

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007927.D
 Acq On : 28 Sep 2018 00:24
 Operator : SY/MD
 Sample : J5063-14
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 03:48:17 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	91346	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87449	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42177	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20636	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.59	69	20061	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.14	63	35524	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.96	46	66313	45.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.04%
24) Chloroform-d	4.41	84	49437	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.09	65	27893	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.10	84	96321	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.12	67	30452	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.36	98	90611	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.67	79	10029	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.14	63	45693	40.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.24%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22367	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	37485	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

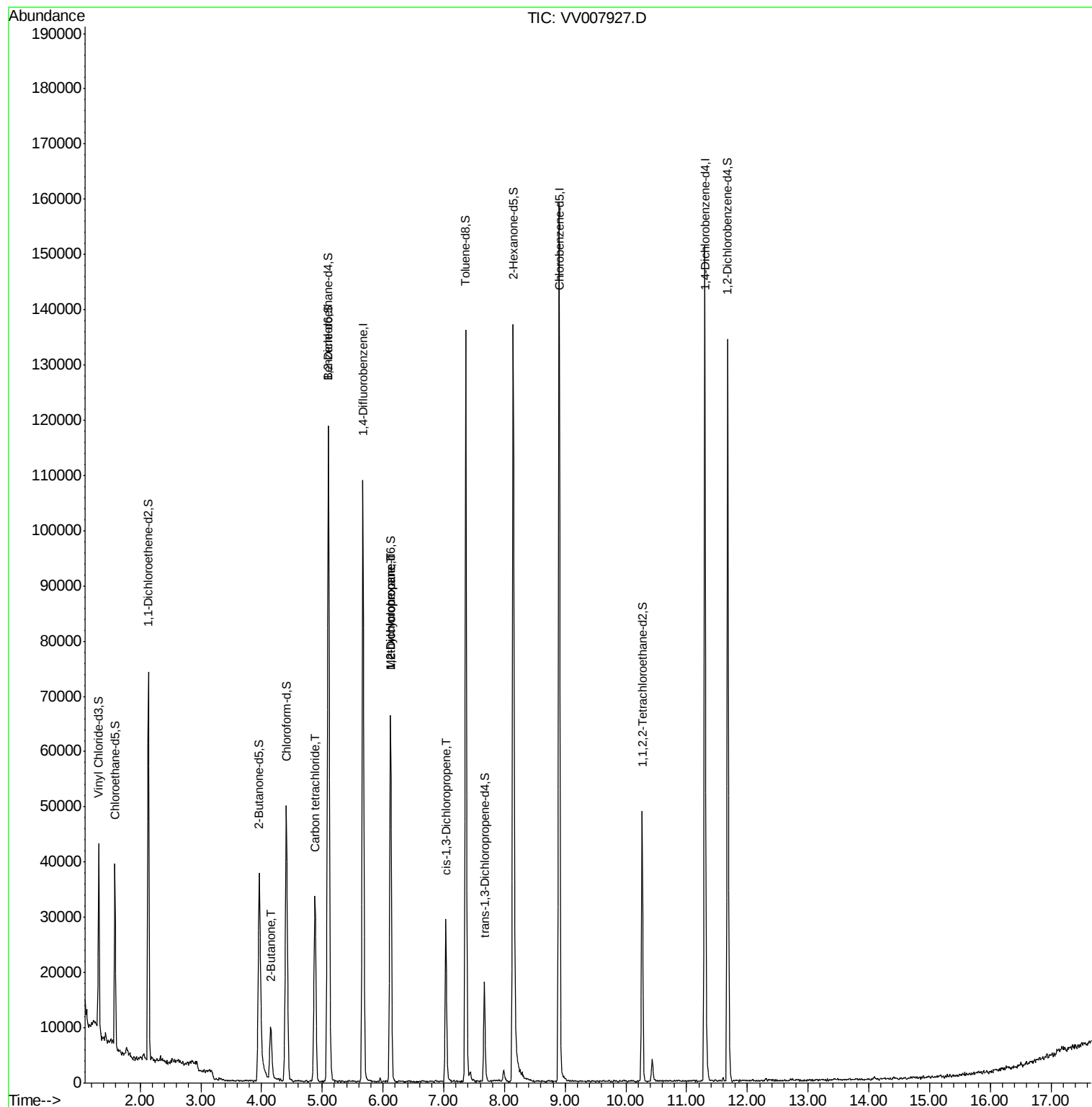
					Ovalue
21) 2-Butanone	4.15	43	15457	9.040 ug/L #	50
31) Carbon tetrachloride	4.88	117	24590	2.653 ug/L	98
35) Methylcyclohexane	6.13	83	7479	0.696 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3616	0.565 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	719	0.084 ug/L #	74

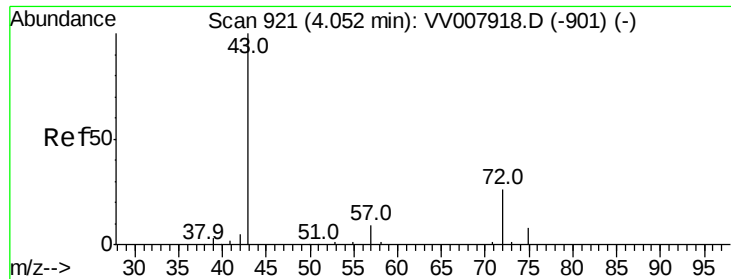
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 9.040 ug/L

RT: 4.15 min Scan# 952

Delta R.T. 0.10 min

Lab File: VV007927.D

Acq: 28 Sep 2018 00:24

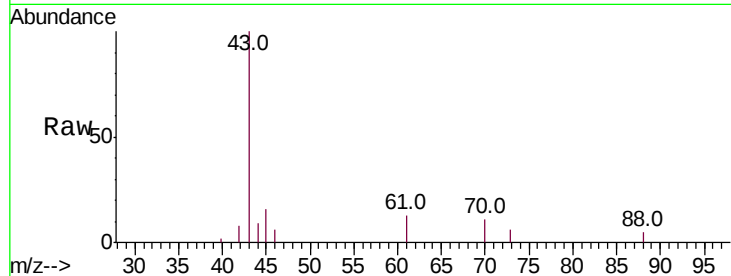
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 15457

Ion Ratio Lower Upper

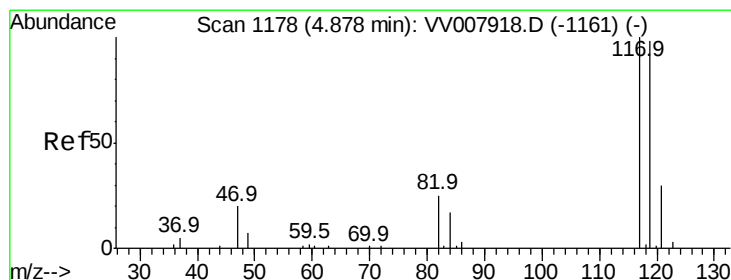
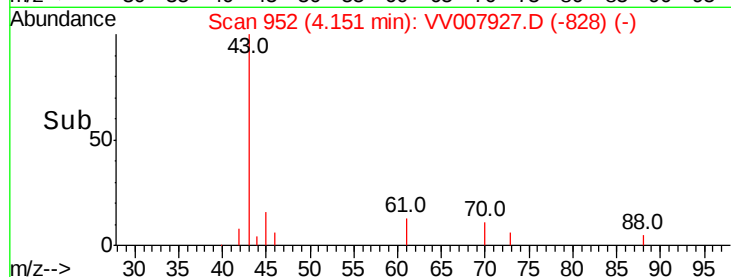
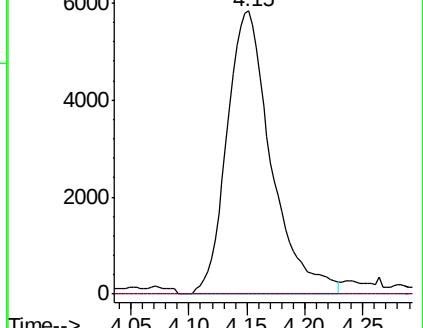
43 100

72 0.0 12.5 37.5#



Abundance Ion 43.05 (42.75 to 43.75): VV007918.D (-901) (-)

Ion 72.10 (71.80 to 72.80): VV007918.D (-901) (-)



#31

Carbon tetrachloride

Concen: 2.653 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV007927.D

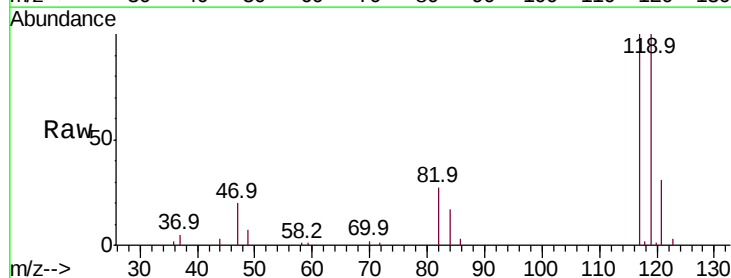
Acq: 28 Sep 2018 00:24

Tgt Ion: 117 Resp: 24590

Ion Ratio Lower Upper

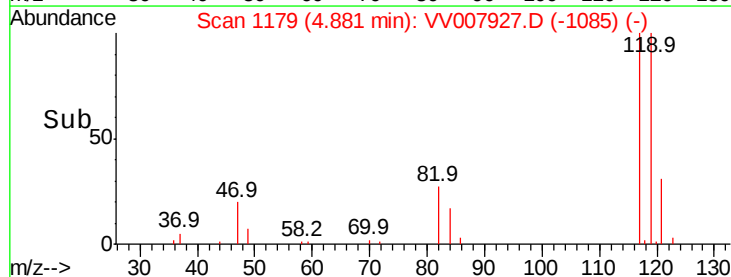
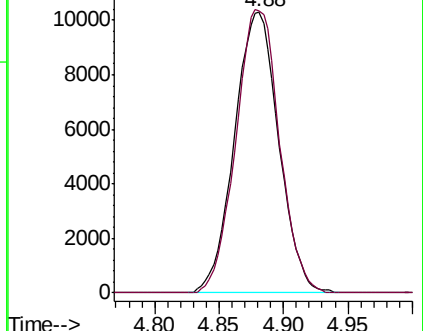
117 100

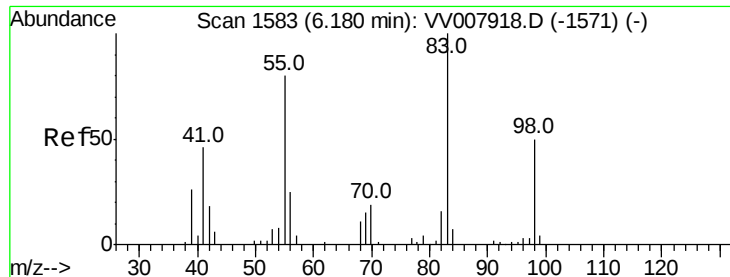
119 99.3 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): VV007918.D (-1161) (-)

Ion 118.90 (118.60 to 119.60): VV007918.D (-1161) (-)

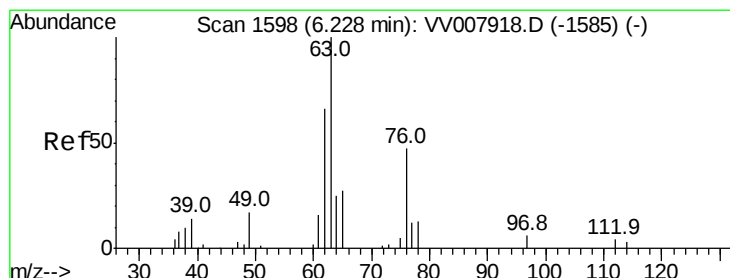
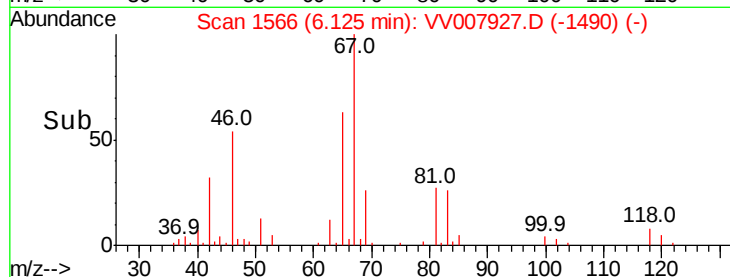
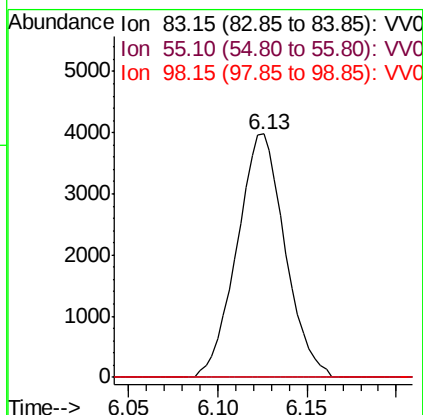
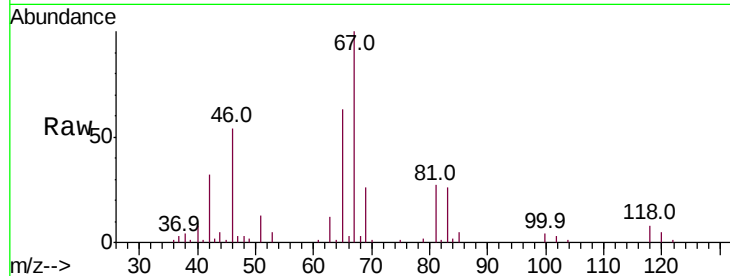




#35
Methvlcvclohexane
Concen: 0.696 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007927.D
Acq: 28 Sep 2018 00:24

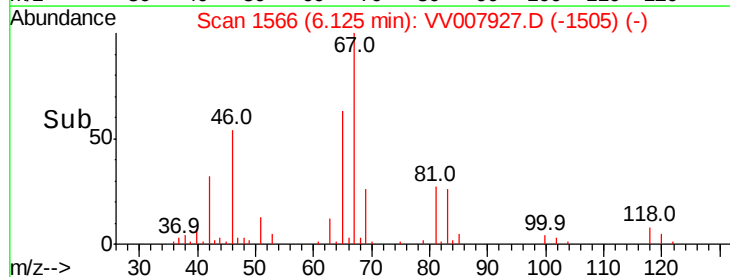
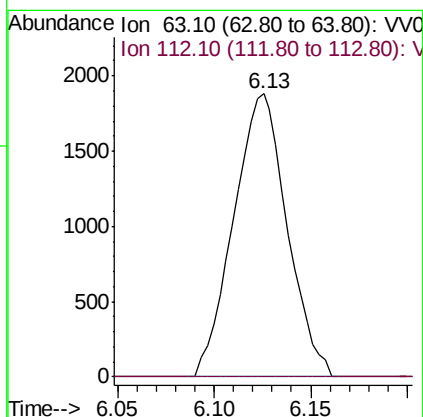
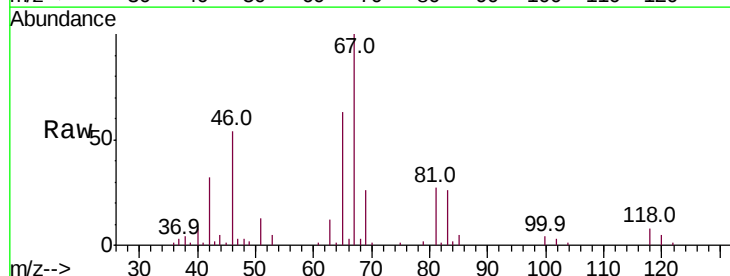
Instrument :
MSVOA_V
ClientSampled :

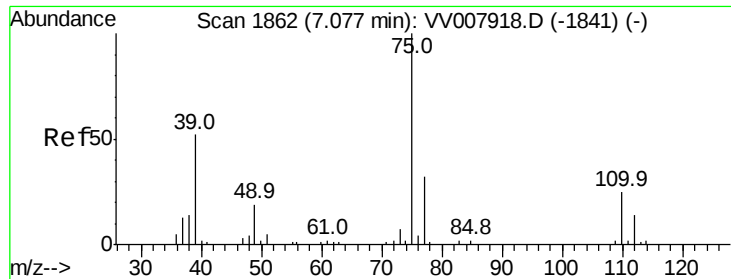
Tot Ion: 83 Resp: 7479
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.6 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007927.D
Acq: 28 Sep 2018 00:24

Tgt Ion: 63 Resp: 3616
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007927.D

Acq: 28 Sep 2018 00:24

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 719

Ion Ratio Lower Upper

75 100

77 47.1 22.9 42.5#

