

Data File : VV009801.D
Acq On : 21 Mar 2019 17:49
Operator : SY/MD
Sample : VV0321WBL02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK32

Quant Time: Mar 22 08:17:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 22 08:14:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	100569	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	101117	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47005	5.00	ug/L	0.00

System Monitoring Compounds

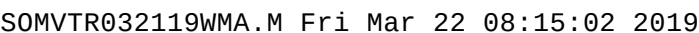
4) Vinyl Chloride-d3	1.32	65	62208	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.59	69	56202	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.13	63	114501	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	3.98	46	71131	50.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.14%
24) Chloroform-d	4.40	84	62761	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	32187	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.10	84	130703	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	41053	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.36	98	124020	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.67	79	13473	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.14	63	65259	52.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	29162	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	43240	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

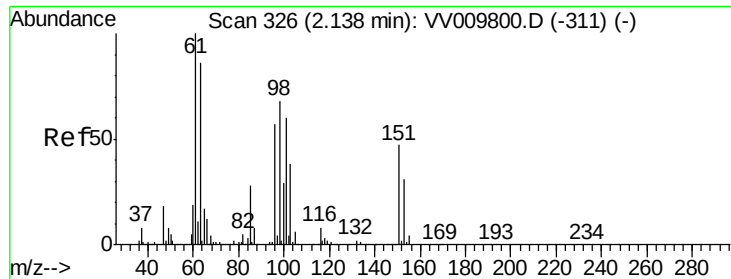
Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1255	0.083	ug/L #	29
12) 1,1-Dichloroethene	2.14	96	1404	0.105	ug/L #	1
16) Methylene chloride	2.54	84	5087	0.335	ug/L	86
37) 1,2-Dichloropropane	6.12	63	5088	0.717	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1392	0.145	ug/L	96
44) trans-1,3-Dichloropropene	7.66	75	980	0.128	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	900	0.060	ug/L #	61
67) 1,3,5-Trichlorobenzene	12.69	180	661	0.058	ug/L #	77
68) 1,2,4-trichlorobenzene	13.32	180	845	0.100	ug/L #	84
69) Naphthalene	13.56	128	1657	0.124	ug/L #	90
70) 1,2,3-Trichlorobenzene	13.80	180	934	0.119	ug/L #	71

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

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Response via : Initial Calibration





#10

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

Concen: 0.083 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV009801.D

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MSVOA_V

ClientSampleId :

VBLK32

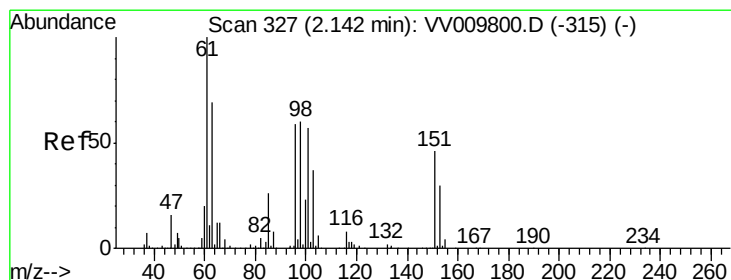
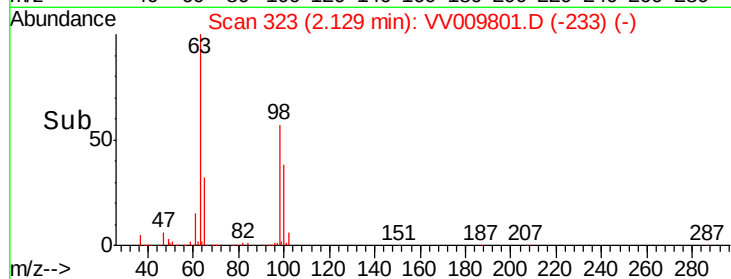
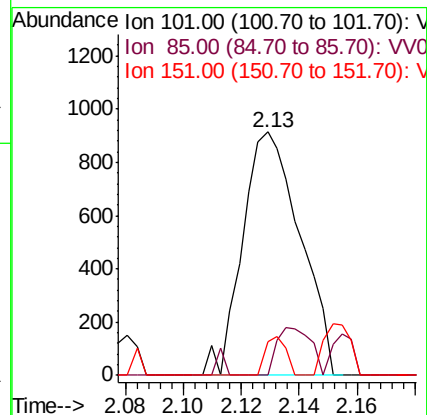
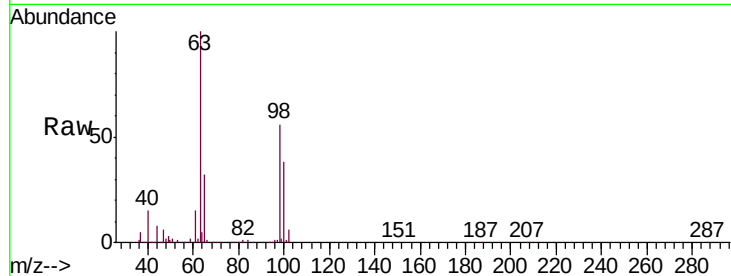
Tgt Ion: 101 Resp: 1255

Ion Ratio Lower Upper

101 100

85 11.6 39.2 58.8#

151 5.7 61.1 91.7#



#12

1,1-Dichloroethene

Concen: 0.105 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV009801.D

Acq: 21 Mar 2019 17:49

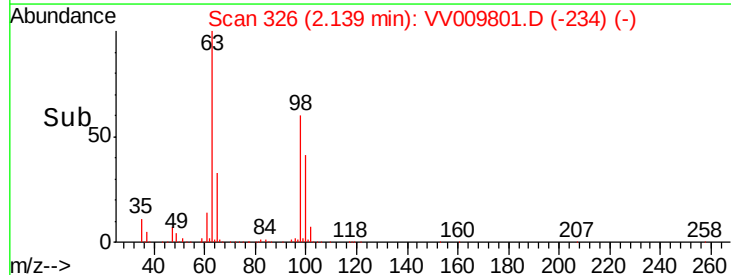
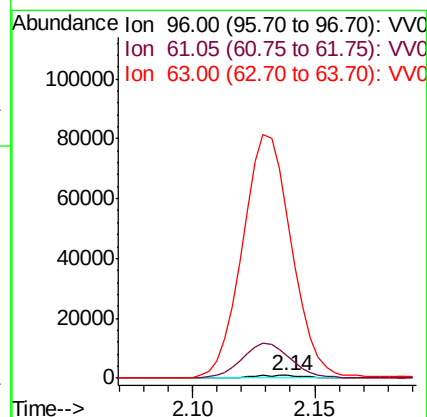
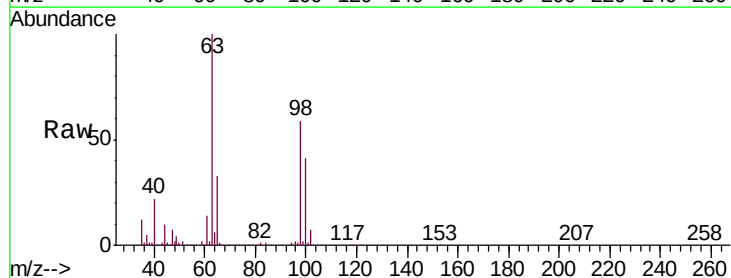
Tgt Ion: 96 Resp: 1404

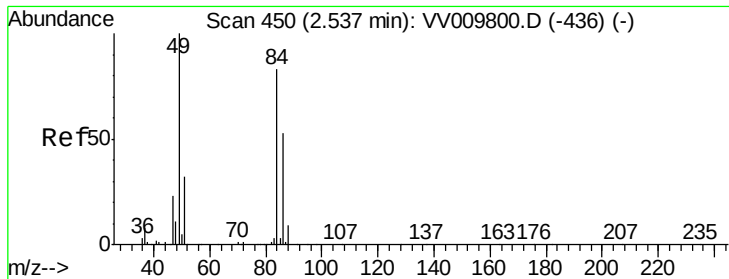
Ion Ratio Lower Upper

96 100

61 879.4 127.1 236.0#

63 6475.2 88.8 164.8#

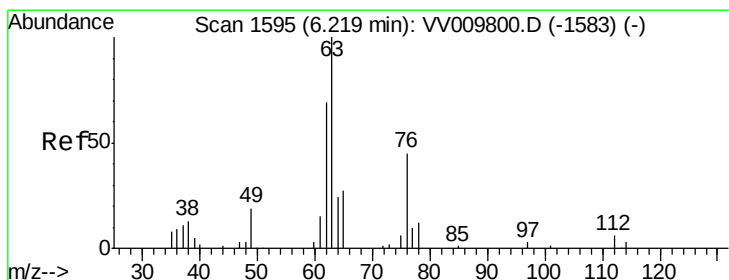
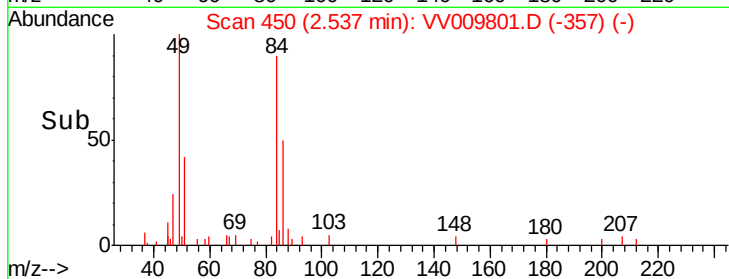
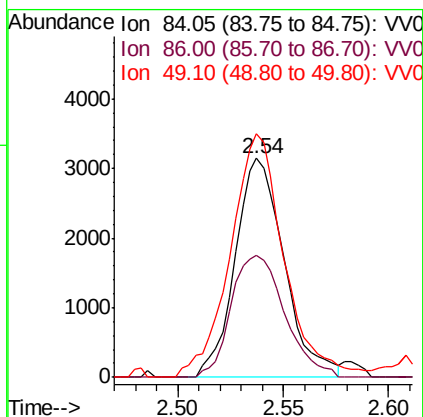
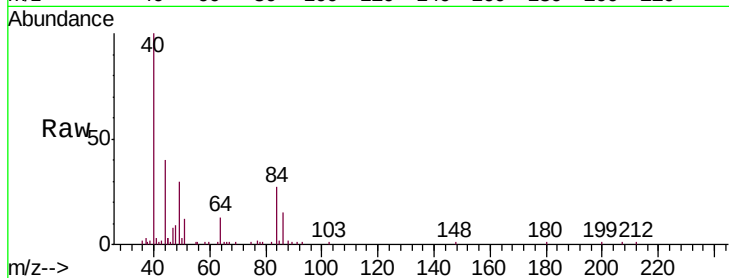




#16
Methylene chloride
Concen: 0.335 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009801.D
Acq: 21 Mar 2019 17:49

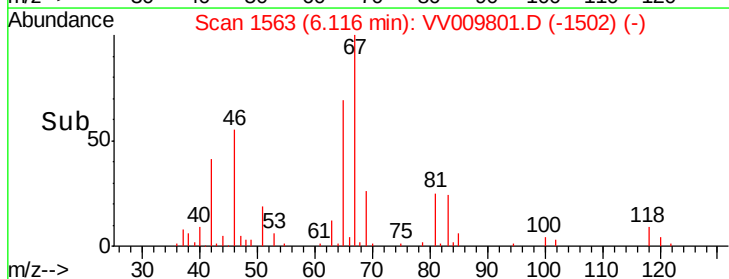
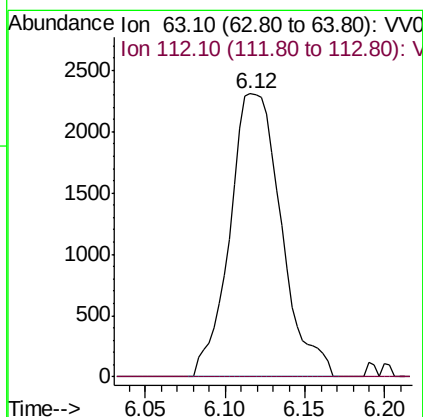
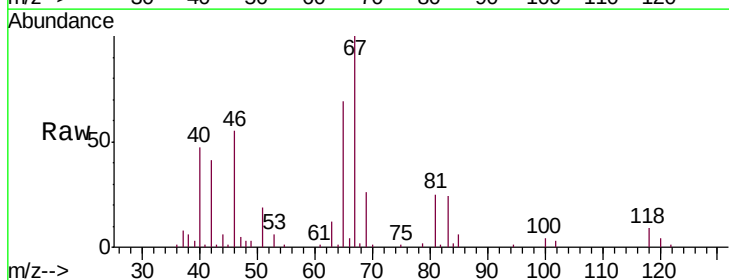
Instrument :
MSVOA_V
ClientSampleId :
VBLK32

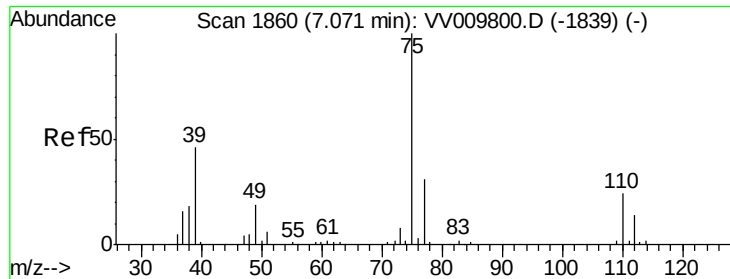
Tgt Ion: 84 Resp: 5087
Ion Ratio Lower Upper
84 100
86 55.5 46.1 85.5
49 111.3 89.7 166.5



#37
1,2-Dichloropropane
Concen: 0.717 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009801.D
Acq: 21 Mar 2019 17:49

Tgt Ion: 63 Resp: 5088
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

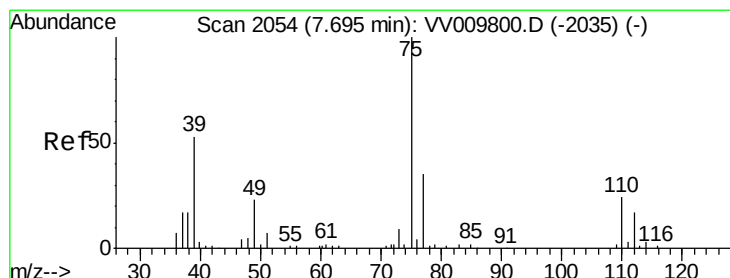
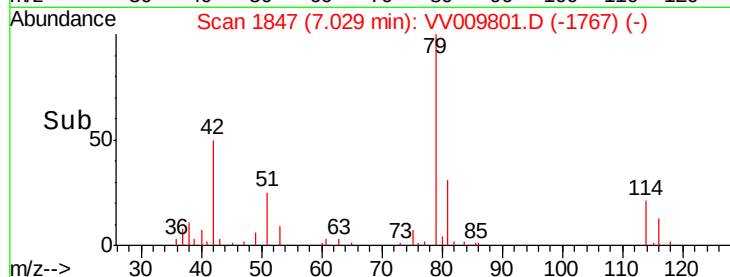
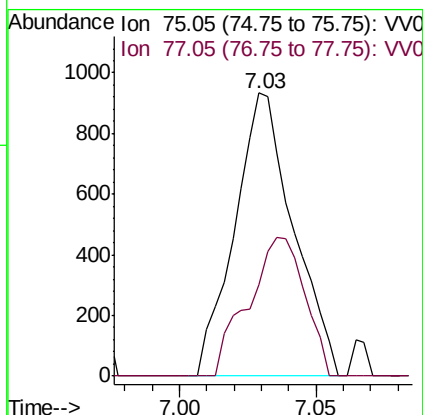
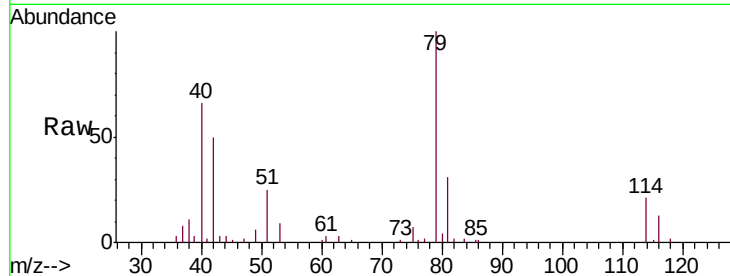




#39
 cis-1,3-Dichloropropene
 Concen: 0.145 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009801.D
 Acq: 21 Mar 2019 17:49

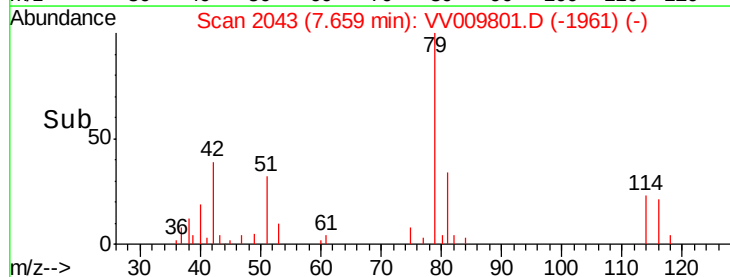
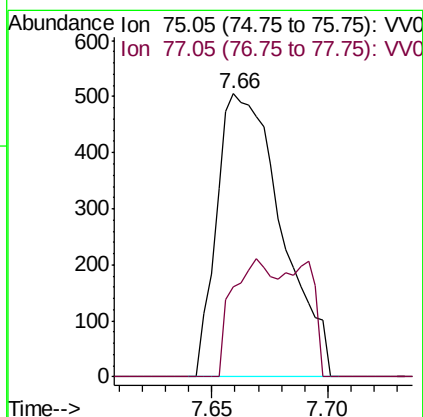
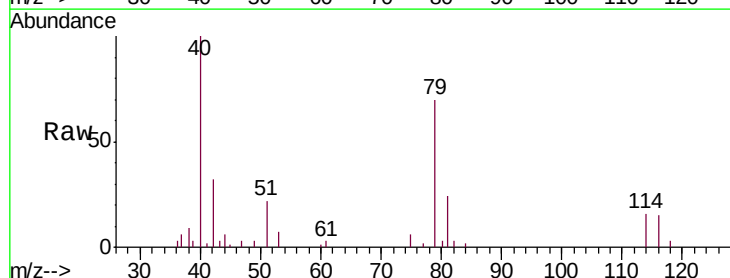
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK32

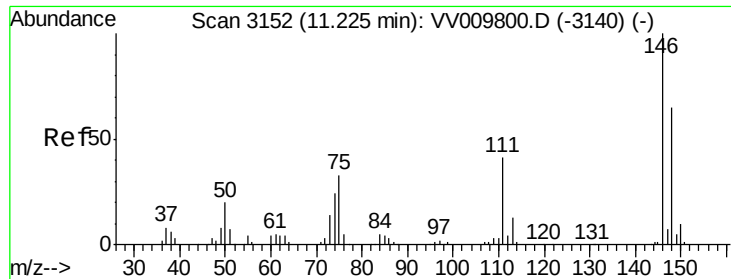
Tgt Ion: 75 Resp: 1392
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.1 44.8



#44
 trans-1,3-Dichloropropene
 Concen: 0.128 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.04 min
 Lab File: VV009801.D
 Acq: 21 Mar 2019 17:49

Tgt Ion: 75 Resp: 980
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.7 42.3





#62

1,3-Dichlorobenzene

Concen: 0.060 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.00 min

Lab File: VV009801.D

Acq: 21 Mar 2019 17:49

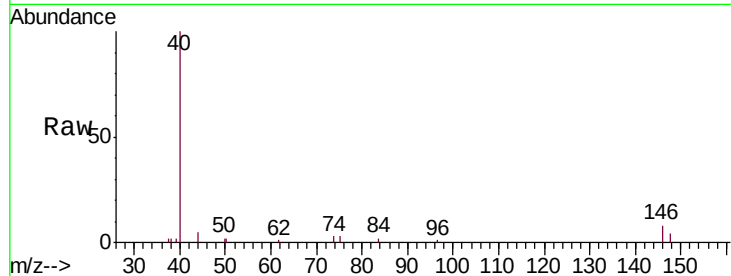
Instrument :

MSVOA_V

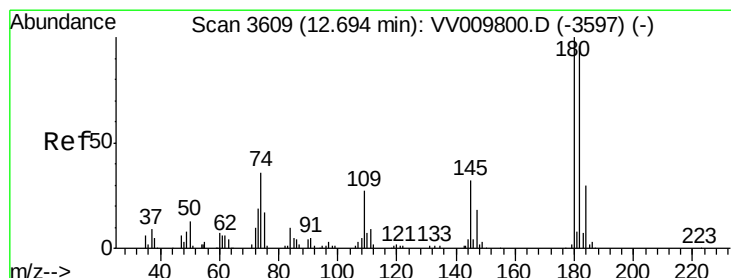
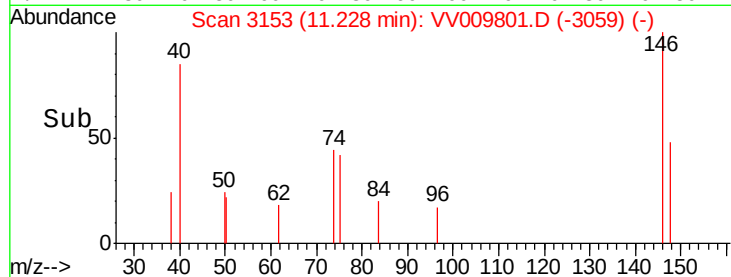
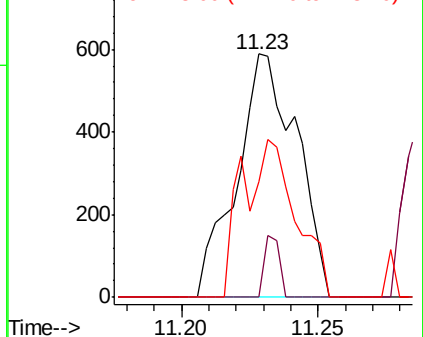
ClientSampled :

VBLK32

Tgt Ion:	146	Resp:	900
Ion	Ratio	Lower	Upper
146	100		
111	0.0	29.7	55.1#
148	47.5	44.2	82.0



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#67

1,3,5-Trichlorobenzene

Concen: 0.058 ug/L

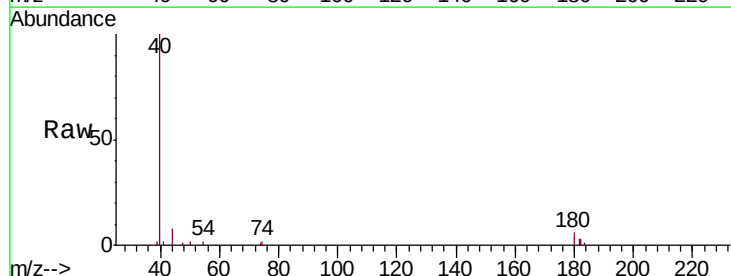
RT: 12.69 min Scan# 3608

Delta R.T. -0.00 min

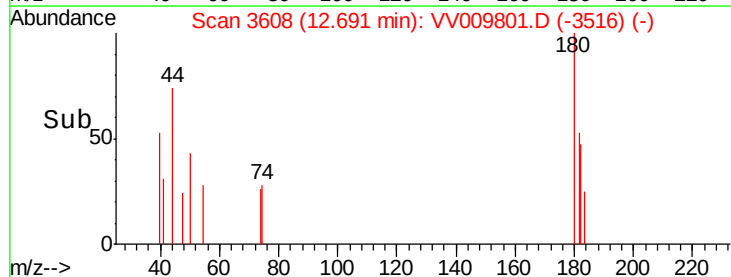
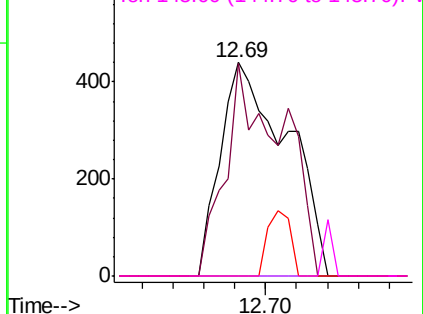
Lab File: VV009801.D

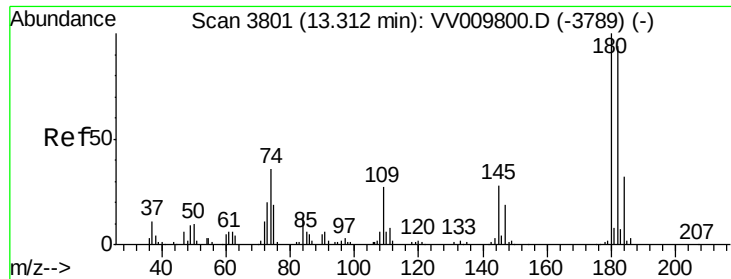
Acq: 21 Mar 2019 17:49

Tgt Ion:	180	Resp:	661
Ion	Ratio	Lower	Upper
180	100		
182	85.2	75.0	112.6
184	10.3	23.9	35.9#
145	3.3	25.3	37.9#



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 184.00 (183.70 to 184.70): V
Ion 145.00 (144.70 to 145.70): V

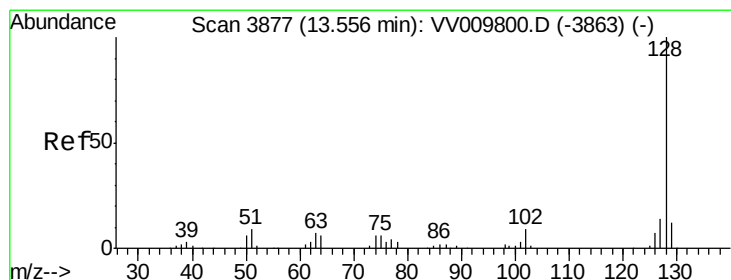
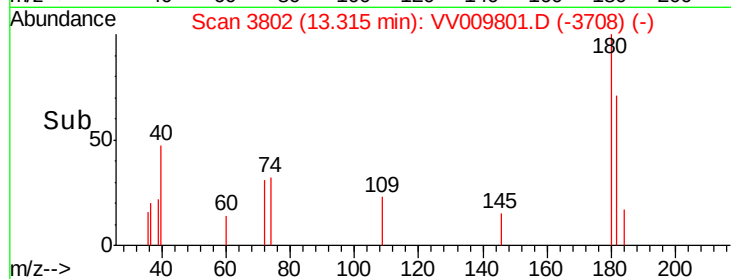
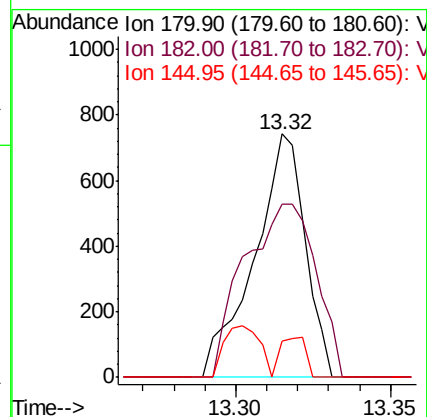
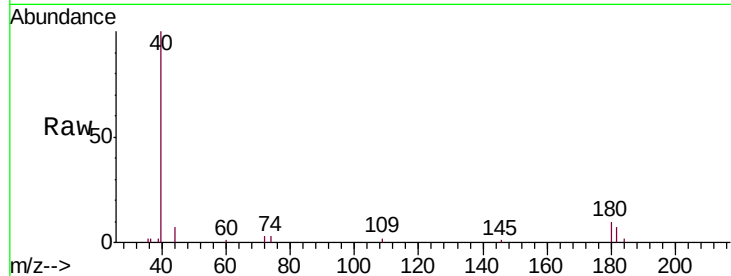




#68
 1,2,4-trichlorobenzene
 Concen: 0.100 ug/L
 RT: 13.32 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV009801.D
 Acq: 21 Mar 2019 17:49

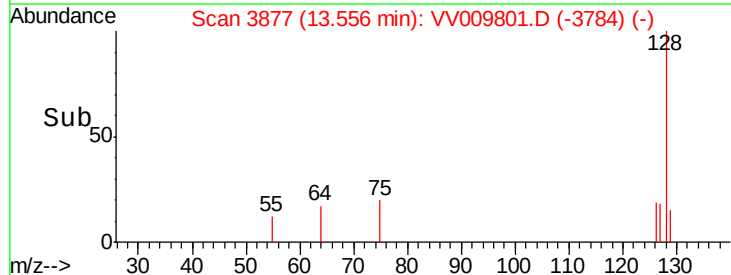
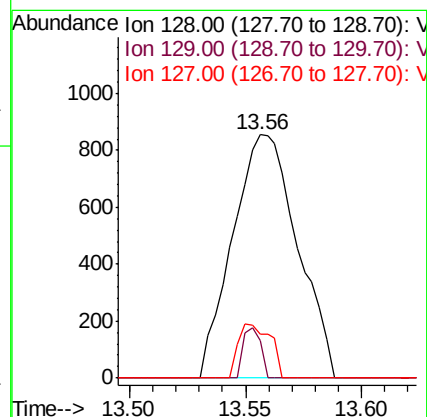
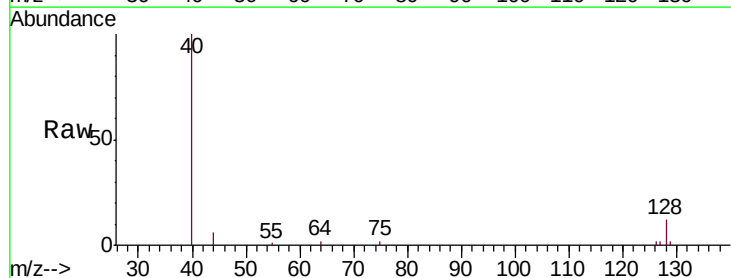
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK32

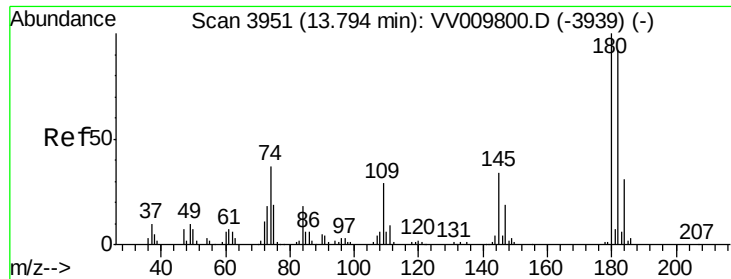
Tgt Ion:180 Resp: 845
 Ion Ratio Lower Upper
 180 100
 182 100.4 75.2 112.8
 145 8.0 26.6 39.8#



#69
 Naphthalene
 Concen: 0.124 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.00 min
 Lab File: VV009801.D
 Acq: 21 Mar 2019 17:49

Tgt Ion:128 Resp: 1657
 Ion Ratio Lower Upper
 128 100
 129 5.4 8.9 13.3#
 127 11.0 10.4 15.6





#70
 1,2,3-Trichlorobenzene
 Concen: 0.119 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.00 min
 Lab File: VV009801.D
 Acq: 21 Mar 2019 17:49

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	70.7	76.8	115.2#
145	13.7	28.2	42.2#

