

Data File : VV009472.D
Acq On : 04 Mar 2019 15:19
Operator : SY/MD
Sample : VV0304WBL01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Quant Time: Mar 05 04:11:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR030419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 05 04:03:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	94716	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91449	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42345	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34383	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.58	69	28344	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	63366	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	3.98	46	59508	52.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.46%
24) Chloroform-d	4.41	84	55622	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.09	65	29956	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.10	84	117681	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.12	67	34186	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.36	98	116823	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	7.67	79	14015	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.14	63	49043	51.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	24474	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	39673	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

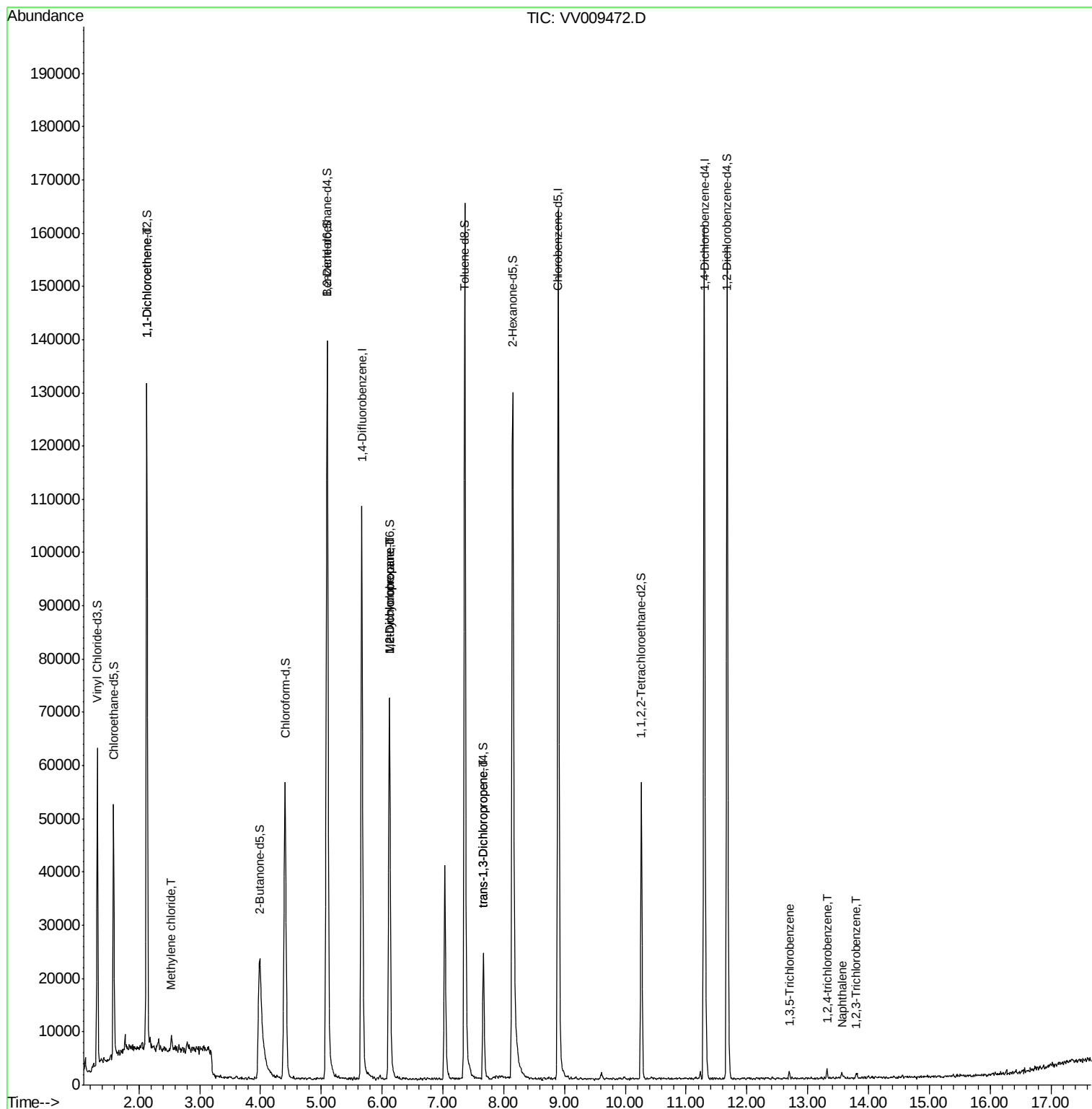
					Qvalue	
12) 1,1-Dichloroethene	2.13	96	694	0.101	ug/L #	1
16) Methylene chloride	2.54	84	1136	0.141	ug/L	86
35) Methylcyclohexane	6.12	83	8023	0.716	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4200	0.696	ug/L #	88
44) trans-1,3-Dichloropropene	7.67	75	817	0.109	ug/L #	54
67) 1,3,5-Trichlorobenzene	12.70	180	652	0.065	ug/L #	83
68) 1,2,4-trichlorobenzene	13.31	180	752	0.095	ug/L #	95
69) Naphthalene	13.56	128	1542	0.116	ug/L #	78
70) 1,2,3-Trichlorobenzene	13.80	180	579	0.081	ug/L #	88

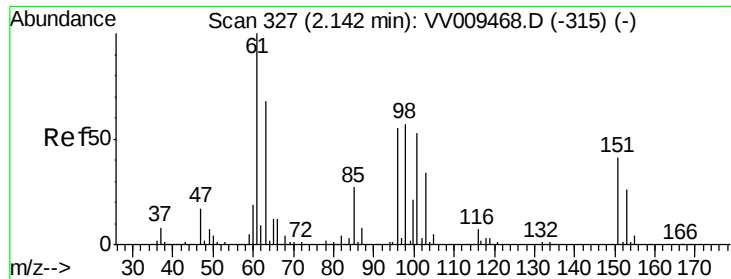
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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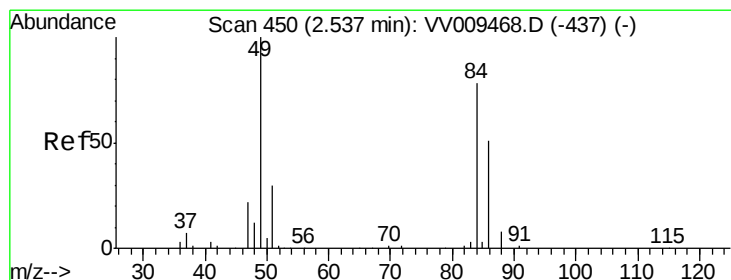
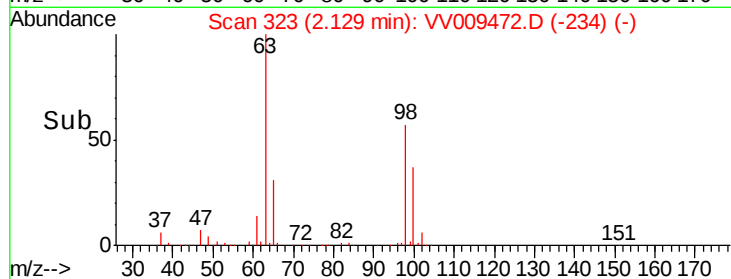
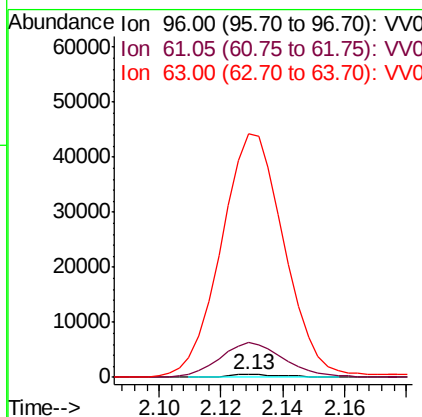
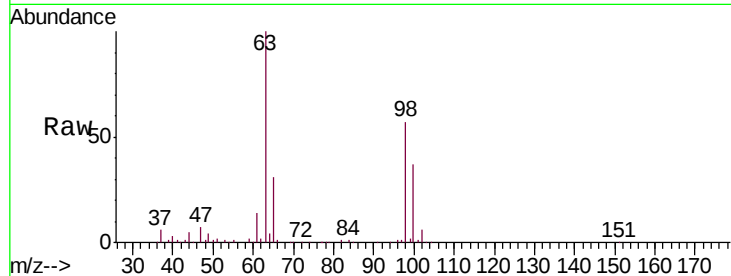




#12
 1,1-Dichloroethene
 Concen: 0.101 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV009472.D
 Acq: 04 Mar 2019 15:19

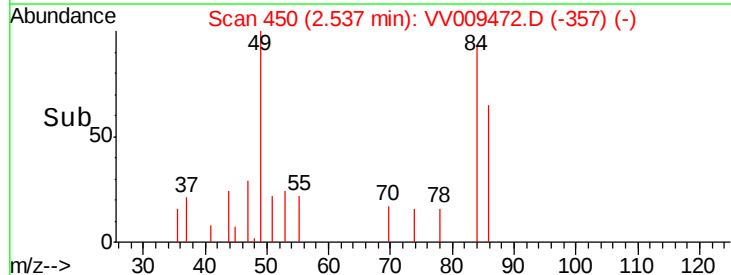
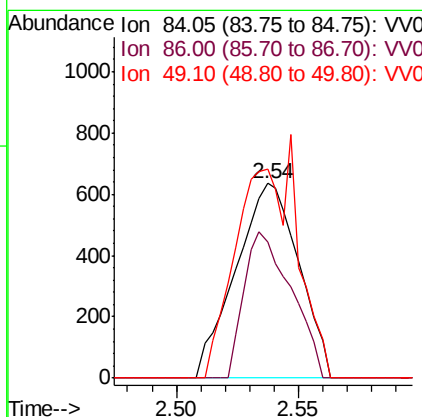
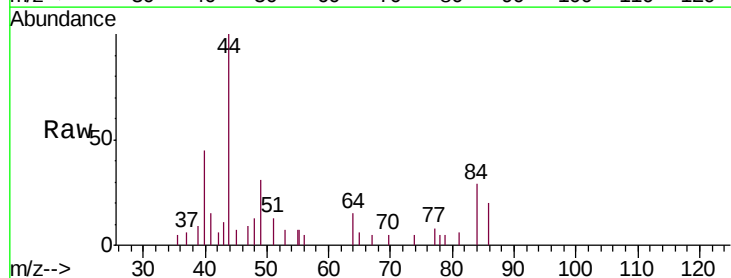
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK67

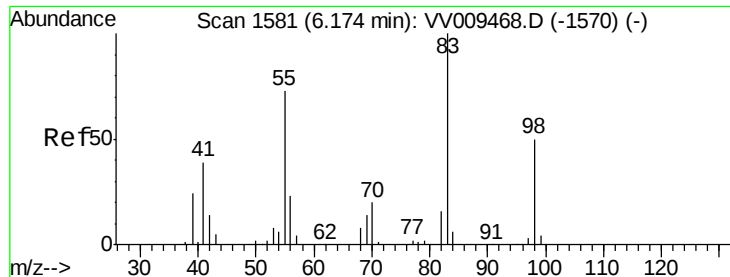
Tgt Ion: 96 Resp: 694
 Ion Ratio Lower Upper
 96 100
 61 1276.4 127.1 236.0#
 63 9010.2 88.8 164.8#



#16
 Methylene chloride
 Concen: 0.141 ug/L
 RT: 2.54 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: VV009472.D
 Acq: 04 Mar 2019 15:19

Tgt Ion: 84 Resp: 1136
 Ion Ratio Lower Upper
 84 100
 86 69.9 46.1 85.5
 49 107.4 89.7 166.5

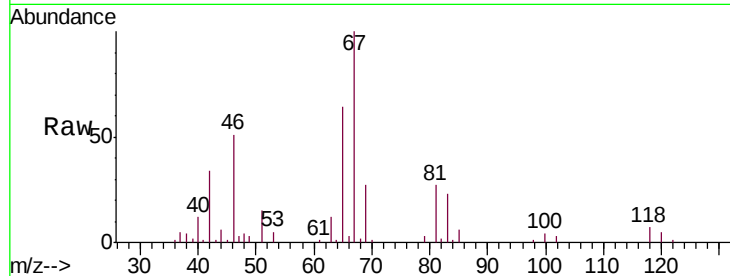




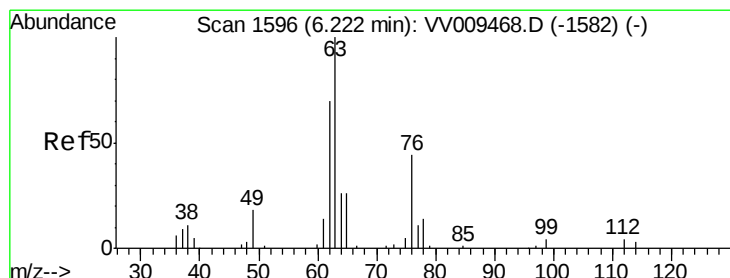
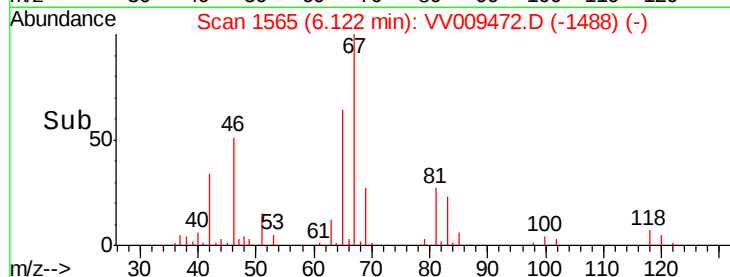
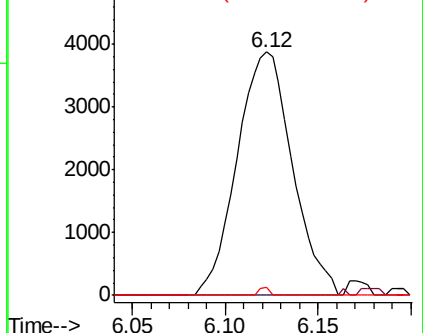
#35
Methylcyclohexane
Concen: 0.716 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV009472.D
Acq: 04 Mar 2019 15:19

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion: 83 Resp: 8023
Ion Ratio Lower Upper
83 100
55 0.2 57.4 86.2#
98 0.6 38.9 58.3#

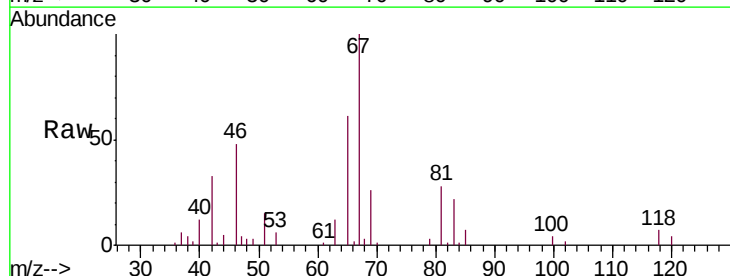


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

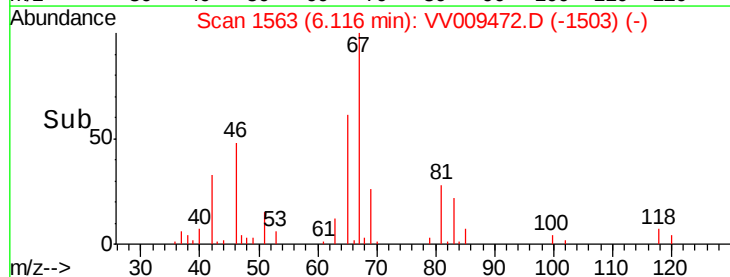
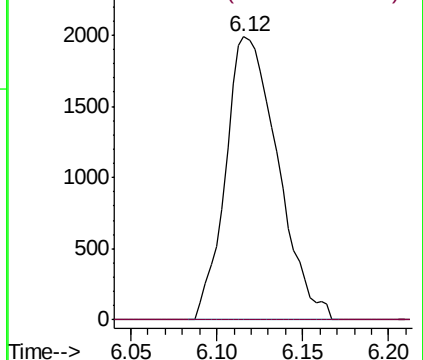


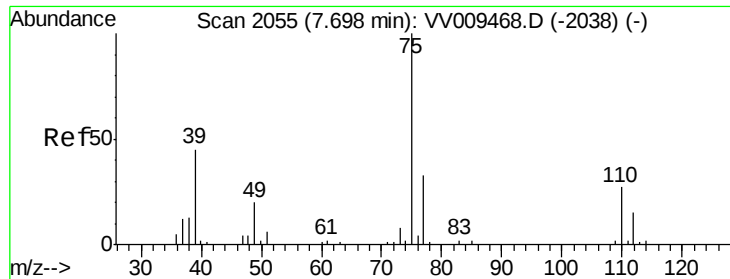
#37
1,2-Dichloropropane
Concen: 0.696 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV009472.D
Acq: 04 Mar 2019 15:19

Tgt Ion: 63 Resp: 4200
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV009472.D

Acq: 04 Mar 2019 15:19

Instrument :

MSVOA_V

ClientSampleId :

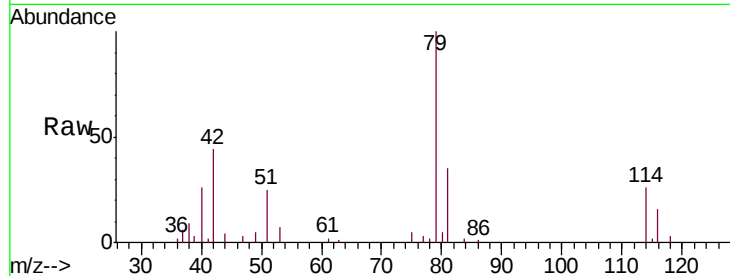
VBLK67

Tgt Ion: 75 Resp: 817

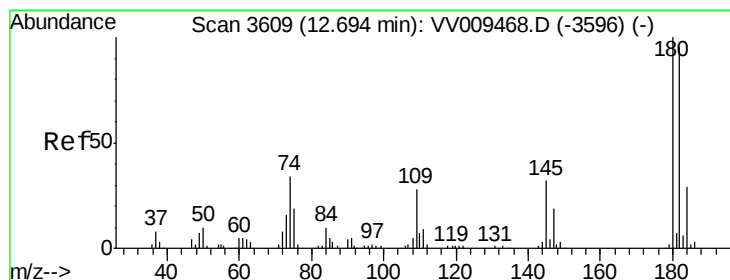
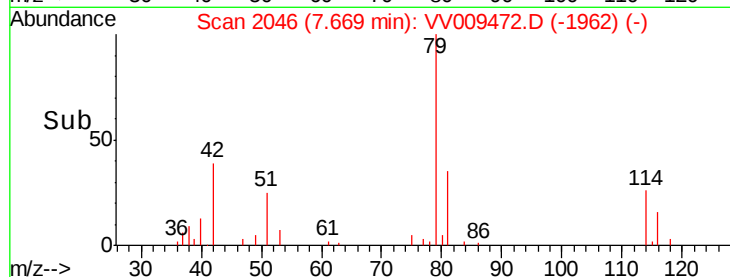
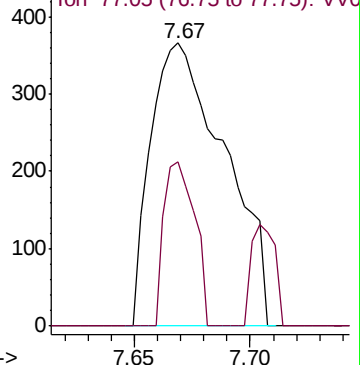
Ion Ratio Lower Upper

75 100

77 58.2 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VV009468.D (-2038) (-)



#67

1,3,5-Trichlorobenzene

Concen: 0.065 ug/L

RT: 12.70 min Scan# 3610

Delta R.T. 0.00 min

Lab File: VV009472.D

Acq: 04 Mar 2019 15:19

Tgt Ion: 180 Resp: 652

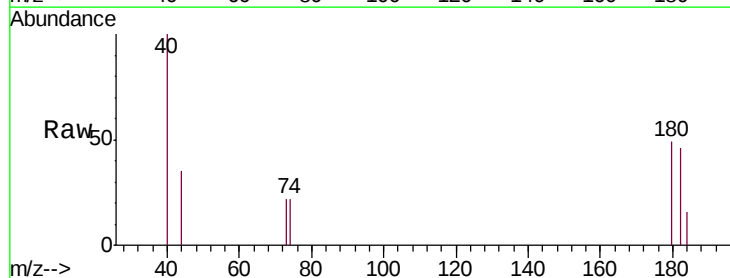
Ion Ratio Lower Upper

180 100

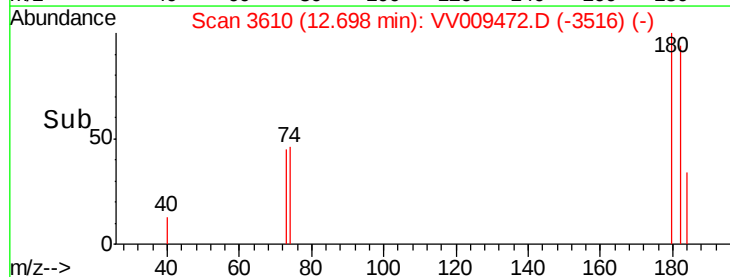
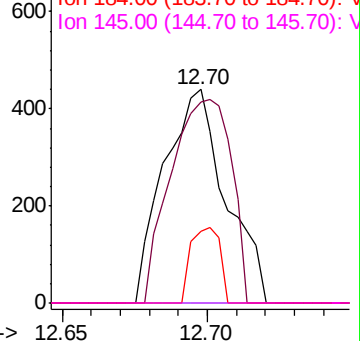
182 93.4 75.0 112.6

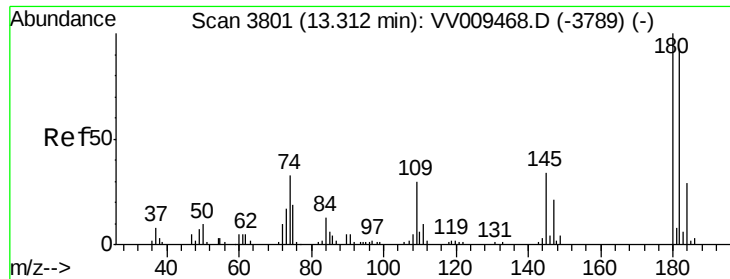
184 16.7 23.9 35.9#

145 0.0 25.3 37.9#



Abundance Ion 180.00 (179.70 to 180.70): VV009468.D (-3596) (-)

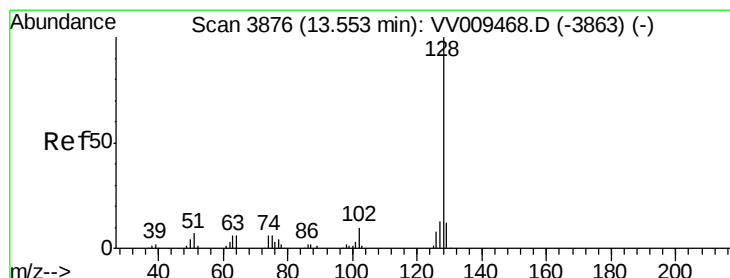
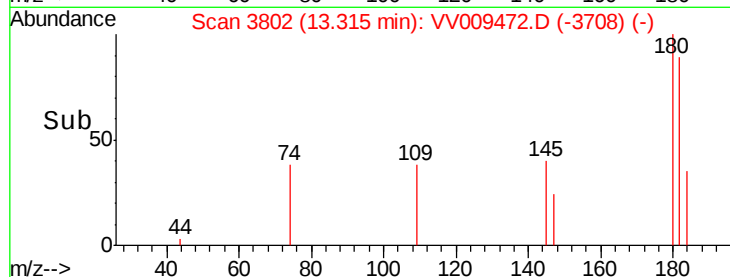
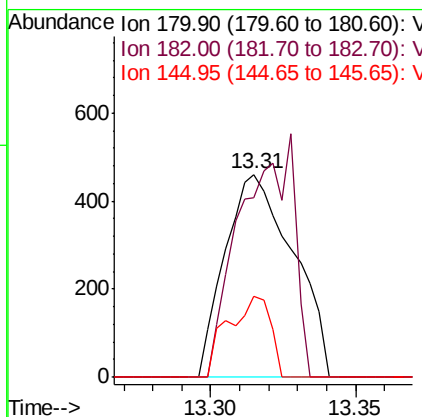
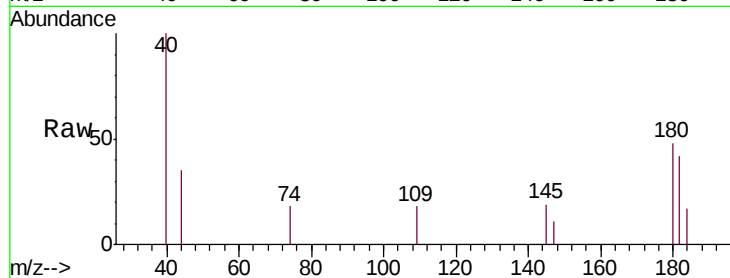




#68
 1,2,4-trichlorobenzene
 Concen: 0.095 ug/L
 RT: 13.31 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV009472.D
 Acq: 04 Mar 2019 15:19

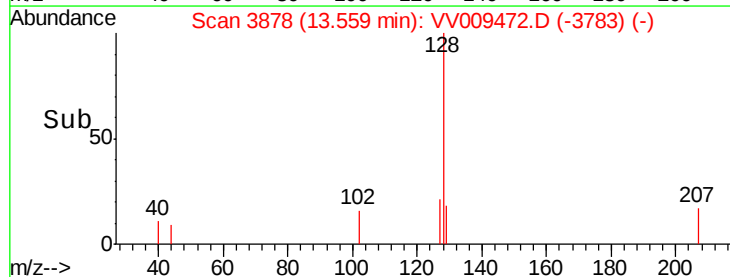
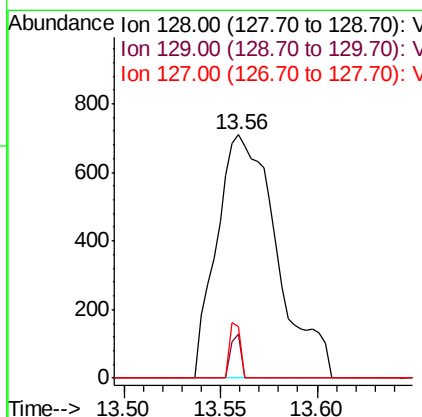
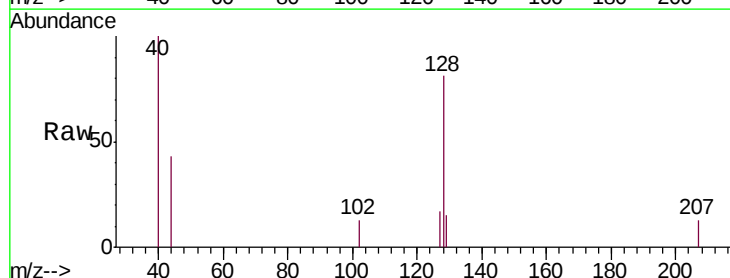
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK67

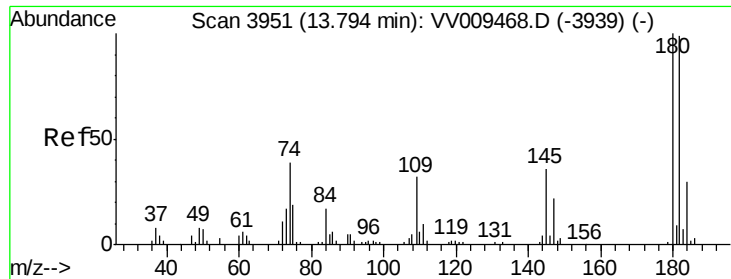
Tgt Ion:180 Resp: 752
 Ion Ratio Lower Upper
 180 100
 182 92.3 75.2 112.8
 145 24.7 26.6 39.8#



#69
 Naphthalene
 Concen: 0.116 ug/L
 RT: 13.56 min Scan# 3878
 Delta R.T. 0.01 min
 Lab File: VV009472.D
 Acq: 04 Mar 2019 15:19

Tgt Ion:128 Resp: 1542
 Ion Ratio Lower Upper
 128 100
 129 2.9 8.9 13.3#
 127 3.9 10.4 15.6#





#70

1,2,3-Trichlorobenzene

Concen: 0.081 ug/L

RT: 13.80 min Scan# 3954

Delta R.T. 0.01 min

Lab File: VV009472.D

Acq: 04 Mar 2019 15:19

Instrument :

MSVOA_V

ClientSampleId :

VBLK67

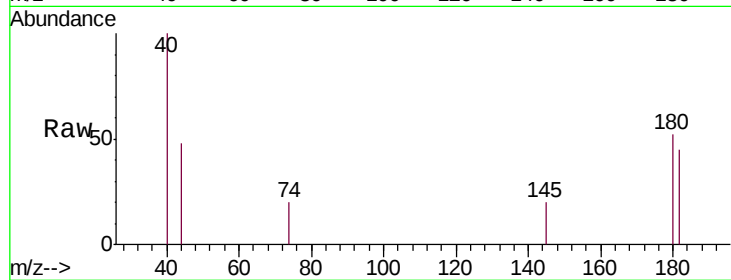
Tgt Ion:180 Resp: 579

Ion Ratio Lower Upper

180 100

182 87.0 76.8 115.2

145 24.7 28.2 42.2#



Abundance Ion 179.90 (179.60 to 180.60): V

500 Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

400

300

200

100

0

13.80

Time-->

