

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007925.D
 Acq On : 27 Sep 2018 23:29
 Operator : SY/MD
 Sample : J5063-12
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 03:48:02 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	88689	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83522	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40340	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20694	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.59	69	19643	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.14	63	34965	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.96	46	63092	44.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.24%
24) Chloroform-d	4.41	84	48786	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.09	65	27152	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.10	84	94539	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.12	67	29869	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	88616	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.67	79	9715	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.14	63	45741	42.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21802	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	37231	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

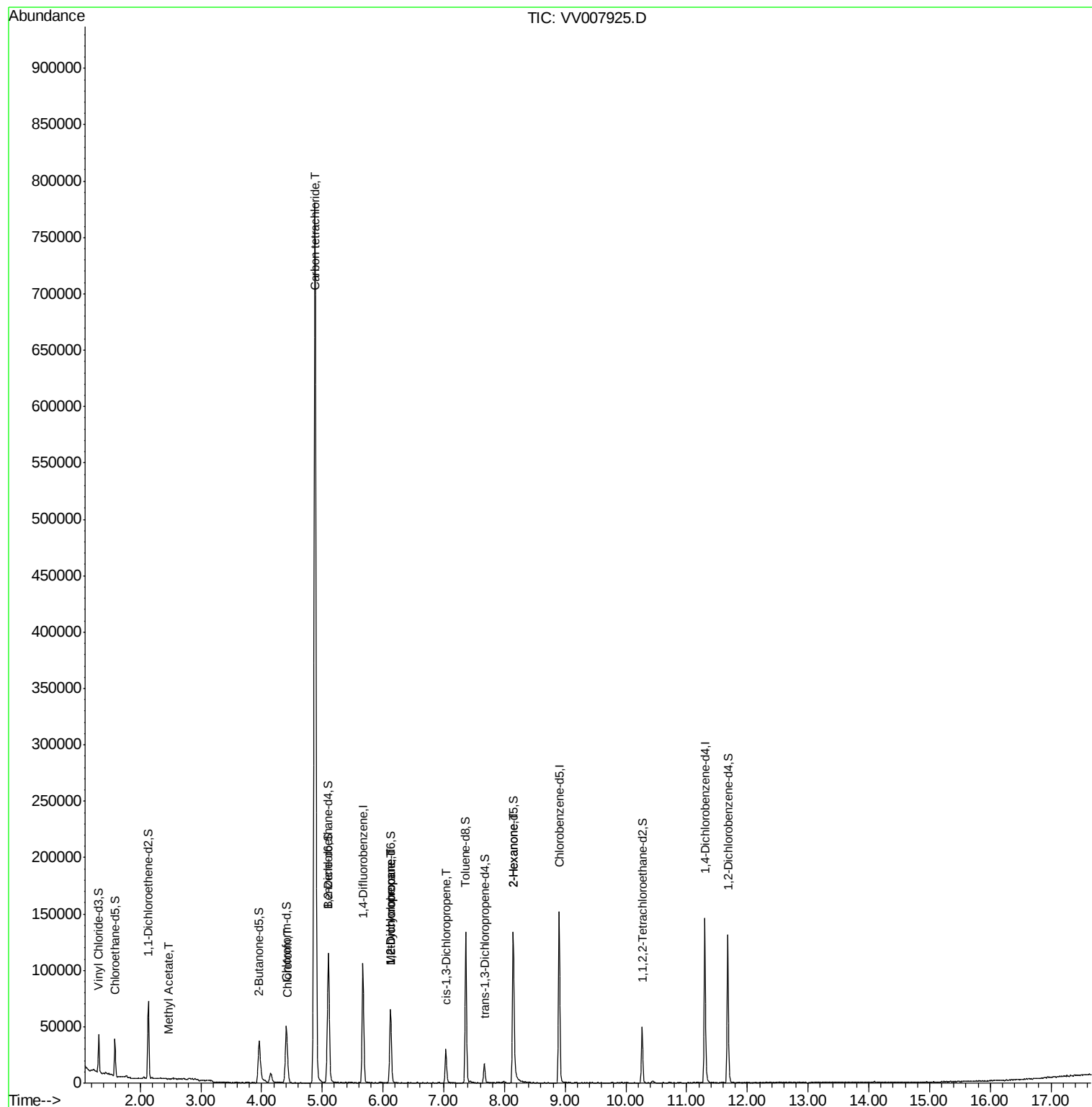
					Ovalue
15) Methyl Acetate	2.47	43	343	0.129 ug/L #	51
25) Chloroform	4.43	83	3672	0.308 ug/L	98
31) Carbon tetrachloride	4.88	117	570187	64.400 ug/L	99
35) Methylcyclohexane	6.12	83	7299	0.711 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3709	0.607 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	739	0.090 ug/L #	49
48) 2-Hexanone	8.14	43	6721	2.520 ug/L #	76

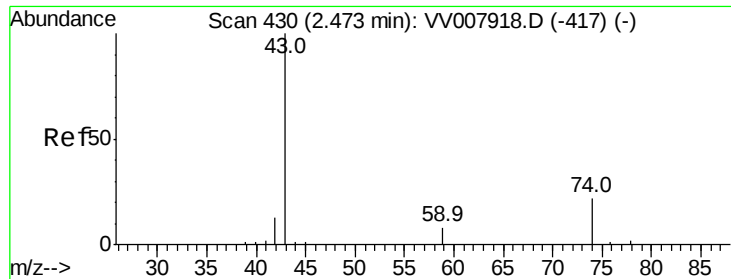
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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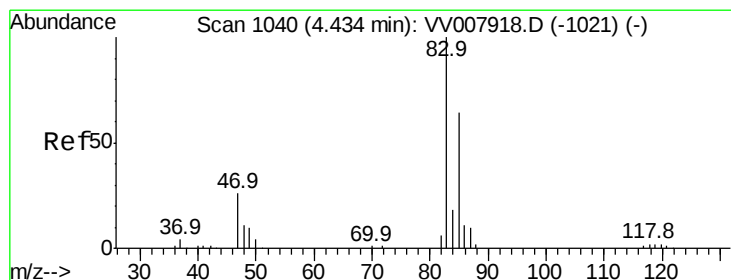
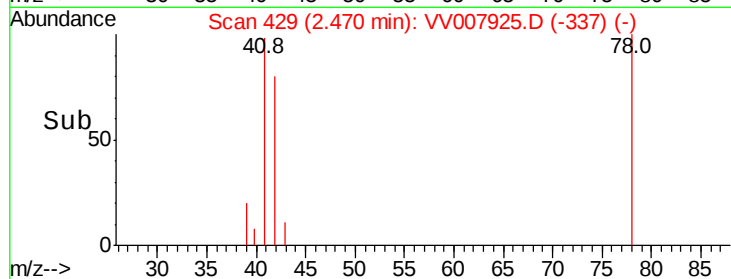
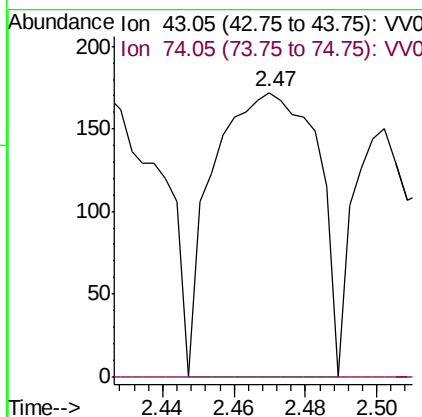
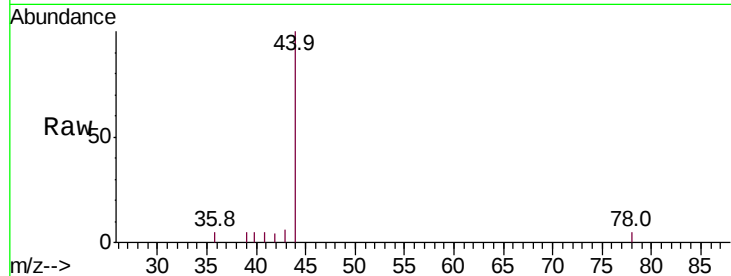




#15
Methvl Acetate
Concen: 0.129 ug/L
RT: 2.47 min Scan# 429
Delta R.T. -0.00 min
Lab File: VV007925.D
Acq: 27 Sep 2018 23:29

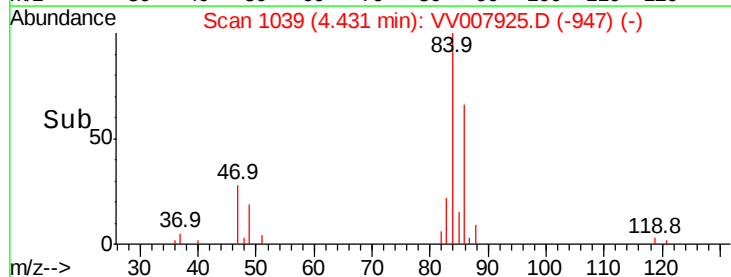
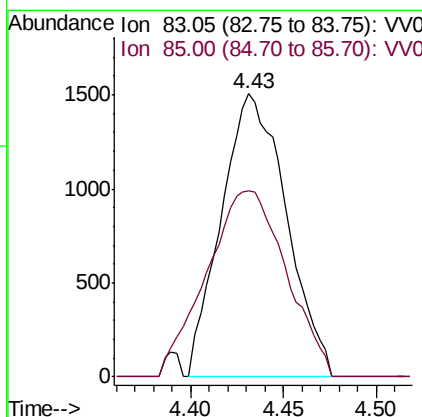
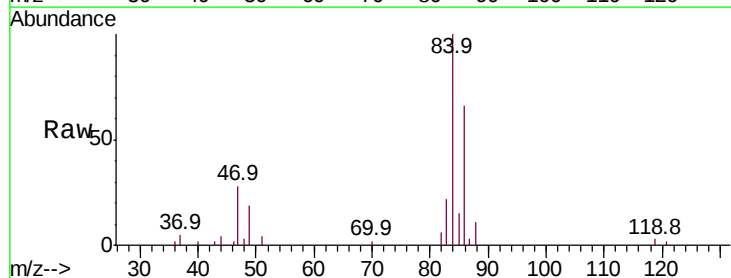
Instrument :
MSVOA_V
ClientSampleId :

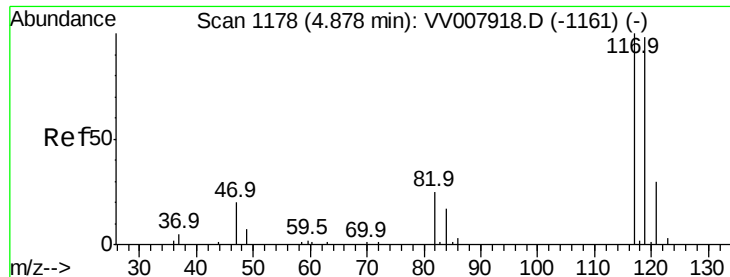
Tot Ion: 43 Resp: 343
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#25
Chloroform
Concen: 0.308 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV007925.D
Acq: 27 Sep 2018 23:29

Tgt Ion: 83 Resp: 3672
Ion Ratio Lower Upper
83 100
85 65.8 44.8 83.2



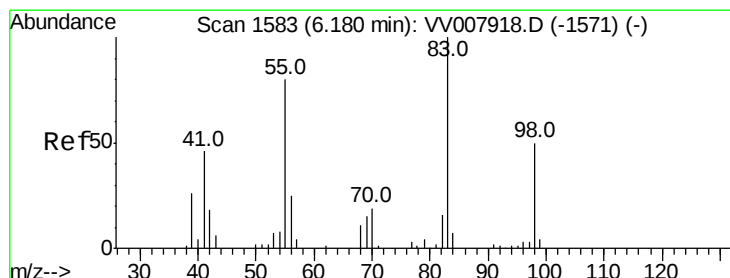
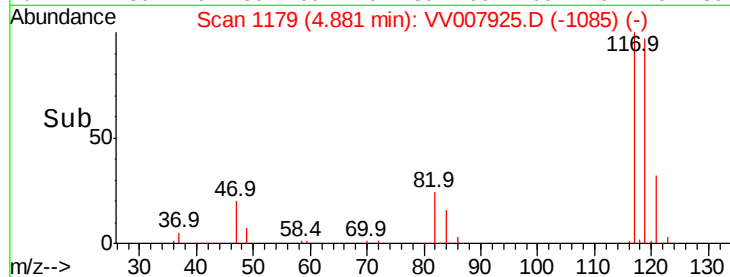
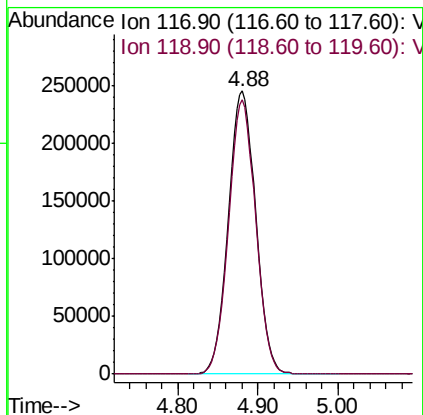
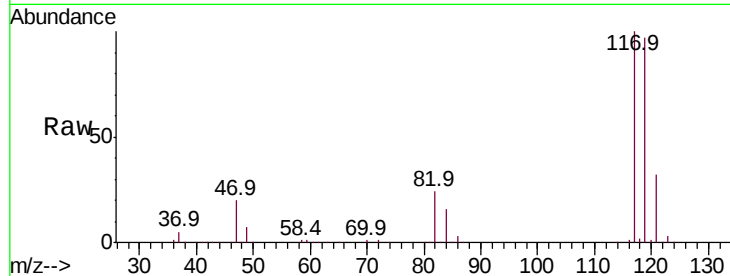


#31

Carbon tetrachloride
 Concen: 64.400 ug/L
 RT: 4.88 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VV007925.D
 Acq: 27 Sep 2018 23:29

Instrument :
 MSVOA_V
 ClientSampled :

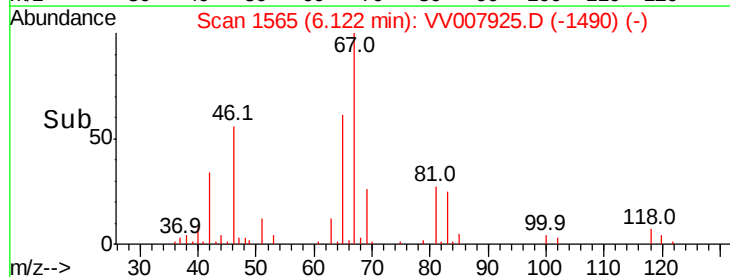
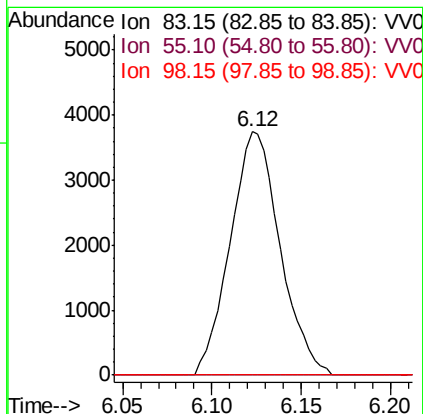
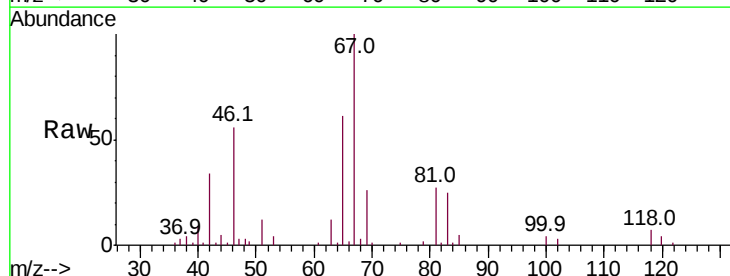
Tot Ion:117 Resp: 570187
 Ion Ratio Lower Upper
 117 100
 119 96.0 77.8 116.8

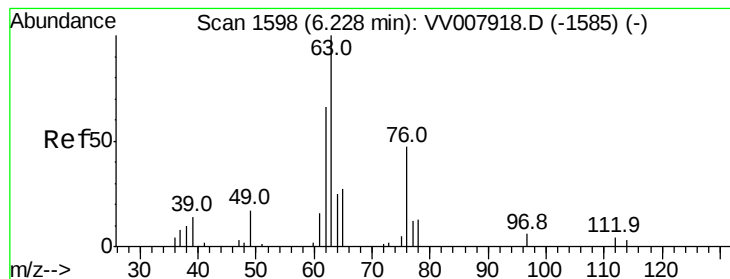


#35

Methylcyclohexane
 Concen: 0.711 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.06 min
 Lab File: VV007925.D
 Acq: 27 Sep 2018 23:29

Tgt Ion: 83 Resp: 7299
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.2 93.2#
 98 0.0 38.0 57.0#





#37

1,2-Dichloropropane

Concen: 0.607 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.11 min

Lab File: VV007925.D

Acq: 27 Sep 2018 23:29

Instrument :

MSVOA_V

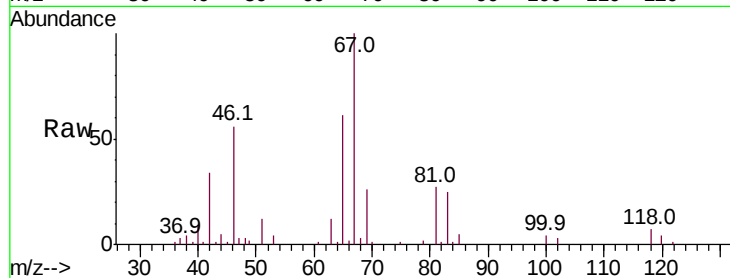
ClientSampleId :

Tot Ion: 63 Resp: 3709

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

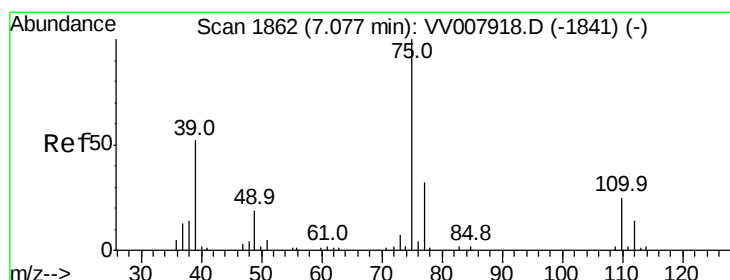
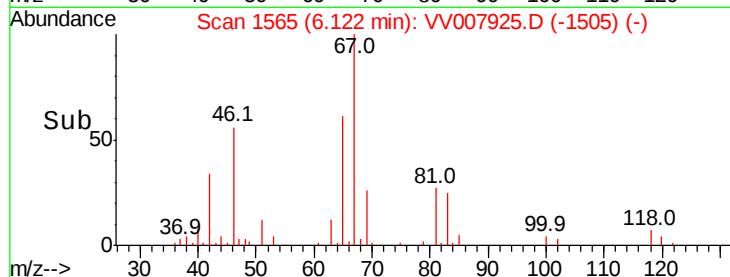
1500

1000

500

0

Time--> 6.05 6.10 6.15



#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007925.D

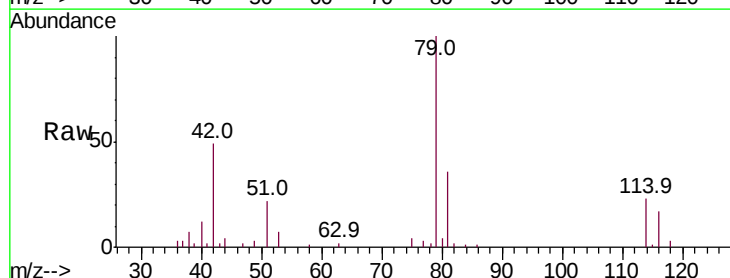
Acq: 27 Sep 2018 23:29

Tgt Ion: 75 Resp: 739

Ion Ratio Lower Upper

75 100

77 61.4 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) (-)

7.04

400

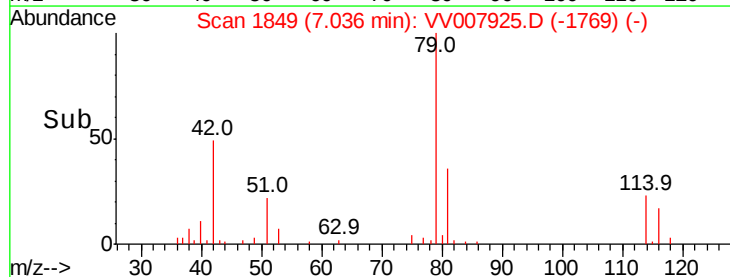
300

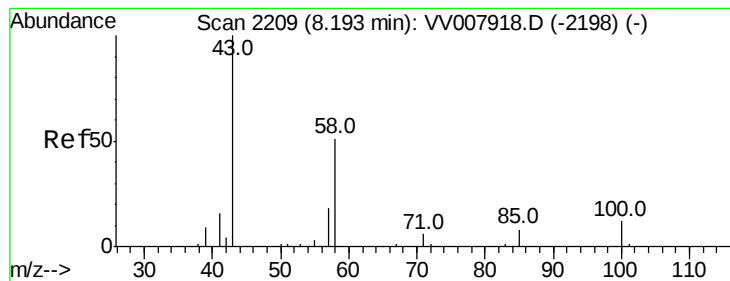
200

100

0

Time--> 7.00 7.05





#48

2-Hexanone

Concen: 2.520 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.05 min

Lab File: VV007925.D

Acq: 27 Sep 2018 23:29

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6721

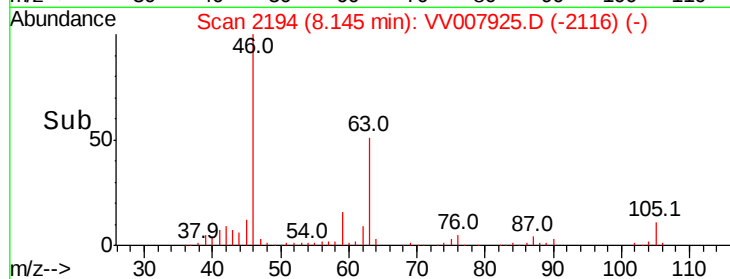
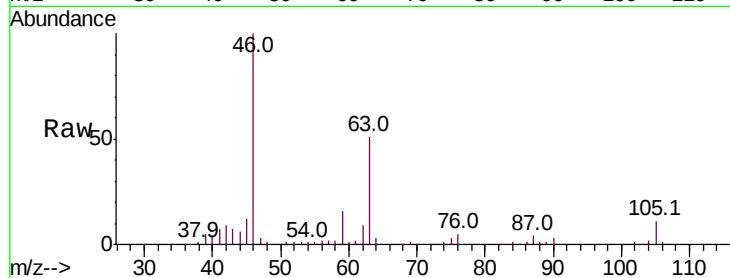
Ion Ratio Lower Upper

43 100

58 35.2 41.9 62.9#

57 27.2 14.3 21.5#

100 0.0 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

