

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007954.D
 Acq On : 28 Sep 2018 15:23
 Operator : SY/MD
 Sample : J5063-05DL 4X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC26DL

Quant Time: Oct 01 01:53:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 01 01:51:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	90489	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42794	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20727	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.59	69	19782	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.14	63	34790	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	3.97	46	71396	48.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.86%
24) Chloroform-d	4.41	84	51741	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.09	65	28630	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.10	84	98624	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.13	67	31093	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.36	98	90916	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.67	79	10461	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.14	63	52703	46.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23449	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	39569	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

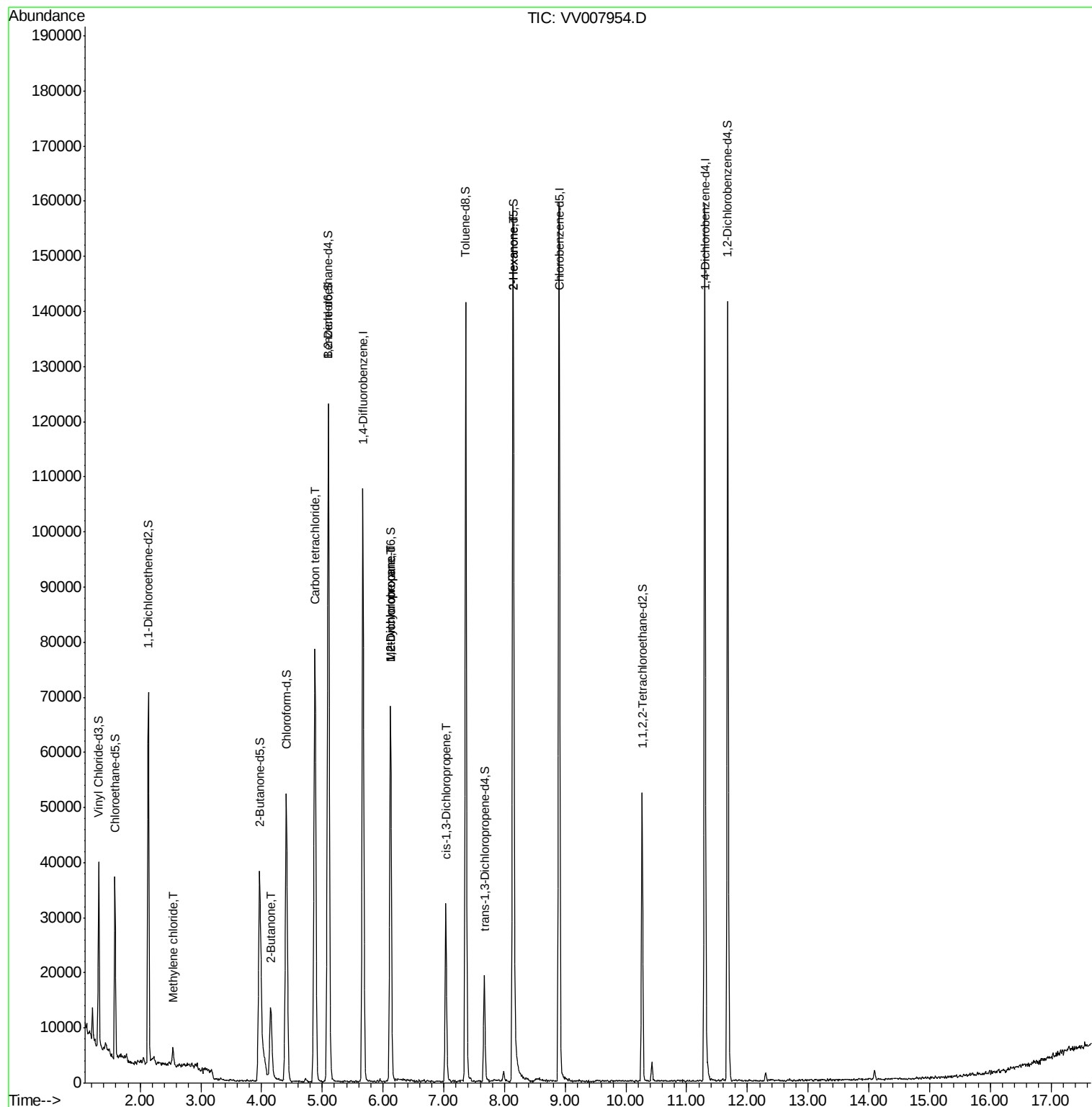
					Ovalue
16) Methylene chloride	2.54	84	1265	0.190 ug/L	88
21) 2-Butanone	4.15	43	21397	12.633 ug/L #	50
31) Carbon tetrachloride	4.88	117	57604	6.232 ug/L	100
35) Methylcyclohexane	6.13	83	7611	0.710 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3490	0.547 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	807	0.095 ug/L #	57
48) 2-Hexanone	8.14	43	8060	2.895 ug/L #	72

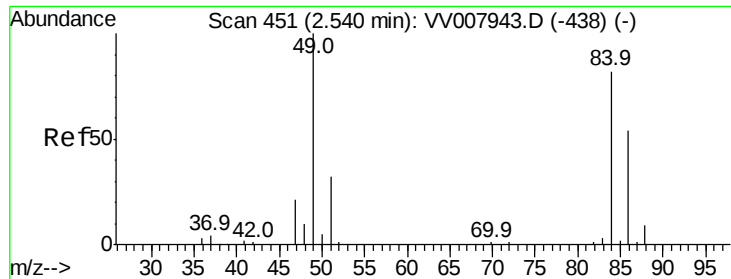
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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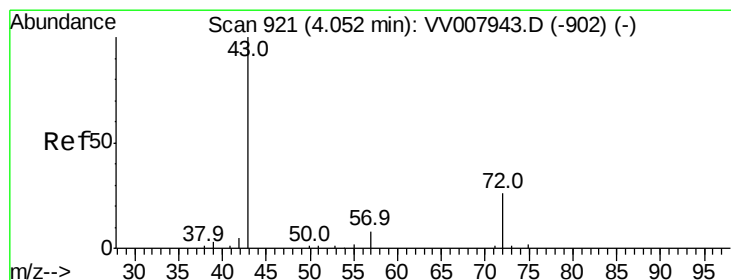
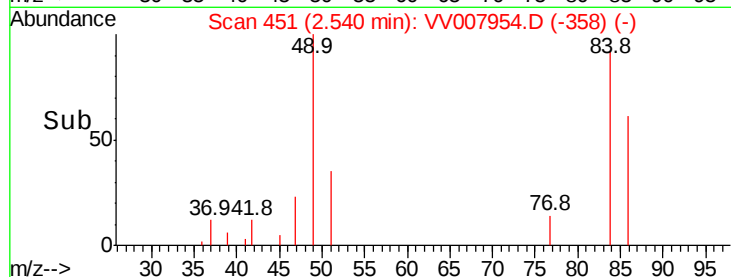
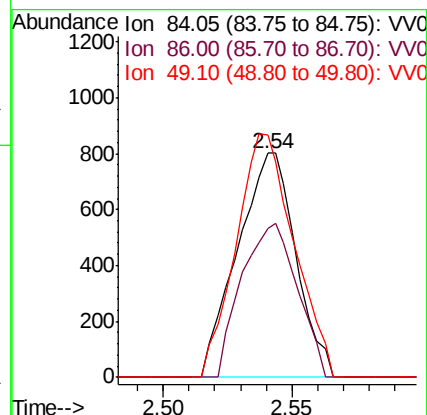
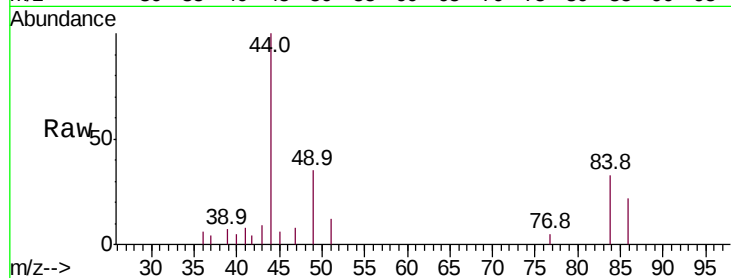




#16
Methvlene chloride
Concen: 0.190 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007954.D
Acq: 28 Sep 2018 15:23

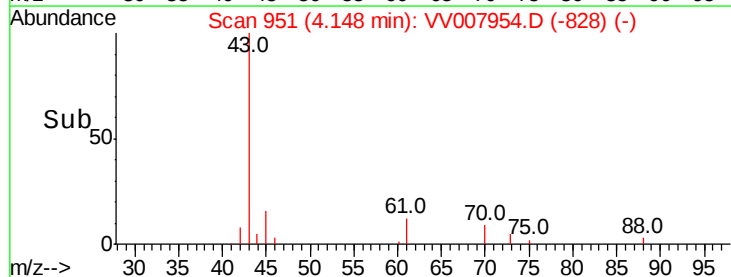
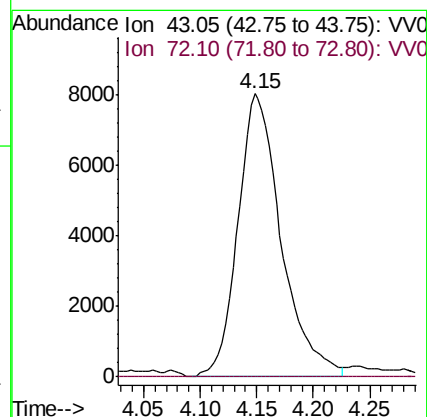
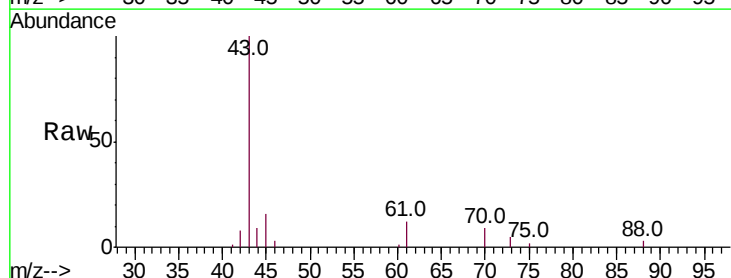
Instrument :
MSVOA_V
ClientSampleId :
GAC26DL

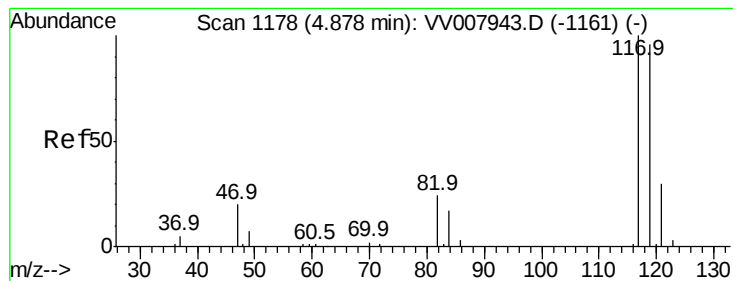
Tot Ion: 84 Resp: 1265
Ion Ratio Lower Upper
84 100
86 66.5 47.3 87.8
49 108.4 90.0 167.2



#21
2-Butanone
Concen: 12.633 ug/L
RT: 4.15 min Scan# 951
Delta R.T. 0.10 min
Lab File: VV007954.D
Acq: 28 Sep 2018 15:23

Tgt Ion: 43 Resp: 21397
Ion Ratio Lower Upper
43 100
72 0.0 12.5 37.5#





#31

Carbon tetrachloride

Concen: 6.232 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VV007954.D

Acq: 28 Sep 2018 15:23

Instrument :

MSVOA_V

ClientSampleId :

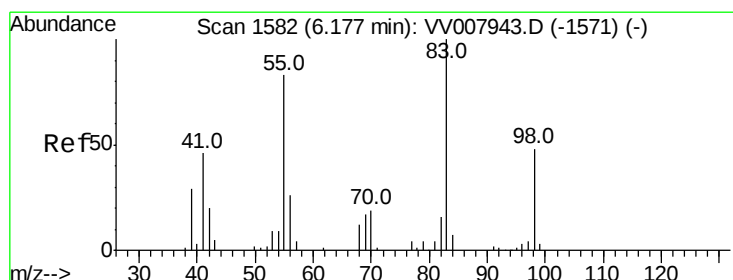
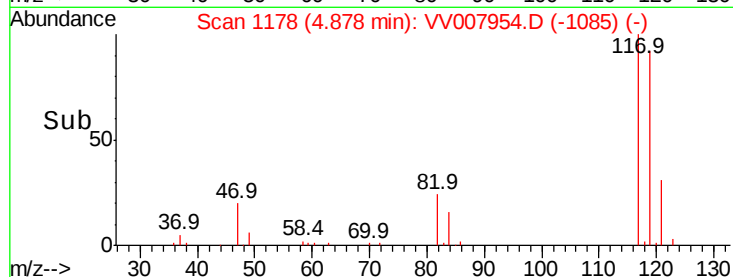
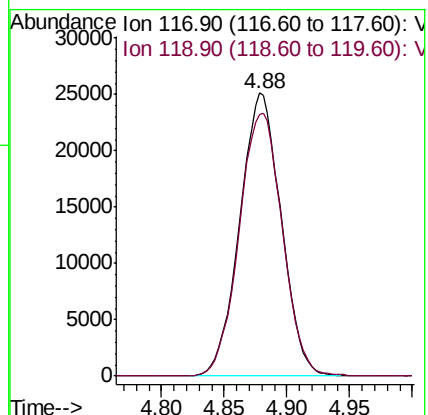
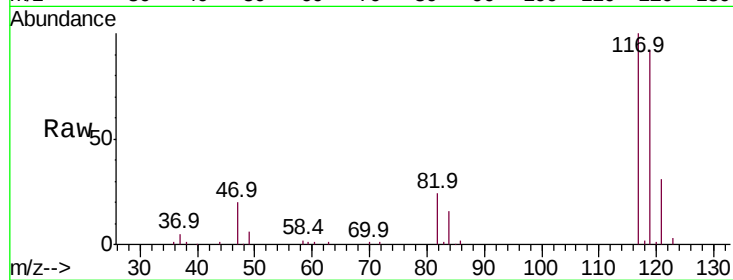
GAC26DL

Tot Ion:117 Resp: 57604

Ion Ratio Lower Upper

117 100

119 96.9 77.8 116.8



#35

Methylcyclohexane

Concen: 0.710 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007954.D

Acq: 28 Sep 2018 15:23

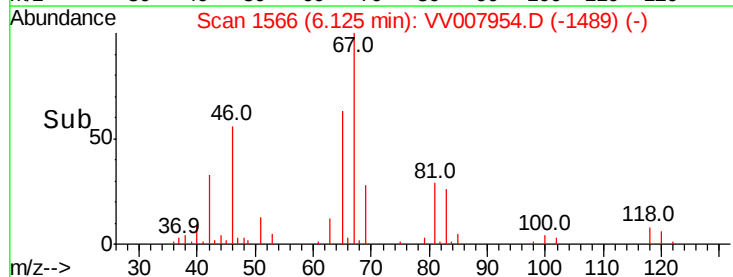
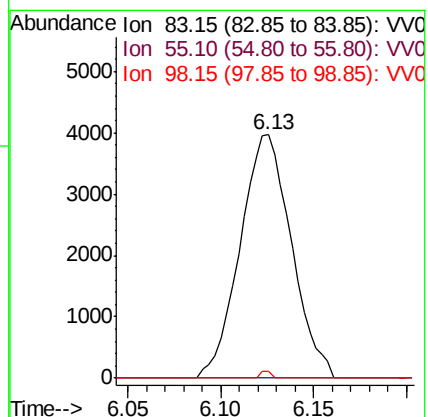
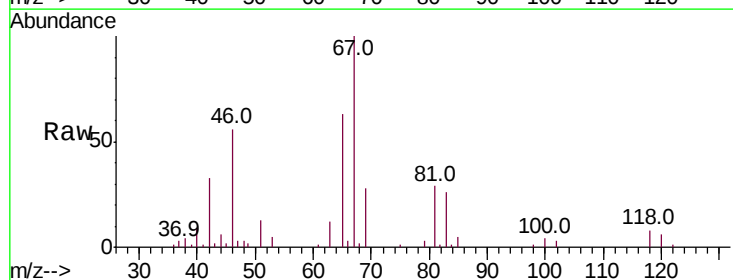
Tgt Ion: 83 Resp: 7611

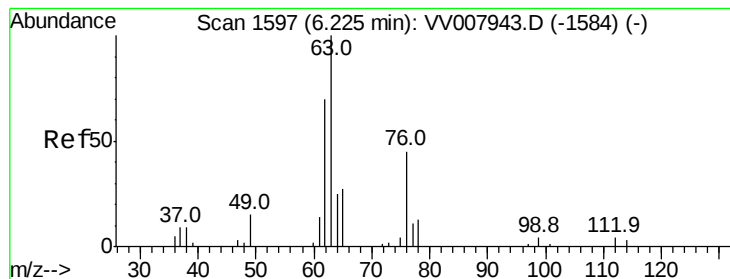
Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

98 0.5 38.0 57.0#





#37

1,2-Dichloropropane

Concen: 0.547 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007954.D

Acq: 28 Sep 2018 15:23

Instrument :

MSVOA_V

ClientSampleId :

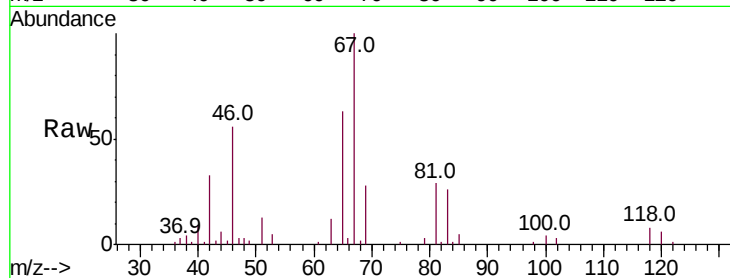
GAC26DL

Tot Ion: 63 Resp: 3490

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV007943.D (-1584) (-)

Ion 112.10 (111.80 to 112.80): VV007943.D (-1584) (-)

6.13

2000

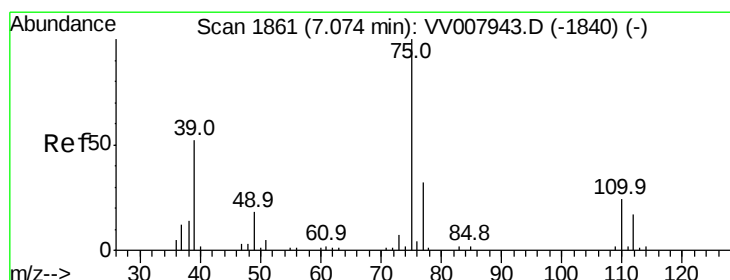
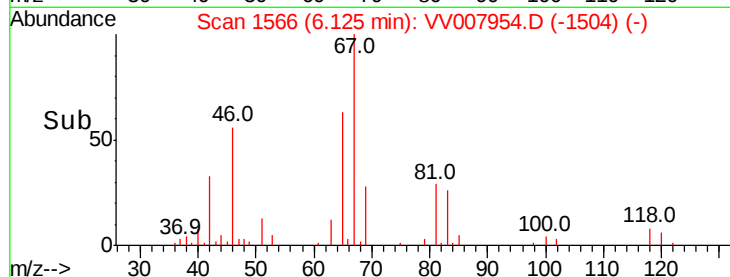
1500

1000

500

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV007954.D

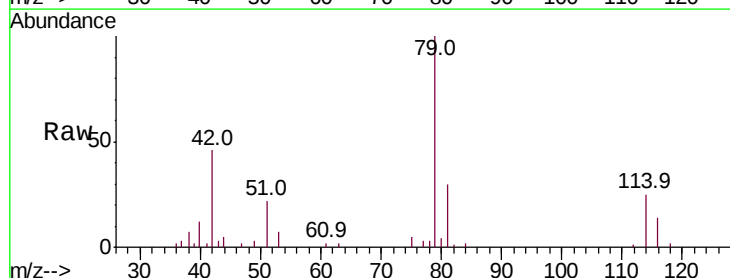
Acq: 28 Sep 2018 15:23

Tgt Ion: 75 Resp: 807

Ion Ratio Lower Upper

75 100

77 56.8 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV007943.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV007943.D (-1840) (-)

7.04

500

400

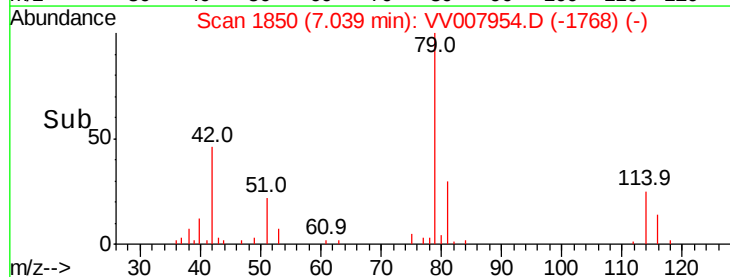
300

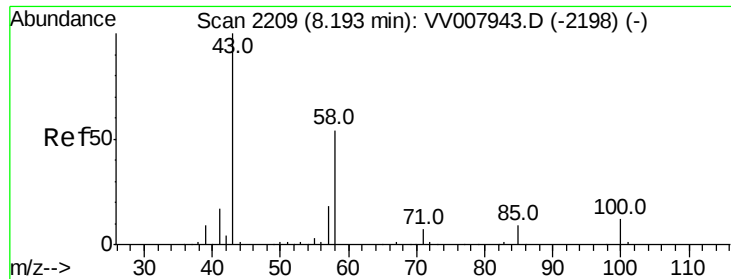
200

100

0

Time-->





#48

2-Hexanone

Concen: 2.895 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV007954.D

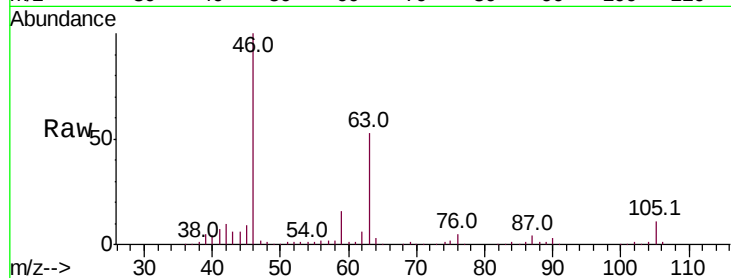
Acq: 28 Sep 2018 15:23

Instrument :

MSVOA_V

ClientSampleId :

GAC26DL



Tot Ion: 43 Resp: 8060

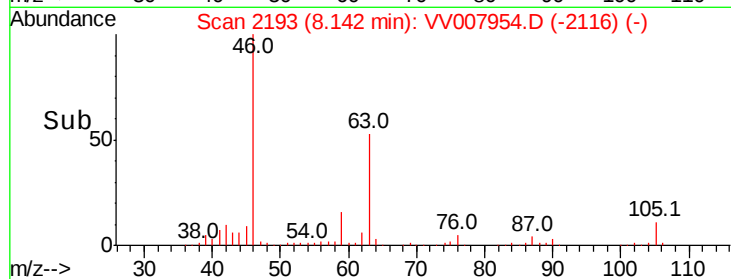
Ion Ratio Lower Upper

43 100

58 31.0 41.9 62.9#

57 27.7 14.3 21.5#

100 0.3 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

