

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007923.D
 Acq On : 27 Sep 2018 22:34
 Operator : SY/MD
 Sample : J5063-17
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 03:47:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 03:46:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	90661	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85521	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41909	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22311	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.59	69	20857	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.14	63	37104	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.98	46	71509	48.92	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.84%
24) Chloroform-d	4.41	84	53309	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.09	65	28910	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.10	84	100808	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	32270	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.36	98	95888	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.67	79	10086	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	52295	47.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23299	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	40606	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

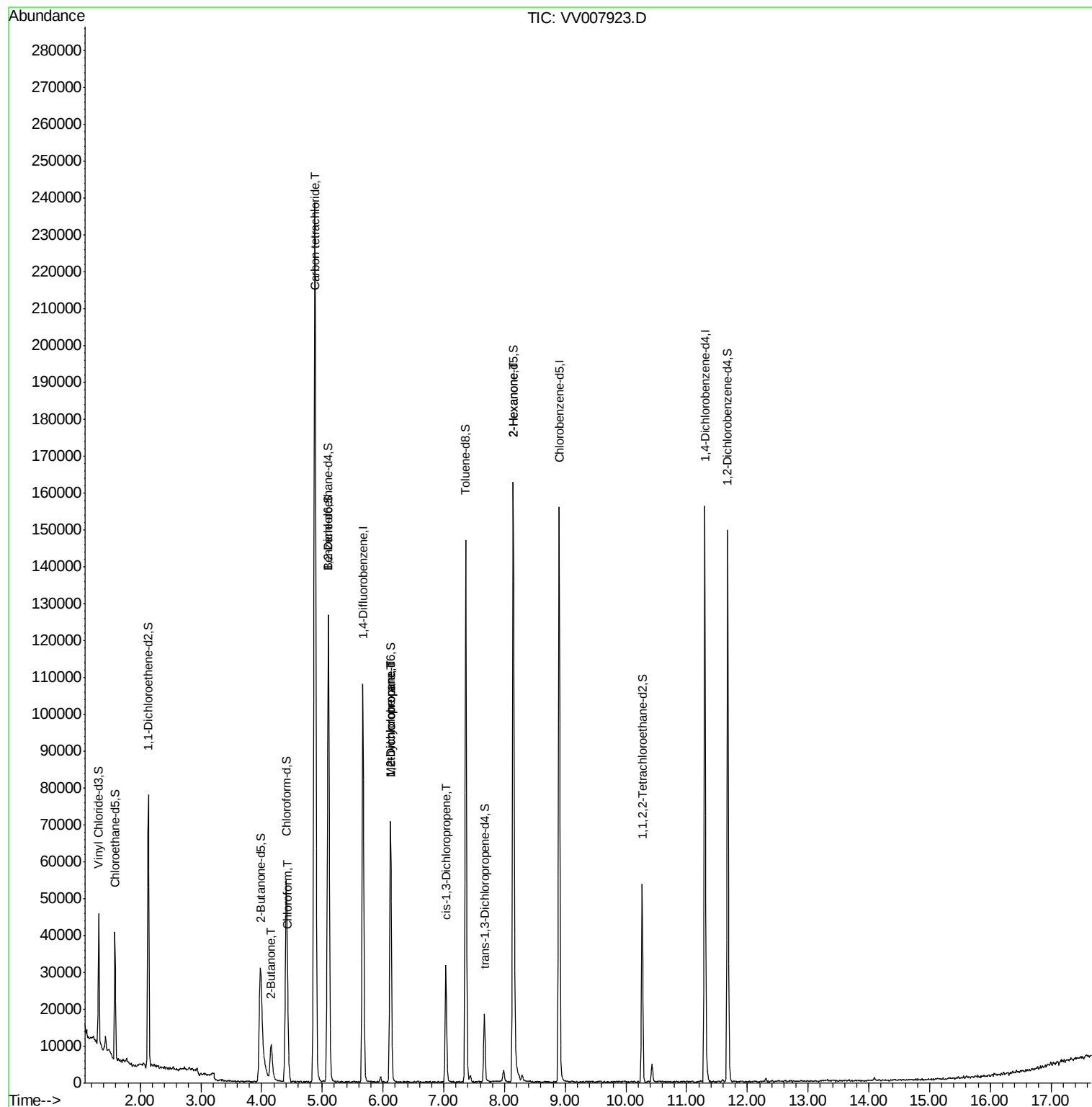
					Ovalue
21) 2-Butanone	4.16	43	15997	9.427 ug/L #	50
25) Chloroform	4.44	83	6396	0.525 ug/L	96
31) Carbon tetrachloride	4.88	117	173908	19.183 ug/L	100
35) Methylcyclohexane	6.12	83	8035	0.764 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3806	0.608 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	807	0.096 ug/L #	45
48) 2-Hexanone	8.14	43	8271	3.029 ug/L #	73

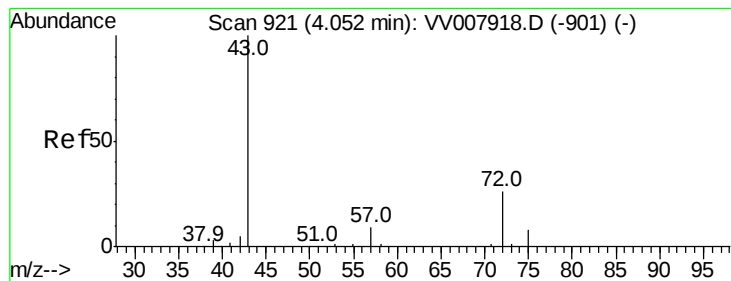
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 9.427 ug/L

RT: 4.16 min Scan# 954

Delta R.T. 0.11 min

Lab File: VV007923.D

Acq: 27 Sep 2018 22:34

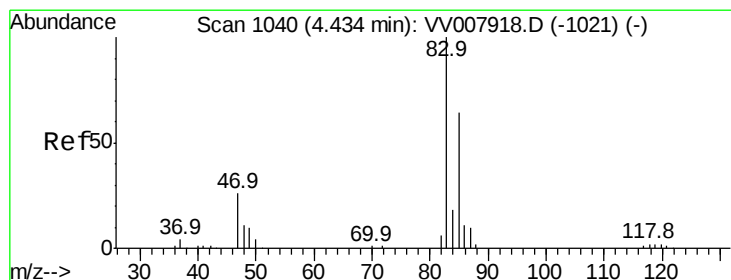
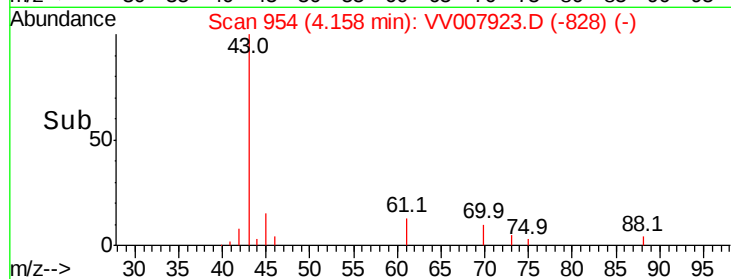
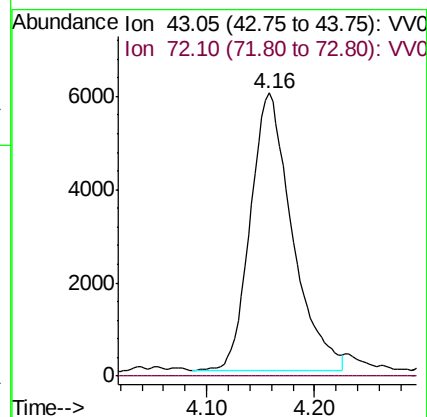
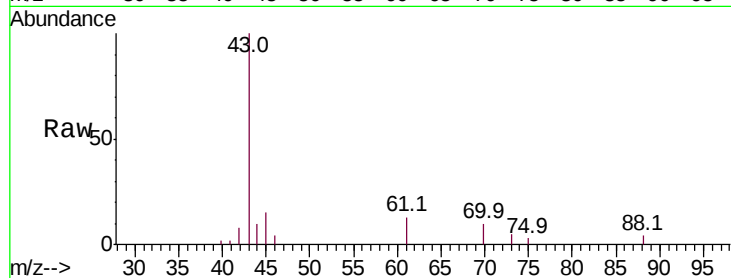
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 15997

Ion Ratio Lower Upper

43 100

72 0.0 12.5 37.5#



#25

Chloroform

Concen: 0.525 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VV007923.D

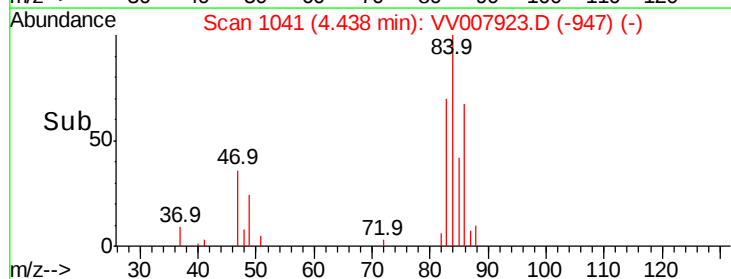
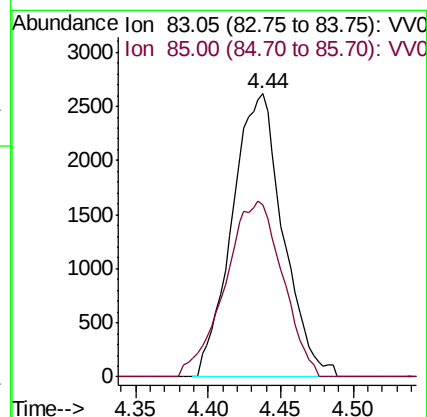
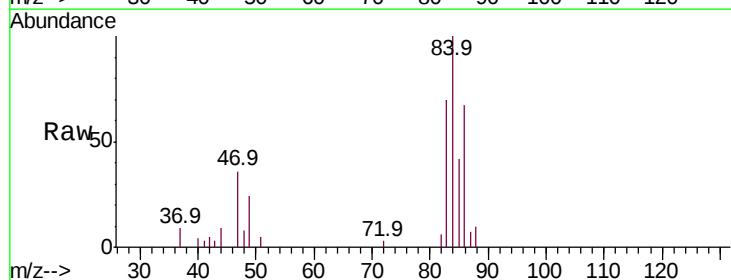
Acq: 27 Sep 2018 22:34

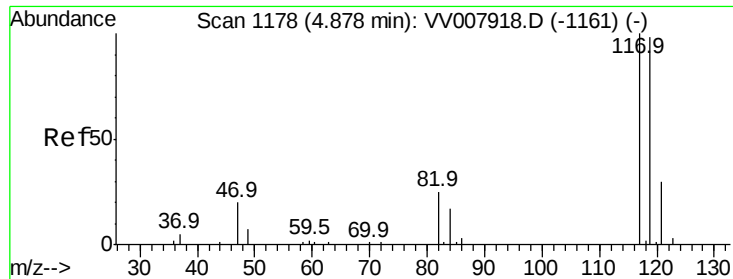
Tgt Ion: 83 Resp: 6396

Ion Ratio Lower Upper

83 100

85 60.7 44.8 83.2

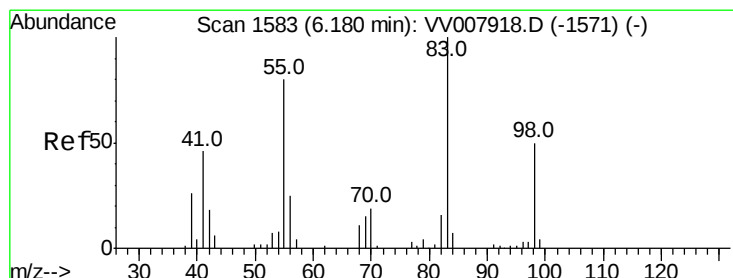
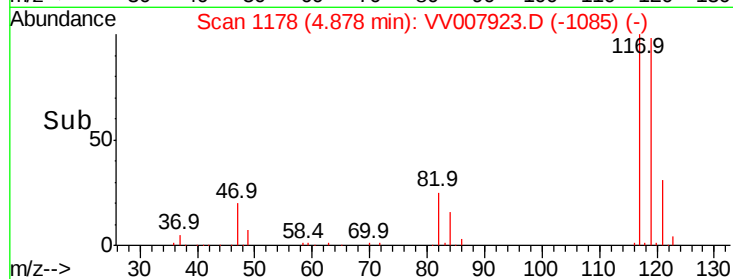
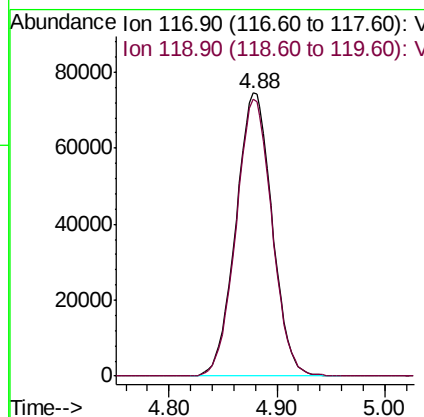
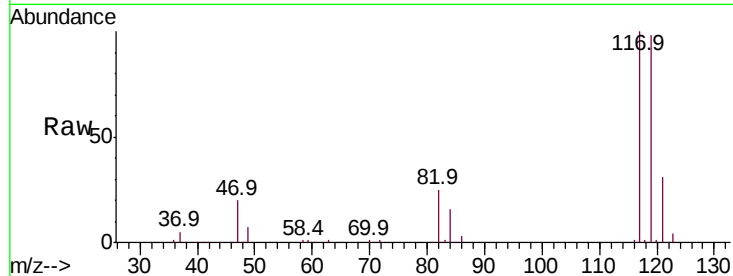




#31
Carbon tetrachloride
Concen: 19.183 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VV007923.D
Acq: 27 Sep 2018 22:34

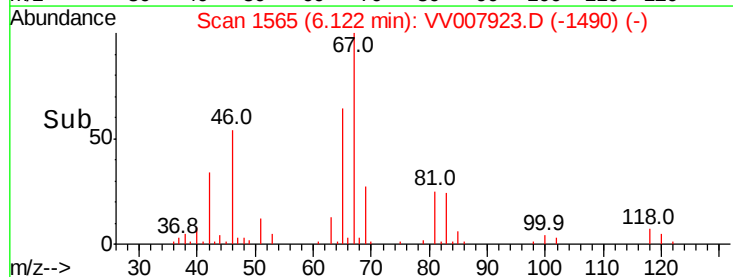
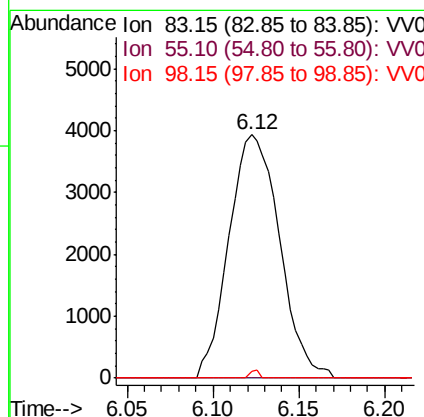
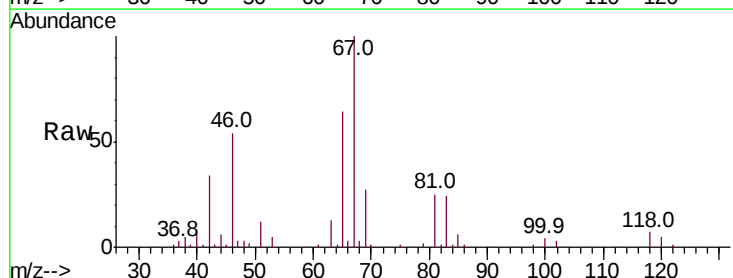
Instrument :
MSVOA_V
ClientSampleId :

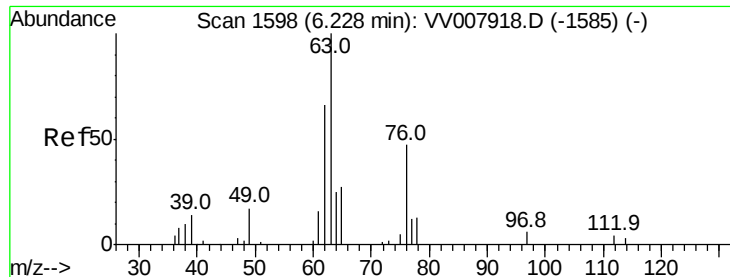
Tot Ion:117 Resp: 173908
Ion Ratio Lower Upper
117 100
119 97.3 77.8 116.8



#35
Methylcyclohexane
Concen: 0.764 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007923.D
Acq: 27 Sep 2018 22:34

Tgt Ion: 83 Resp: 8035
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.6 38.0 57.0#





#37

1,2-Dichloropropane

Concen: 0.608 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.11 min

Lab File: VV007923.D

Acq: 27 Sep 2018 22:34

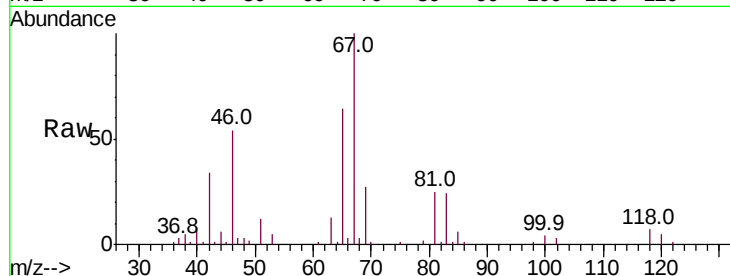
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 3806

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV007918.D (-1585) (-)

Ion 112.10 (111.80 to 112.80): VV007918.D (-1585) (-)

6.12

2000

1500

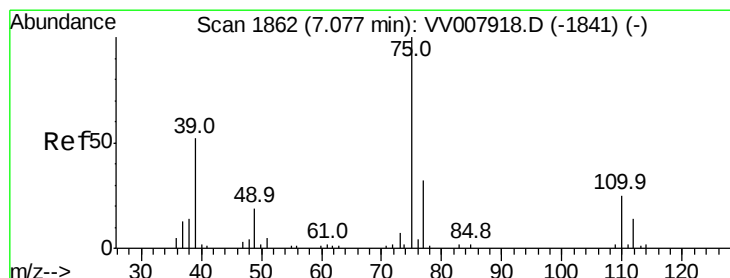
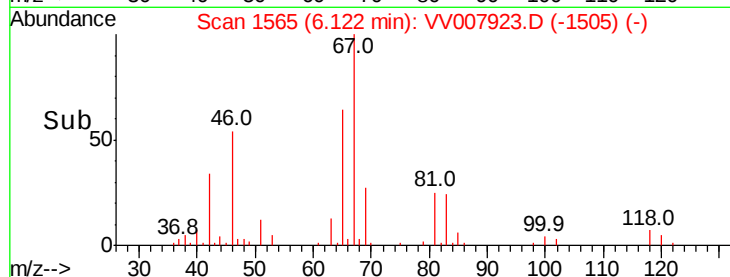
1000

500

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV007923.D

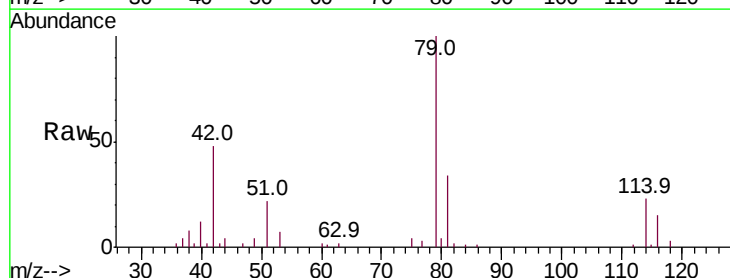
Acq: 27 Sep 2018 22:34

Tgt Ion: 75 Resp: 807

Ion Ratio Lower Upper

75 100

77 63.7 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV007918.D (-1841) (-)

Ion 77.05 (76.75 to 77.75): VV007918.D (-1841) (-)

7.03

500

400

300

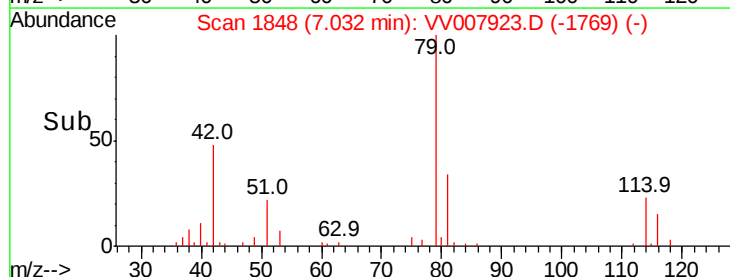
200

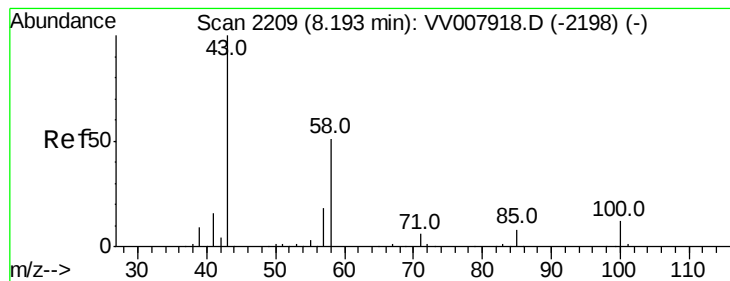
100

0

7.00 7.05

Time-->





#48

2-Hexanone

Concen: 3.029 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.05 min

Lab File: VV007923.D

Acq: 27 Sep 2018 22:34

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8271

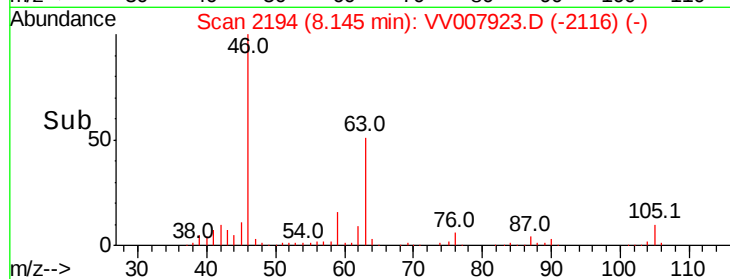
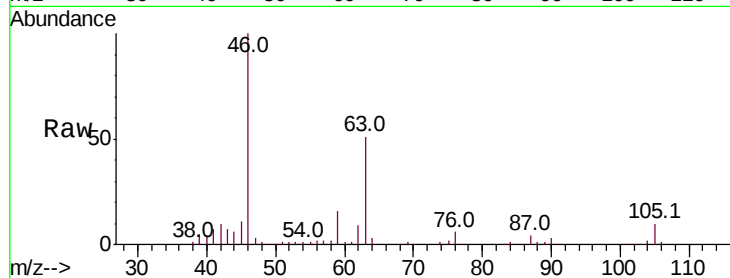
Ion Ratio Lower Upper

43 100

58 32.8 41.9 62.9#

57 28.4 14.3 21.5#

100 0.6 9.2 13.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

