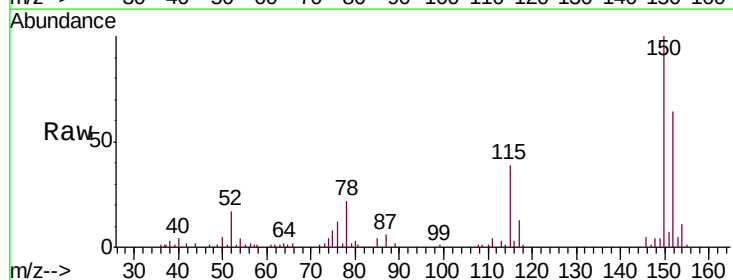
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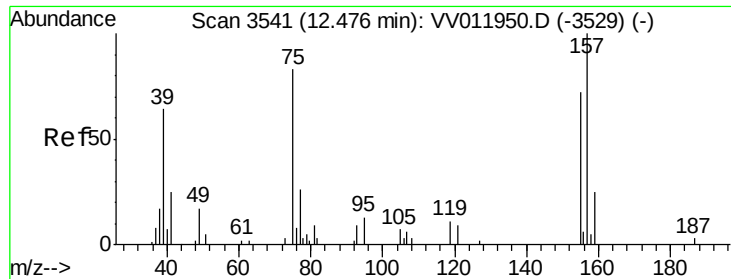
Tgt Ion:146 Resp: 2446
 Ion Ratio Lower Upper
 146 100
 111 41.9 26.0 48.2
 148 62.5 43.0 80.0



#65
 1,2-Dichlorobenzene
 Concen: 0.091 ug/L
 RT: 11.69 min Scan# 3296
 Delta R.T. -0.00 min
 Lab File: VV011954.D
 Acq: 22 Jul 2019 18:21

Tgt Ion:146 Resp: 1695
 Ion Ratio Lower Upper
 146 100
 111 70.8 32.5 48.7#
 148 74.9 51.4 77.0

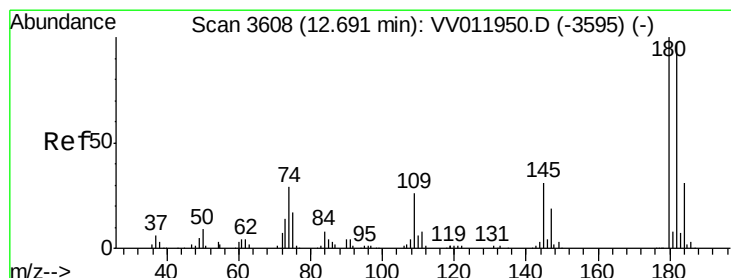
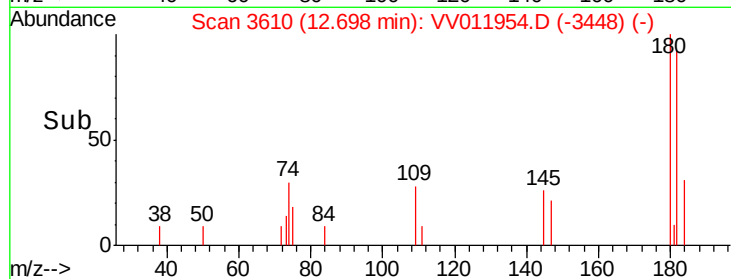
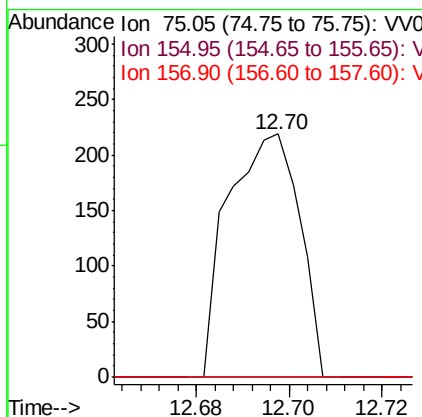
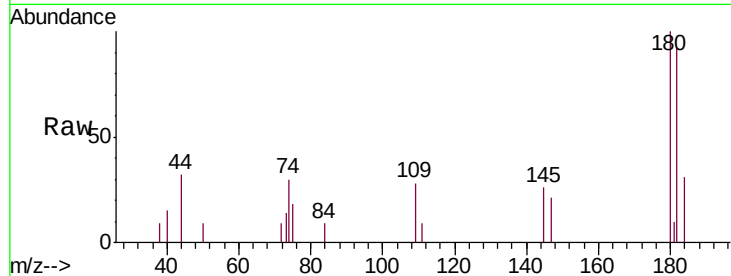




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.218 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.22 min
 Lab File: VV011954.D
 Acq: 22 Jul 2019 18:21

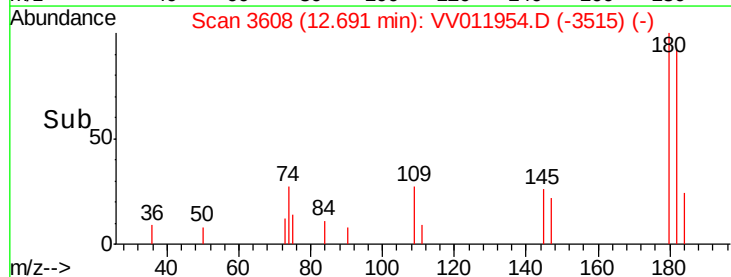
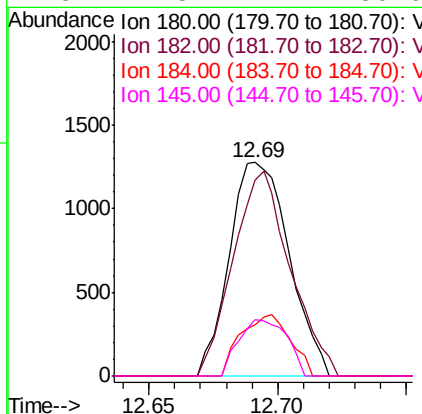
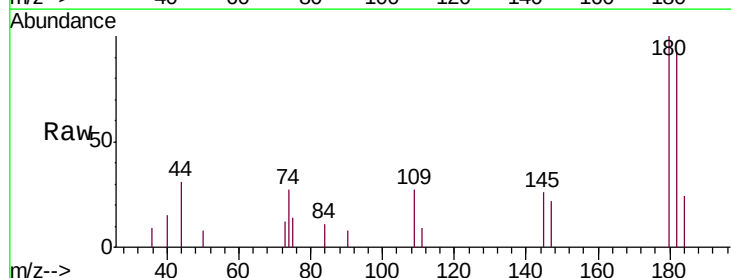
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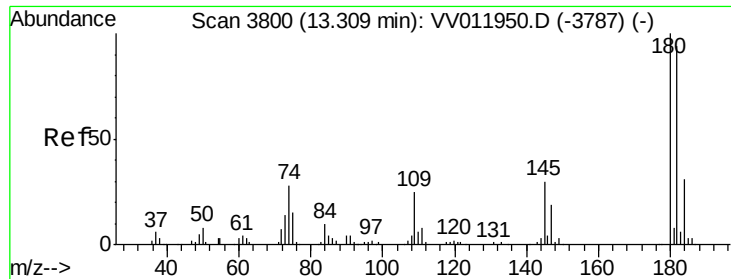
Tgt Ion: 75 Resp: 235
 Ion Ratio Lower Upper
 75 100
 155 0.0 69.5 104.3#
 157 0.0 96.2 144.2#



#67
 1,3,5-Trichlorobenzene
 Concen: 0.122 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. -0.00 min
 Lab File: VV011954.D
 Acq: 22 Jul 2019 18:21

Tgt Ion: 180 Resp: 2064
 Ion Ratio Lower Upper
 180 100
 182 91.5 77.4 116.0
 184 24.0 25.2 37.8#
 145 21.3 24.4 36.6#

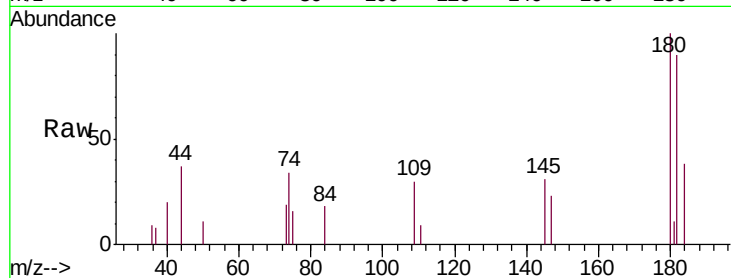




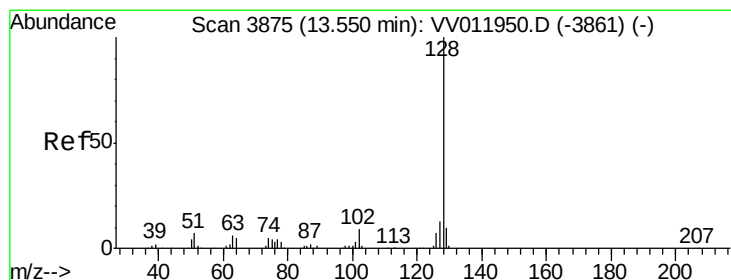
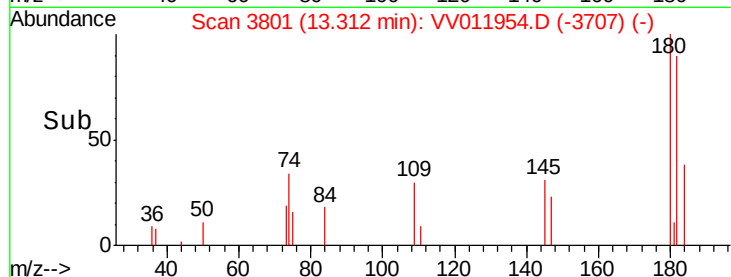
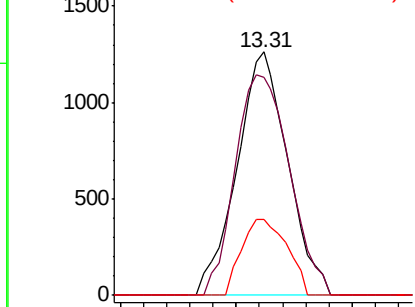
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 1,2,4-trichlorobenzene
 Concen: 0.141 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV011954.D
 Acq: 22 Jul 2019 18:21

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK52

Tgt Ion:180 Resp: 1923
 Ion Ratio Lower Upper
 180 100
 182 96.8 75.8 113.8
 145 27.7 23.4 35.2

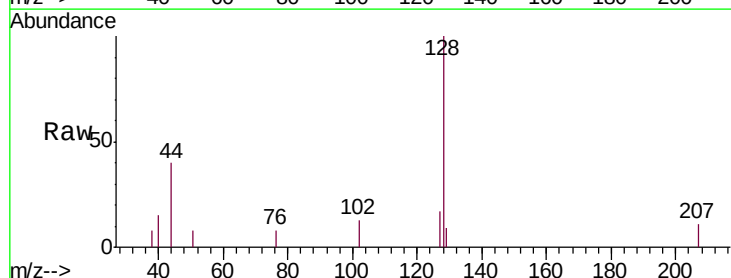


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

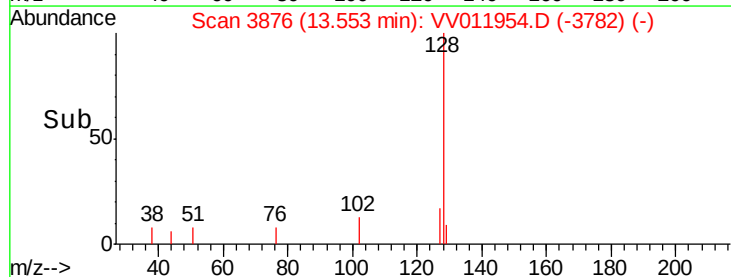
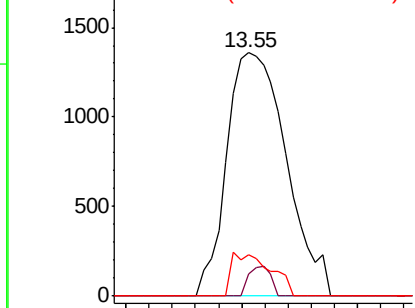


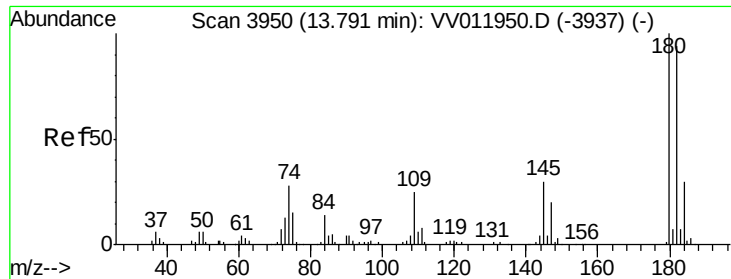
#69
 Naphthalene
 Concen: 0.117 ug/L
 RT: 13.55 min Scan# 3876
 Delta R.T. 0.00 min
 Lab File: VV011954.D
 Acq: 22 Jul 2019 18:21

Tgt Ion:128 Resp: 2424
 Ion Ratio Lower Upper
 128 100
 129 4.5 8.2 12.2#
 127 11.4 10.8 16.2



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: 0.114 ug/L

RT: 13.79 min Scan# 3951

Delta R.T. 0.00 min

Lab File: VV011954.D

Acq: 22 Jul 2019 18:21

Instrument :

MSVOA_V

ClientSampleId :

VBLK52

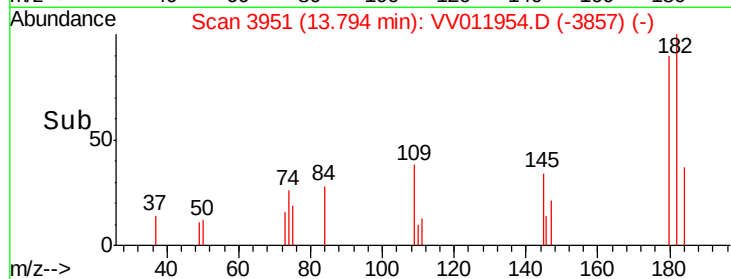
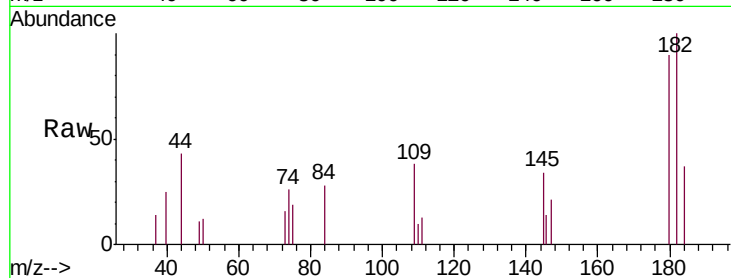
Tgt Ion:180 Resp: 1420

Ion Ratio Lower Upper

180 100

182 104.7 75.5 113.3

145 33.6 24.7 37.1



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

