

Data File : VV008096.D
Acq On : 05 Oct 2018 14:15
Operator : SY/MD
Sample : VV1005WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK79

Quant Time: Oct 06 01:04:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 01:03:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	100736	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	97584	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31959	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.59	69	27037	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.13	63	48414	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	3.97	46	77178	51.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.76%
24) Chloroform-d	4.41	84	64008	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.09	65	32609	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.10	84	128120	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.12	67	39350	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.36	98	118180	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.67	79	12984	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.14	63	53893	49.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26549	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	46311	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

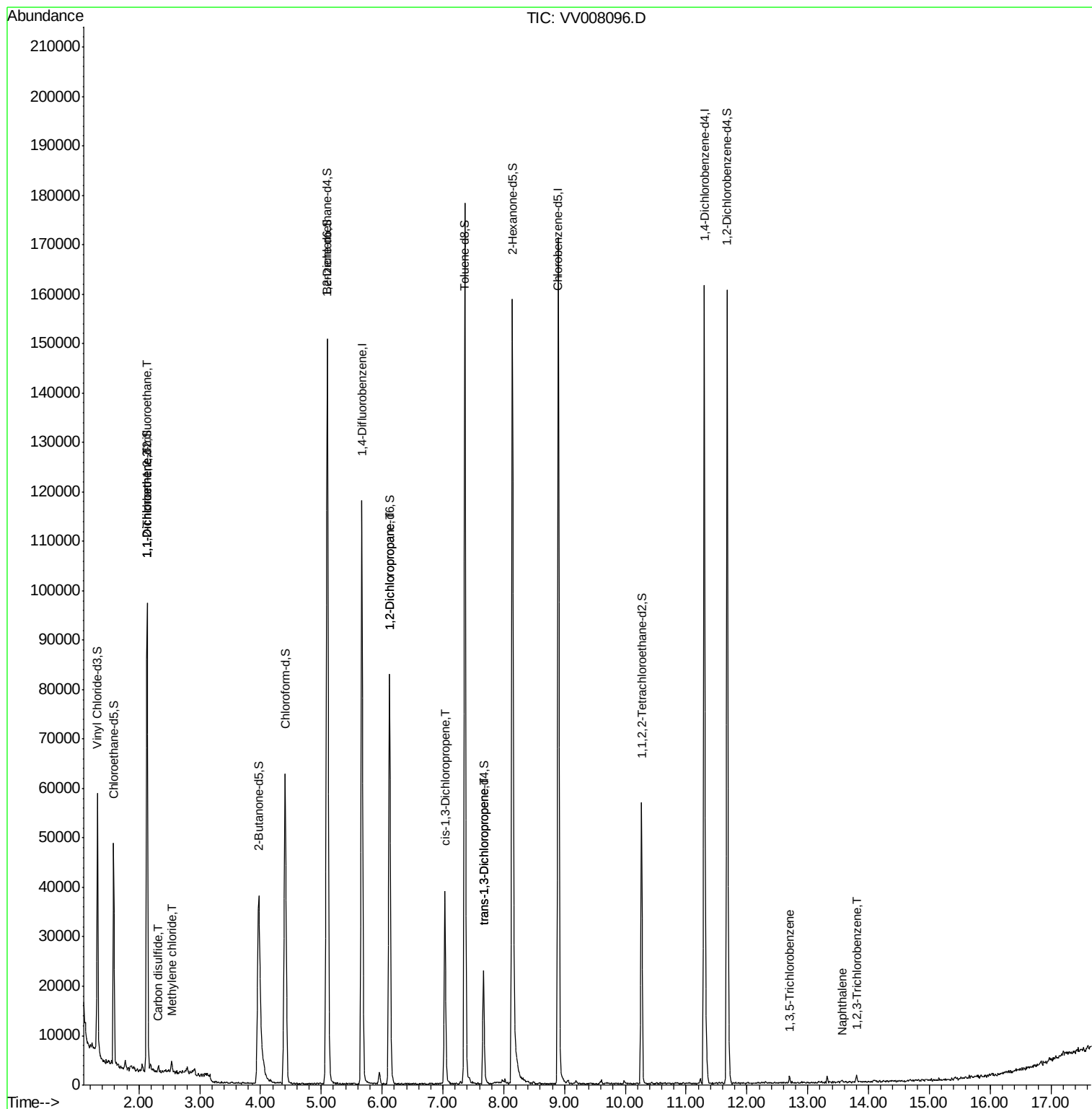
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	653	0.100	ug/L #	14
12) 1,1-Dichloroethene	2.14	96	608	0.111	ug/L #	1
14) Carbon disulfide	2.32	76	1114	0.080	ug/L #	61
16) Methylene chloride	2.54	84	767	0.116	ug/L	93
37) 1,2-Dichloropropane	6.12	63	4451	0.670	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	999	0.117	ug/L #	73
44) trans-1,3-Dichloropropene	7.67	75	611	0.088	ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	679	0.058	ug/L #	91
69) Naphthalene	13.56	128	823	0.073	ug/L #	70
70) 1,2,3-Trichlorobenzene	13.80	180	605	0.073	ug/L	88

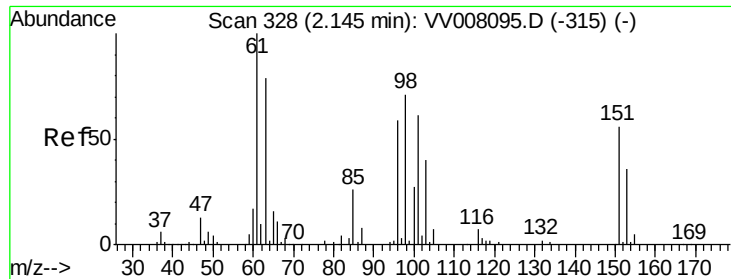
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV008096.D
Acq On : 05 Oct 2018 14:15
Operator : SY/MD
Sample : VV1005WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK79

Quant Time: Oct 06 01:04:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 01:03:16 2018
Response via : Initial Calibration





#10

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

Concen: 0.100 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008096.D

Acq: 05 Oct 2018 14:15

Instrument :

MSVOA_V

ClientSampled :

VBLK79

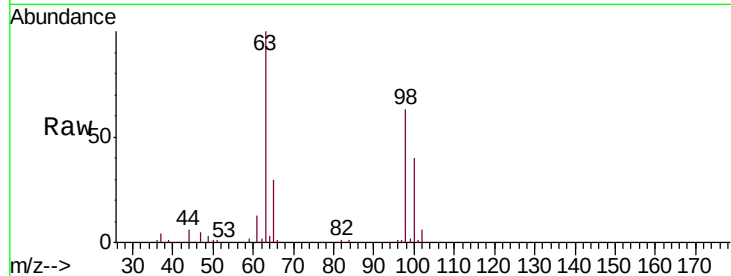
Tgt Ion:101 Resp: 653

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

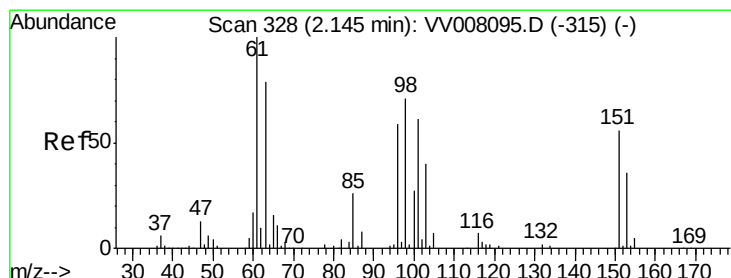
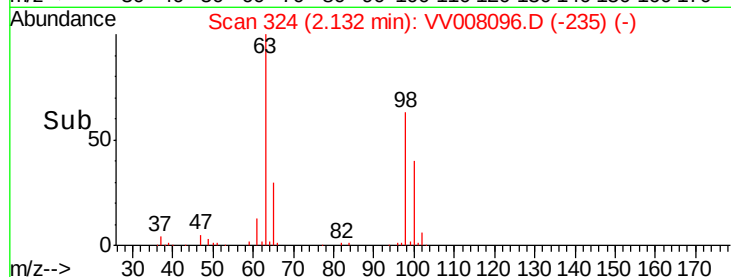
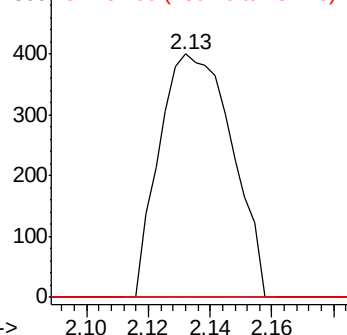
151 0.0 70.7 106.1#



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



#12

1,1-Dichloroethene

Concen: 0.111 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV008096.D

Acq: 05 Oct 2018 14:15

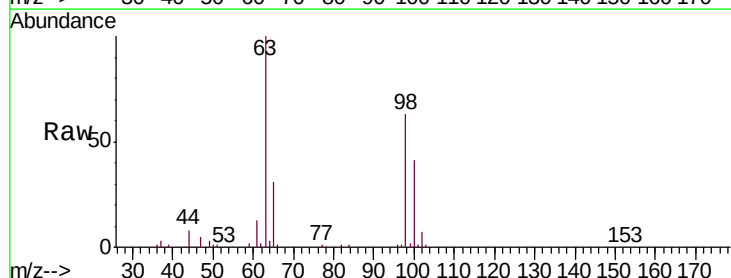
Tgt Ion: 96 Resp: 608

Ion Ratio Lower Upper

96 100

61 1009.3 114.7 213.1#

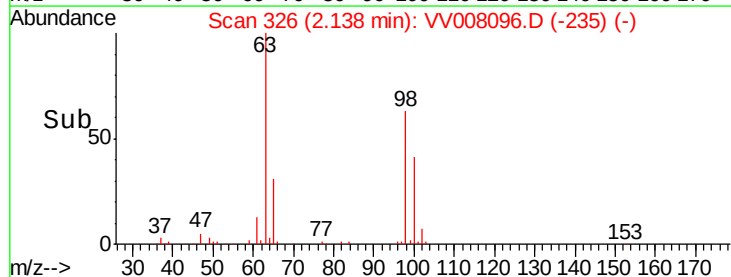
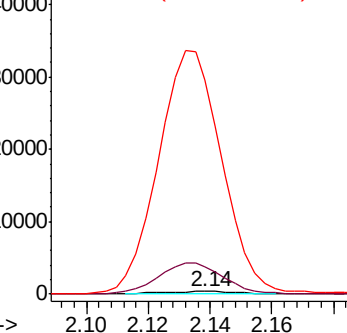
63 7834.9 96.9 179.9#

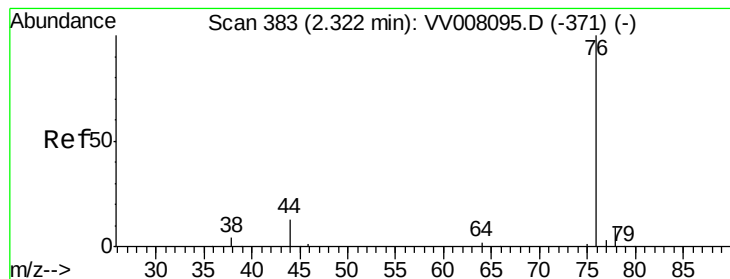


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.080 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VV008096.D

Acq: 05 Oct 2018 14:15

Instrument :

MSVOA_V

ClientSampled :

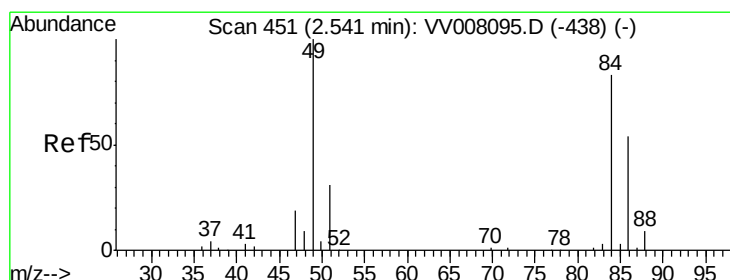
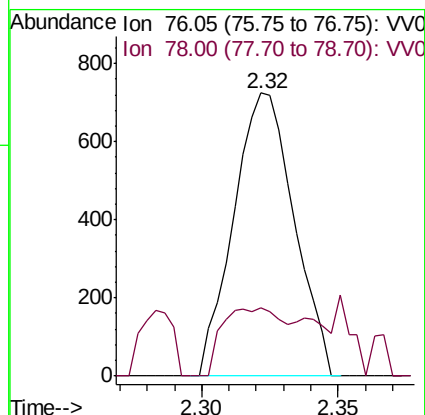
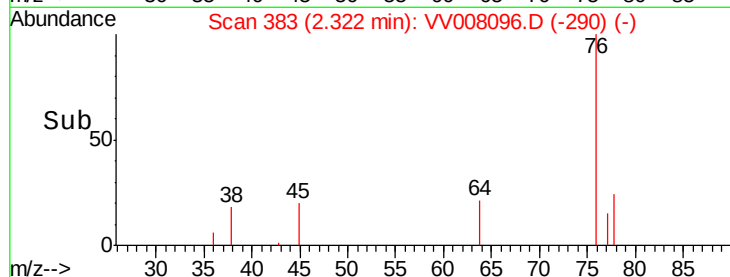
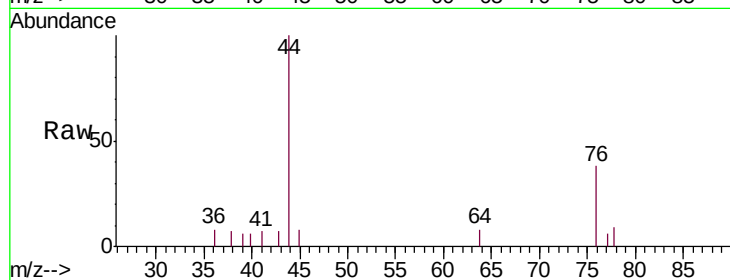
VBLK79

Tgt Ion: 76 Resp: 1114

Ion Ratio Lower Upper

76 100

78 24.3 8.0 12.0#



#16

Methylene chloride

Concen: 0.116 ug/L

RT: 2.54 min Scan# 451

Delta R.T. -0.00 min

Lab File: VV008096.D

Acq: 05 Oct 2018 14:15

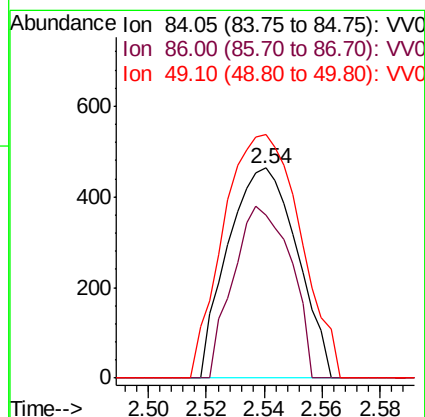
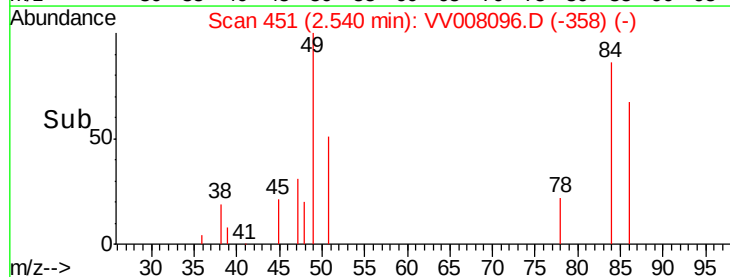
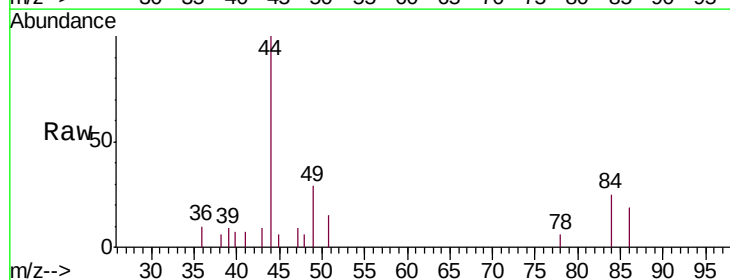
Tgt Ion: 84 Resp: 767

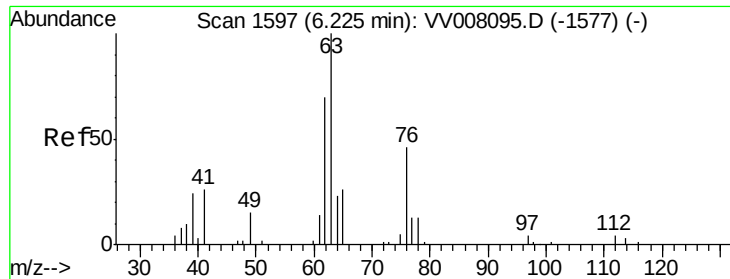
Ion Ratio Lower Upper

84 100

86 78.0 45.3 84.1

49 116.0 83.0 154.1





#37

1,2-Dichloropropane

Concen: 0.670 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.11 min

Lab File: VV008096.D

Acq: 05 Oct 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

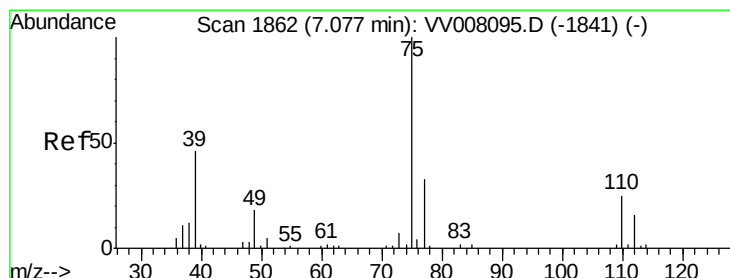
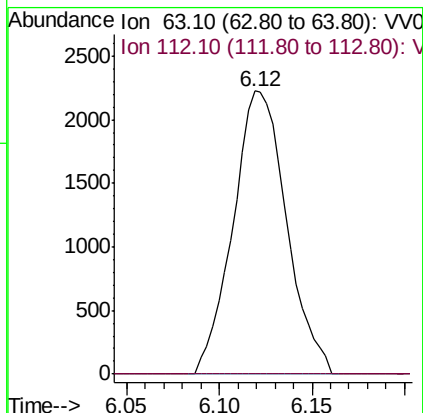
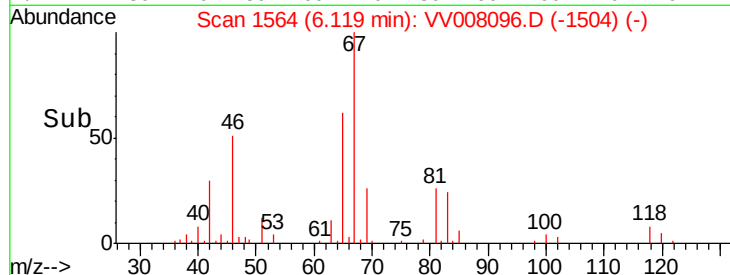
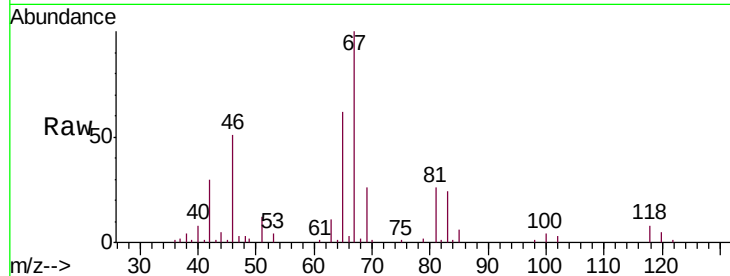
VBLK79

Tgt Ion: 63 Resp: 4451

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.05 min

Lab File: VV008096.D

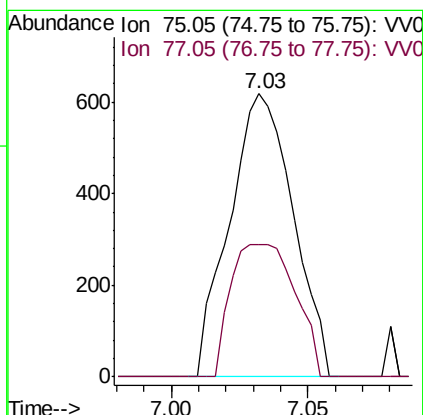
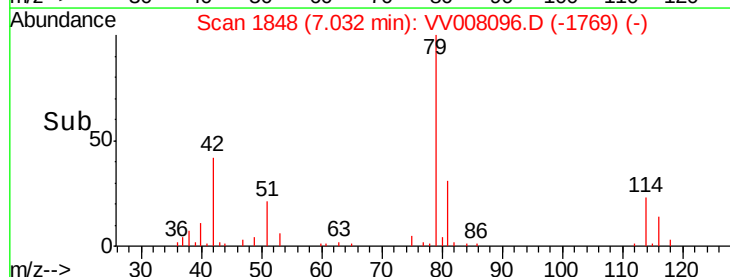
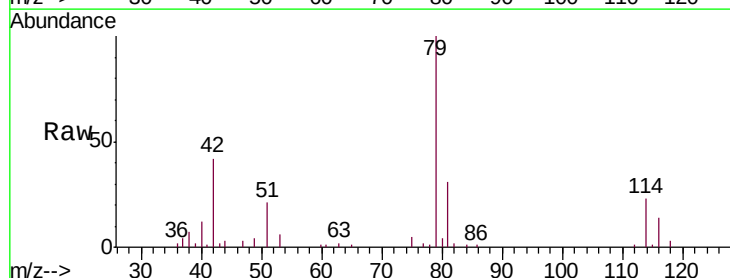
Acq: 05 Oct 2018 14:15

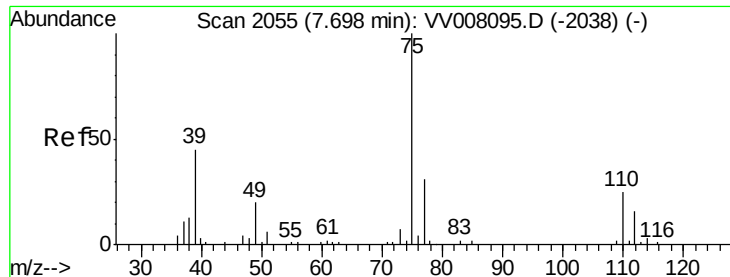
Tgt Ion: 75 Resp: 999

Ion Ratio Lower Upper

75 100

77 46.6 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008096.D

Acq: 05 Oct 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

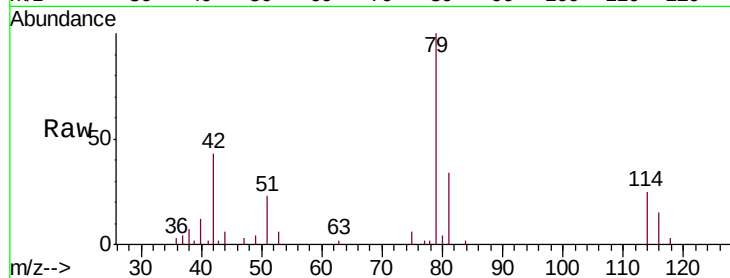
VBLK79

Tgt Ion: 75 Resp: 611

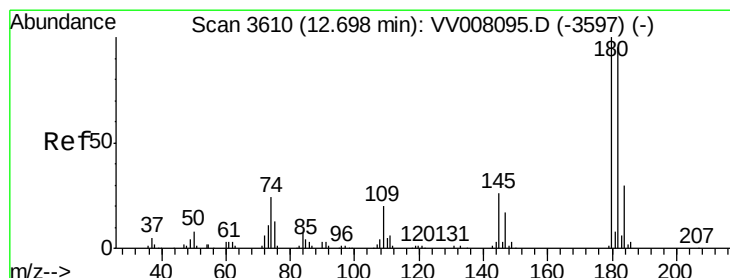
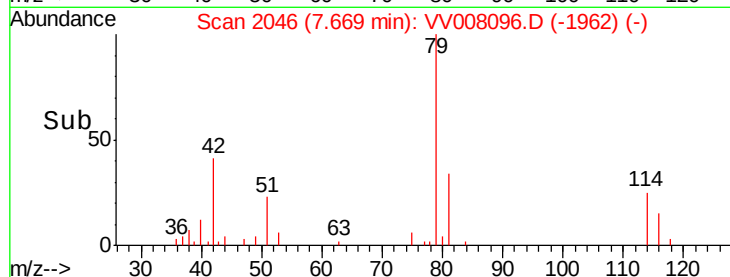
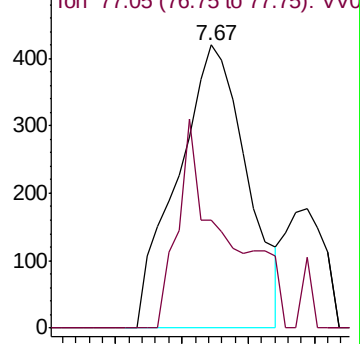
Ion Ratio Lower Upper

75 100

77 38.1 23.4 43.6



Abundance Ion 75.05 (74.75 to 75.75): VV008095.D (-2038) (-)



#67

1,3,5-Trichlorobenzene

Concen: 0.058 ug/L

RT: 12.70 min Scan# 3611

Delta R.T. 0.00 min

Lab File: VV008096.D

Acq: 05 Oct 2018 14:15

Tgt Ion: 180 Resp: 679

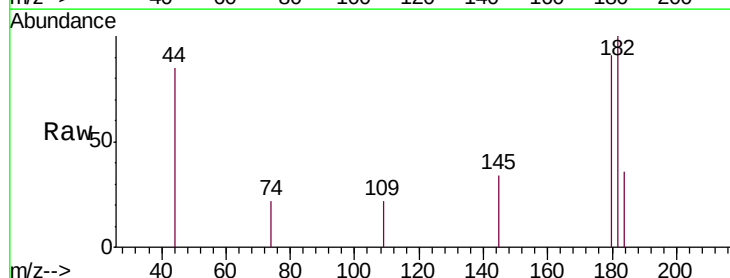
Ion Ratio Lower Upper

180 100

182 103.2 77.0 115.6

184 24.7 24.2 36.2

145 19.4 22.2 33.2#

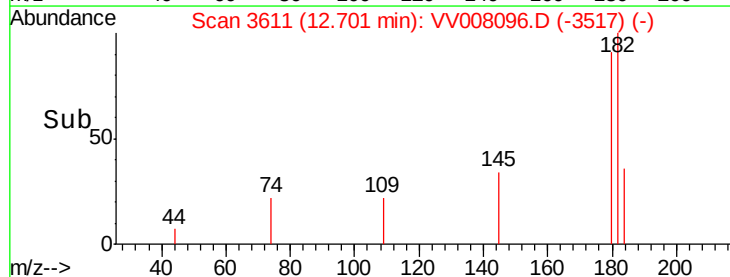
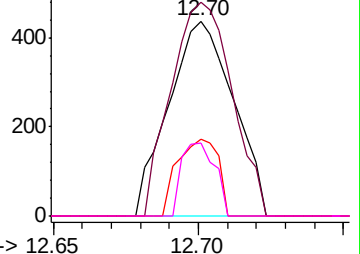


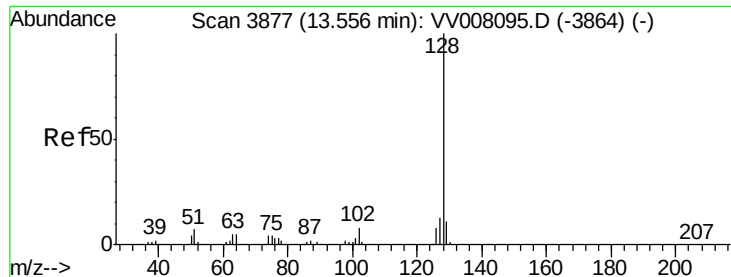
Abundance Ion 180.00 (179.70 to 180.70): VV008095.D (-3597) (-)

Ion 182.00 (181.70 to 182.70): VV008095.D (-3597) (-)

Ion 184.00 (183.70 to 184.70): VV008095.D (-3597) (-)

Ion 145.00 (144.70 to 145.70): VV008095.D (-3597) (-)





#69

Naphthalene

Concen: 0.073 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.01 min

Lab File: VV008096.D

Acq: 05 Oct 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

VBLK79

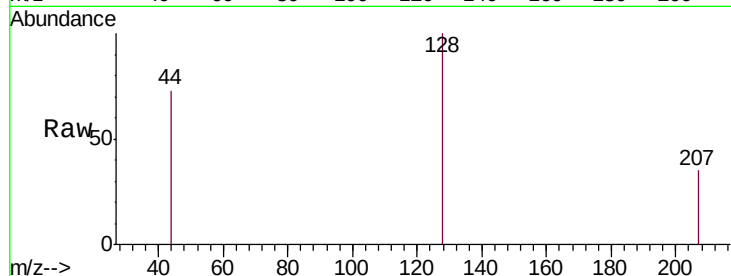
Tgt Ion:128 Resp: 823

Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

127 0.0 10.2 15.2#



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

13.56

400

300

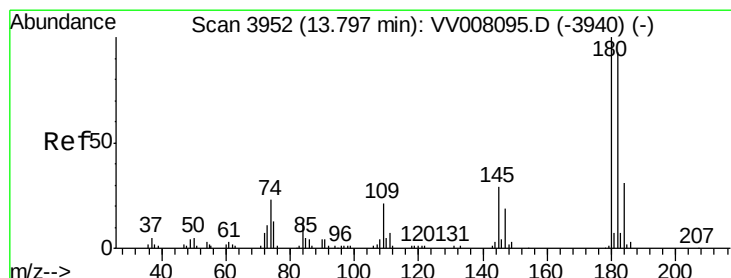
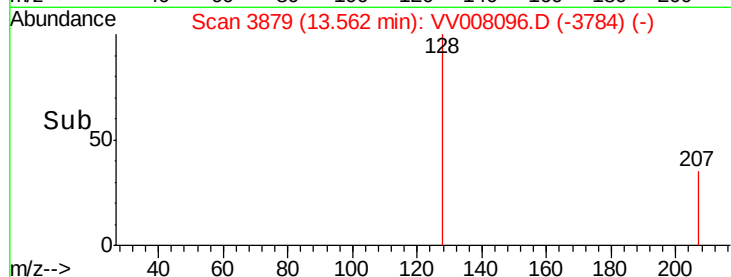
200

100

0

13.55 13.60

Time-->



#70

1,2,3-Trichlorobenzene

Concen: 0.073 ug/L

RT: 13.80 min Scan# 3954

Delta R.T. 0.01 min

Lab File: VV008096.D

Acq: 05 Oct 2018 14:15

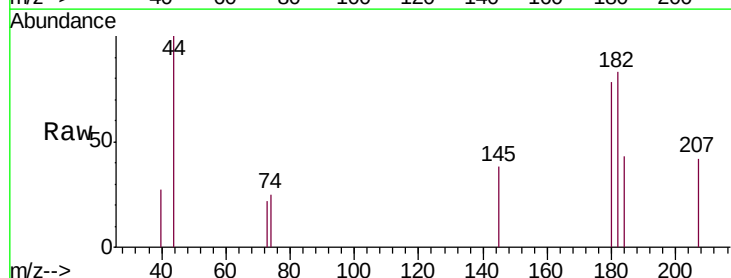
Tgt Ion:180 Resp: 605

Ion Ratio Lower Upper

180 100

182 106.8 75.1 112.7

145 24.0 23.2 34.8



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

13.80

400

300

200

100

0

13.80

Time-->

