

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007793.D
 Acq On : 23 Sep 2018 17:12
 Operator : SY/MD
 Sample : J5014-08
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E8JC2

Quant Time: Sep 24 07:22:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	196179	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	187390	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35419	33.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.44%
7) Chloroethane-d5	1.59	69	37180	38.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.74%
11) 1,1-Dichloroethene-d2	2.14	63	73642	29.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.58%#
21) 2-Butanone-d5	3.95	46	37757	53.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	53.62%
24) Chloroform-d	4.41	84	84232	36.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.80%
26) 1,2-Dichloroethane-d4	5.09	65	60934	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.70%
32) Benzene-d6	5.11	84	180661	41.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.88%
36) 1,2-Dichloropropane-d6	6.13	67	53310	41.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.82%
41) Toluene-d8	7.36	98	185754	41.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.54%
43) trans-1,3-Dichloropropene-	7.67	79	24004	37.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.86%
47) 2-Hexanone-d5	8.14	63	41492	74.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80215	40.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	90393	43.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.74%

Target Compounds

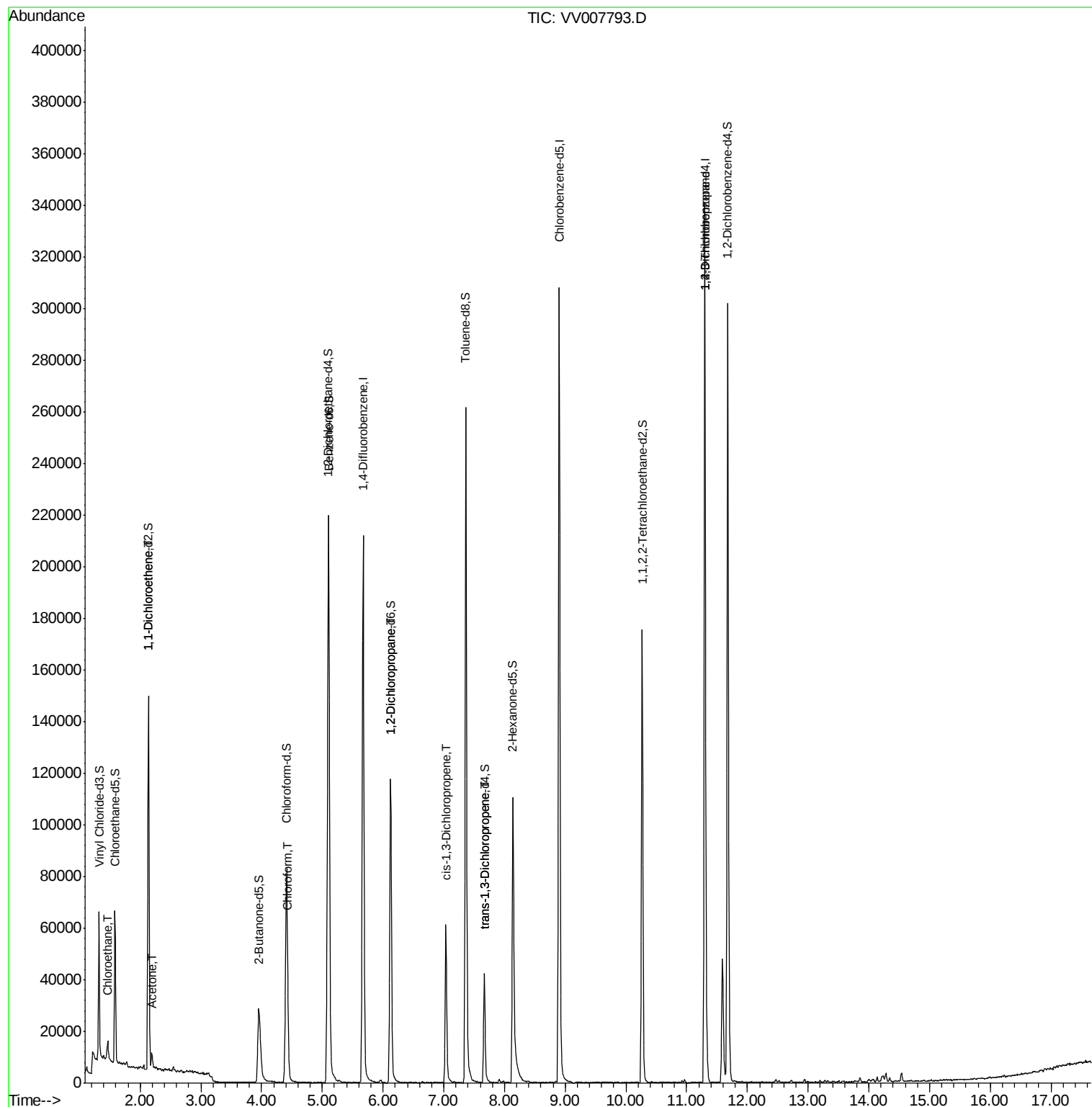
					Qvalue
8) Chloroethane	1.46	64	2609	3.077 ug/L #	56
12) 1,1-Dichloroethene	2.14	96	730	0.561 ug/L #	1
13) Acetone	2.19	43	4274	5.751 ug/L	93
25) Chloroform	4.44	83	6351	2.889 ug/L	100
37) 1,2-Dichloropropane	6.13	63	6497	5.749 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1789	0.985 ug/L #	65
44) trans-1,3-Dichloropropene	7.67	75	1087	0.630 ug/L #	75
59) 1,2,3-Trichloropropane	11.30	75	10229	6.401 ug/L #	88

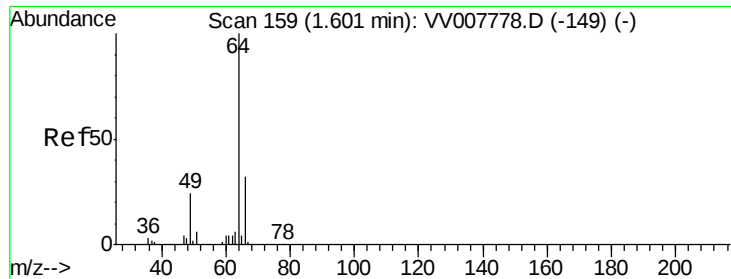
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Sep 24 07:19:48 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 3.077 ug/L

RT: 1.46 min Scan# 116

Delta R.T. -0.14 min

Lab File: VV007793.D

Acq: 23 Sep 2018 17:12

Instrument :

MSVOA_V

ClientSampled :

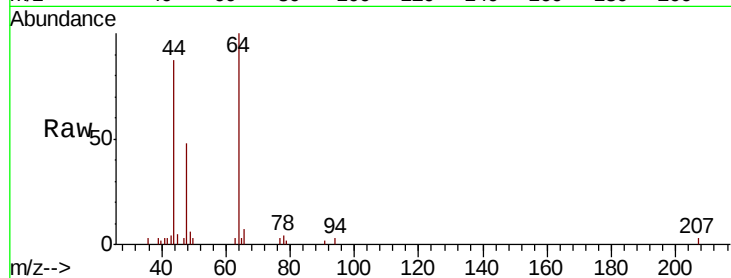
E8JC2

Tgt Ion: 64 Resp: 2609

Ion Ratio Lower Upper

64 100

66 7.4 22.3 41.5#



Abundance Ion 64.00 (63.70 to 64.70): VV007778.D (-149) (-)

Ion 66.00 (65.70 to 66.70): VV007778.D (-149) (-)

1.46

6000

5000

4000

3000

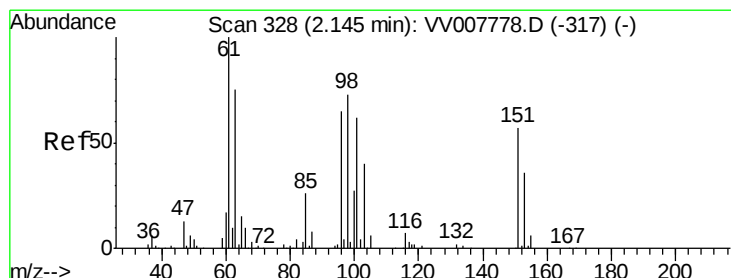
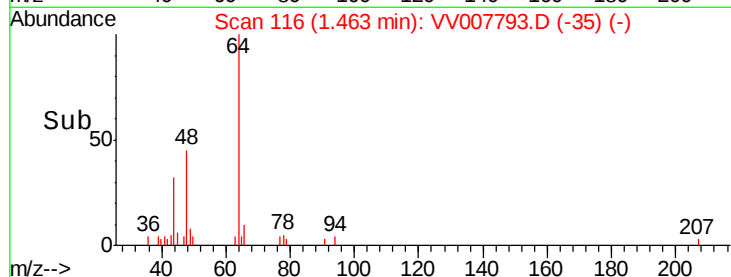
2000

1000

0

1.44 1.46 1.48 1.50

Time-->



#12

1,1-Dichloroethene

Concen: 0.561 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV007793.D

Acq: 23 Sep 2018 17:12

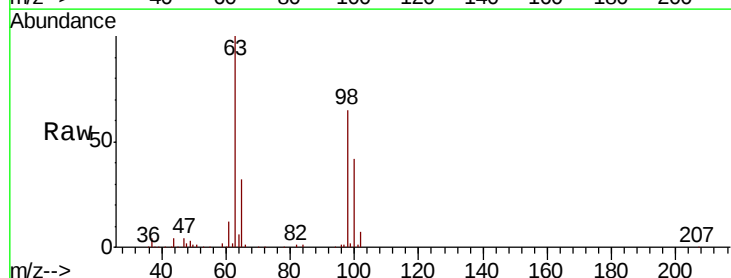
Tgt Ion: 96 Resp: 730

Ion Ratio Lower Upper

96 100

61 1126.1 107.3 199.3#

63 9140.6 78.8 146.4#



Abundance Ion 96.00 (95.70 to 96.70): VV007778.D (-317) (-)

Ion 61.00 (60.70 to 61.70): VV007778.D (-317) (-)

Ion 63.00 (62.70 to 63.70): VV007778.D (-317) (-)

60000

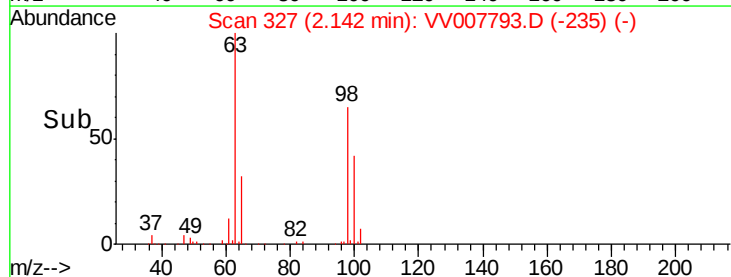
40000

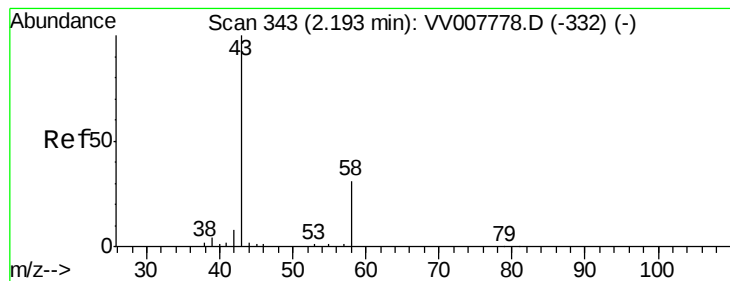
20000

0

2.10 2.12 2.14 2.16

Time-->





#13

Acetone

Concen: 5.751 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV007793.D

Acq: 23 Sep 2018 17:12

Instrument :

MSVOA_V

ClientSampleId :

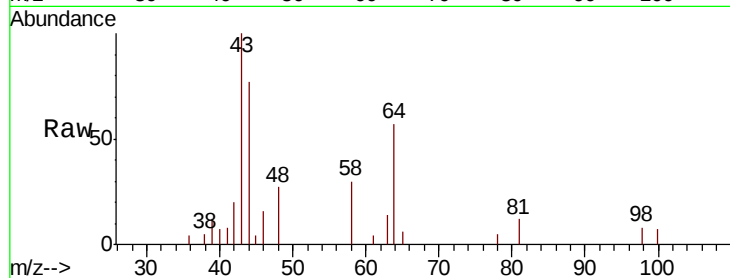
E8JC2

Tgt Ion: 43 Resp: 4274

Ion Ratio Lower Upper

43 100

58 28.5 0.0 65.2



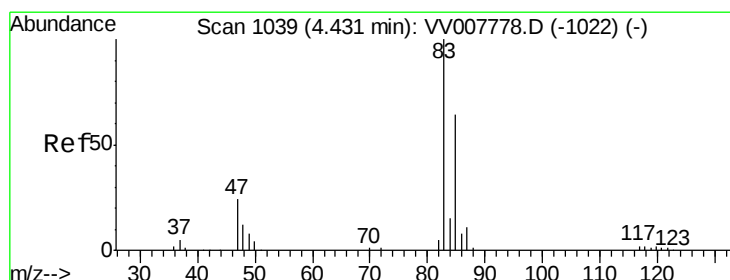
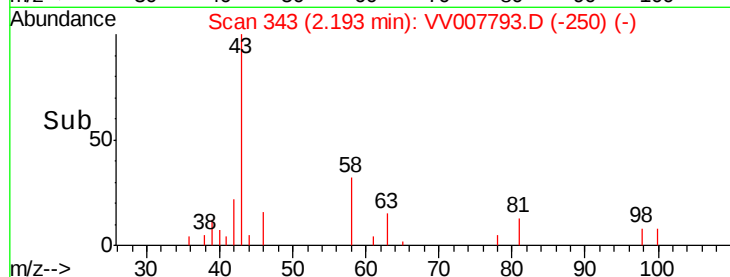
Abundance Ion 43.00 (42.70 to 43.70): VV007778.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV007778.D (-332) (-)

2.19

2.15 2.20 2.25

Time-->



#25

Chloroform

Concen: 2.889 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VV007793.D

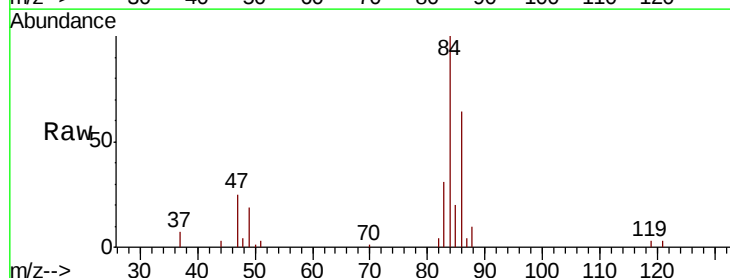
Acq: 23 Sep 2018 17:12

Tgt Ion: 83 Resp: 6351

Ion Ratio Lower Upper

83 100

85 63.3 44.0 81.8



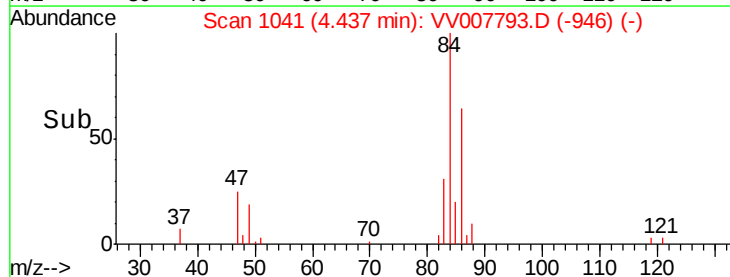
Abundance Ion 83.00 (82.70 to 83.70): VV007778.D (-1022) (-)

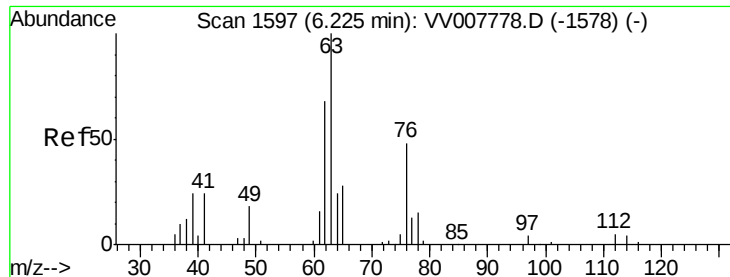
Ion 85.00 (84.70 to 85.70): VV007778.D (-1022) (-)

4.44

4.35 4.40 4.45 4.50

Time-->





#37

1,2-Dichloropropane

Concen: 5.749 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007793.D

Acq: 23 Sep 2018 17:12

Instrument :

MSVOA_V

ClientSampled :

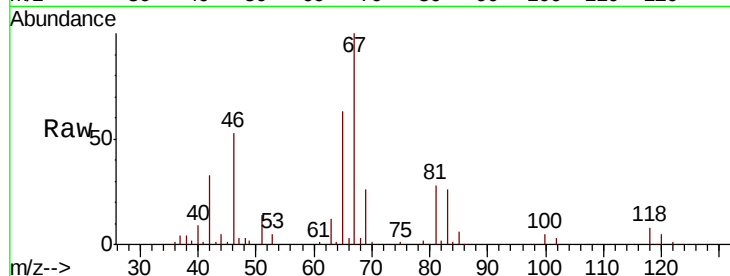
E8JC2

Tgt Ion: 63 Resp: 6497

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV007778.D (-1578) (-)

Ion 112.00 (111.70 to 112.70): VV007778.D (-1578) (-)

6.13

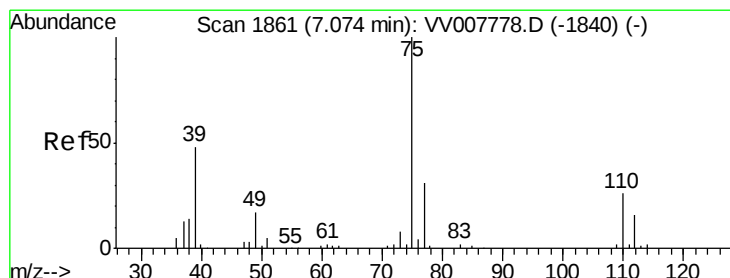
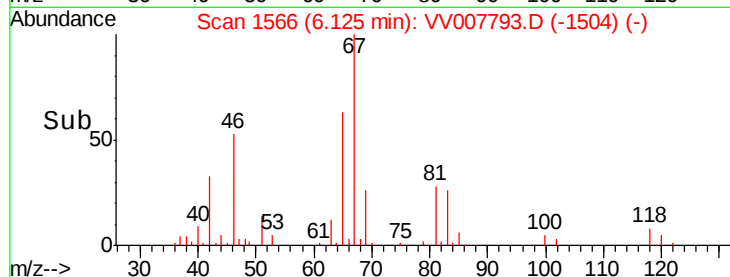
3000

2000

1000

0

Time--> 6.05 6.10 6.15



#39

cis-1,3-Dichloropropene

Concen: 0.985 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV007793.D

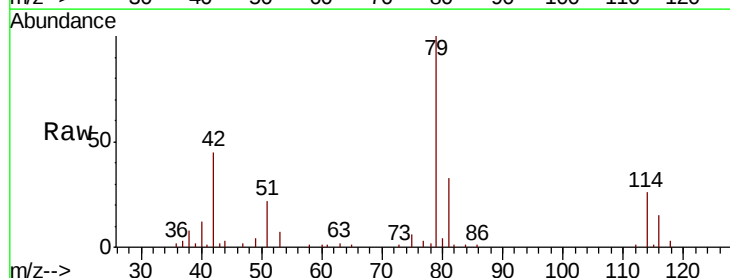
Acq: 23 Sep 2018 17:12

Tgt Ion: 75 Resp: 1789

Ion Ratio Lower Upper

75 100

77 50.8 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VV007778.D (-1840) (-)

Ion 77.00 (76.70 to 77.70): VV007778.D (-1840) (-)

7.04

1200

1000

800

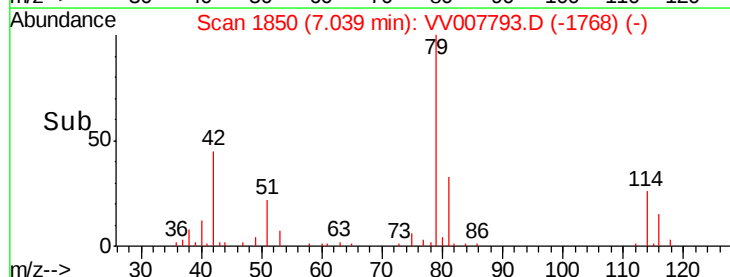
600

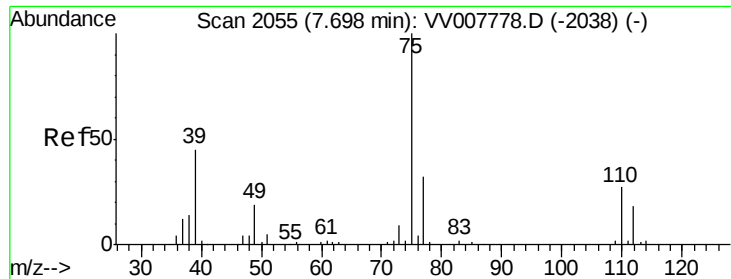
400

200

0

Time--> 7.00 7.05





#44

trans-1,3-Dichloropropene

Concen: 0.630 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007793.D

Acq: 23 Sep 2018 17:12

Instrument :

MSVOA_V

ClientSampleId :

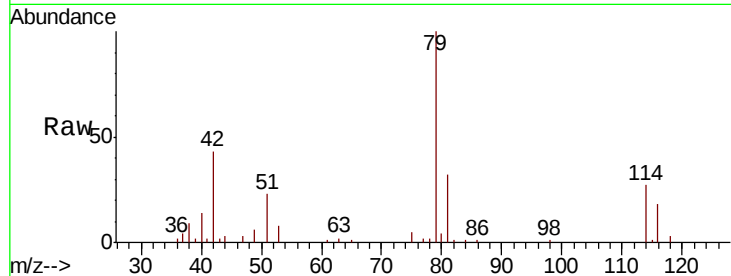
E8JC2

Tgt Ion: 75 Resp: 1087

Ion Ratio Lower Upper

75 100

77 45.5 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.67

600

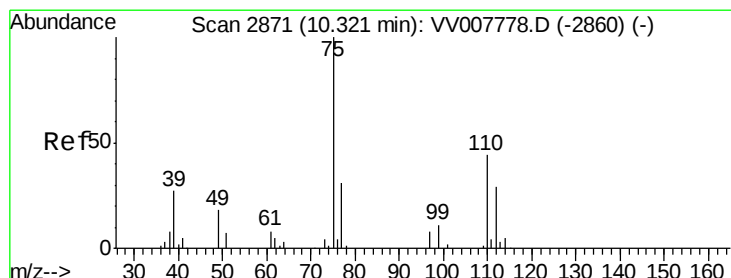
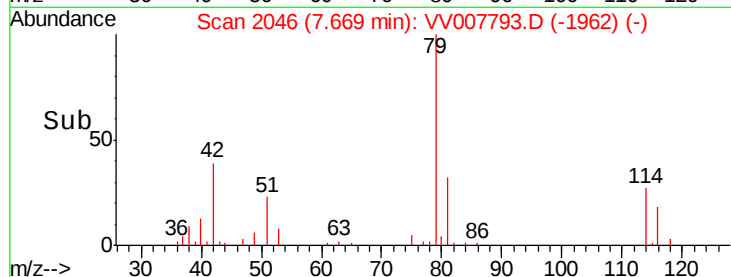
400

200

0

7.64 7.66 7.68 7.70

Time-->



#59

1,2,3-Trichloropropane

Concen: 6.401 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV007793.D

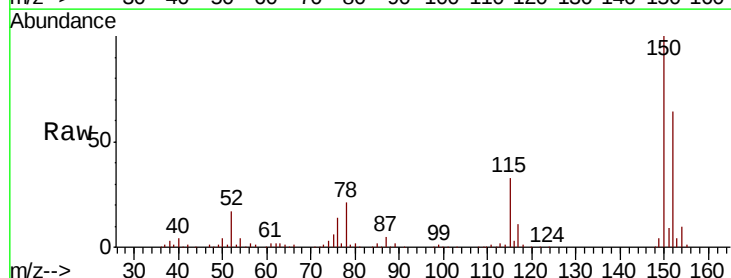
Acq: 23 Sep 2018 17:12

Tgt Ion: 75 Resp: 10229

Ion Ratio Lower Upper

75 100

77 38.8 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

11.30

6000

4000

2000

0

11.25 11.30 11.35

Time-->

