

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007967.D
 Acq On : 28 Sep 2018 21:45
 Operator : SY/MD
 Sample : J5063-16DL 5X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC37DL

Quant Time: Oct 01 04:56:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 01 04:55:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	93966	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90604	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44417	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18618	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.59	69	17914	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.14	63	32091	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	3.96	46	67639	44.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.28%
24) Chloroform-d	4.41	84	48538	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.09	65	26873	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.10	84	92777	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.12	67	30577	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.36	98	86101	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	7.67	79	9560	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	8.14	63	49010	42.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22680	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	37726	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

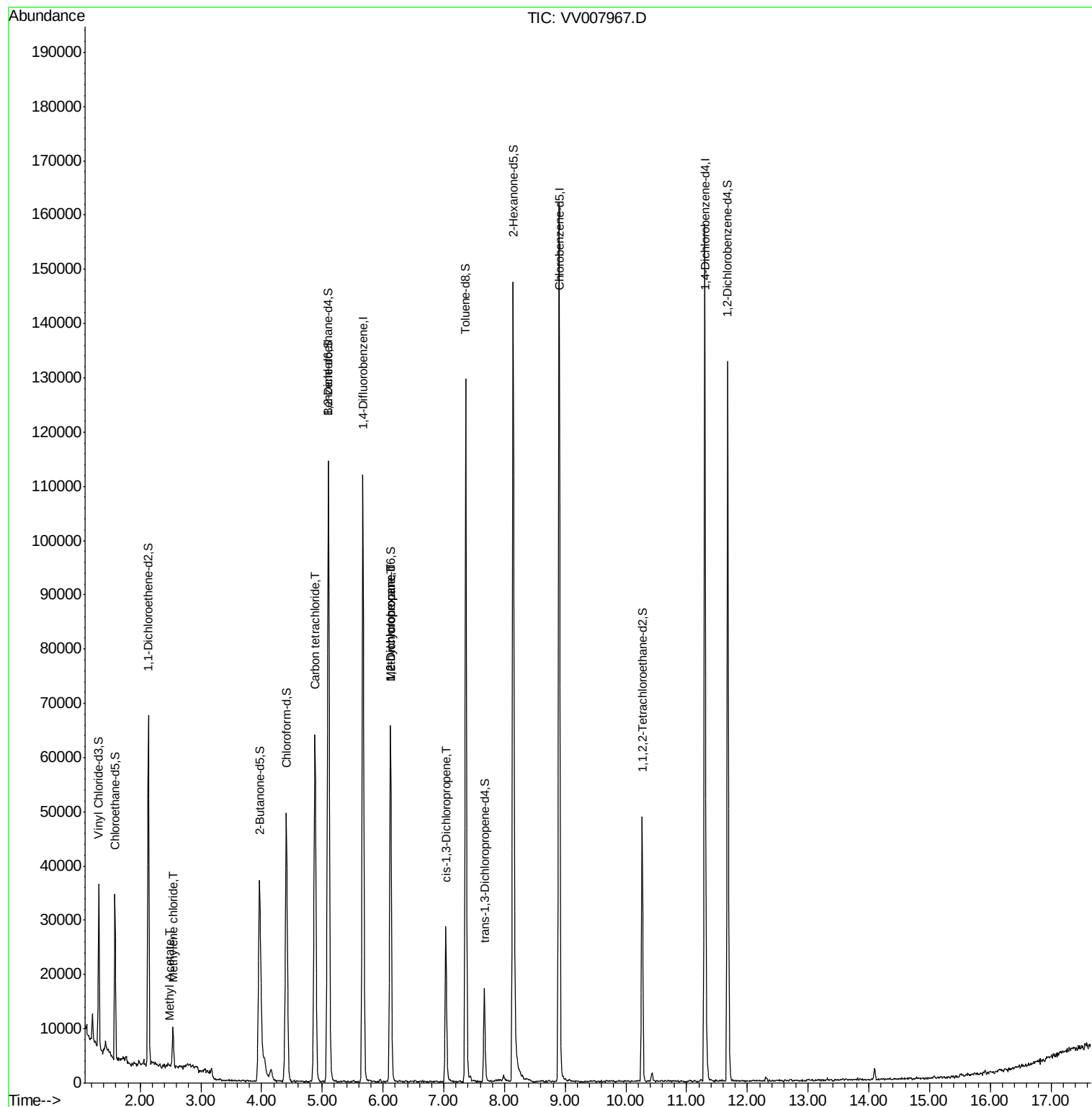
					Ovalue
15) Methyl Acetate	2.48	43	346	0.123 ug/L #	51
16) Methylene chloride	2.54	84	2595	0.376 ug/L	98
31) Carbon tetrachloride	4.88	117	46371	4.828 ug/L	98
35) Methylcyclohexane	6.12	83	7296	0.655 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3588	0.541 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	761	0.086 ug/L	88

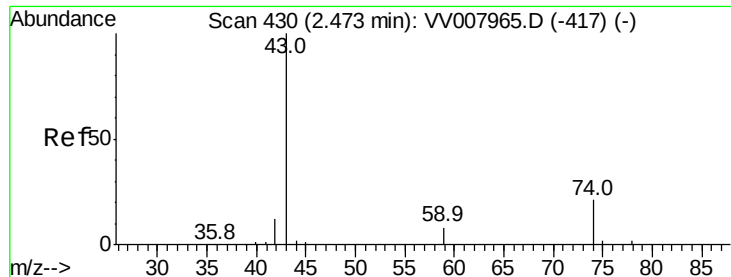
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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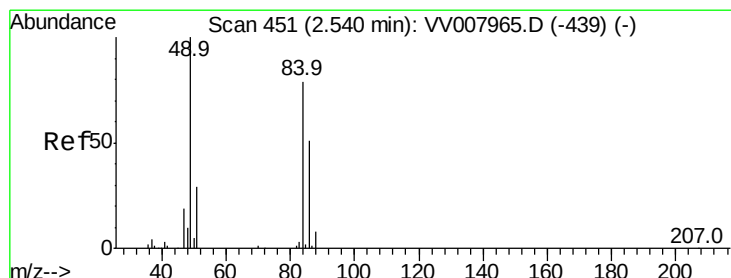
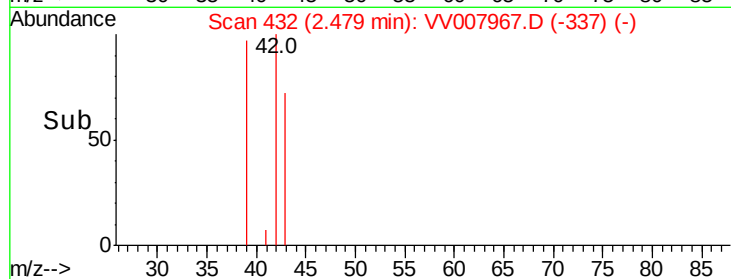
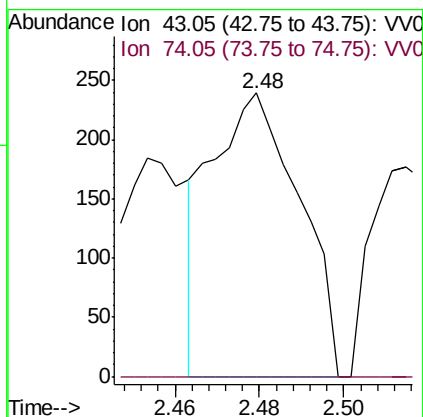
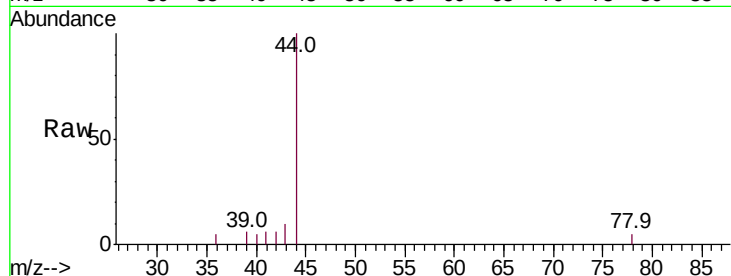




#15
Methyl Acetate
Concen: 0.123 ug/L
RT: 2.48 min Scan# 432
Delta R.T. 0.01 min
Lab File: VV007967.D
Acq: 28 Sep 2018 21:45

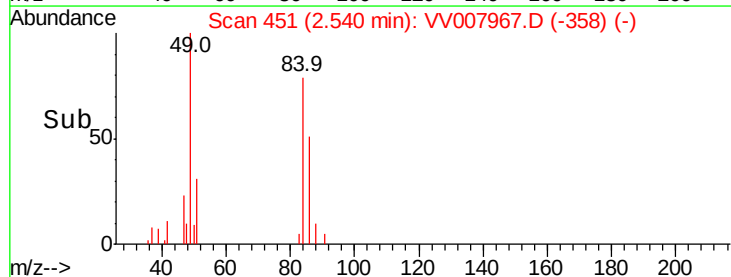
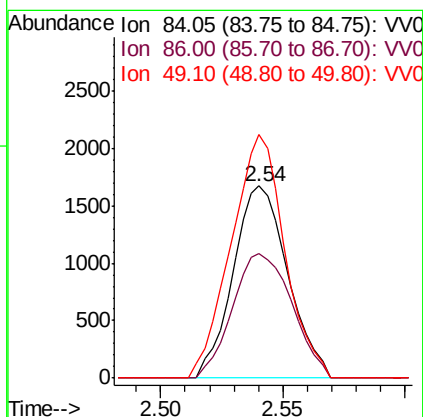
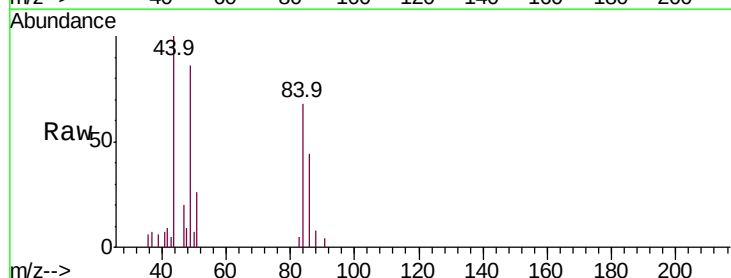
Instrument :
MSVOA_V
ClientSampleId :
GAC37DL

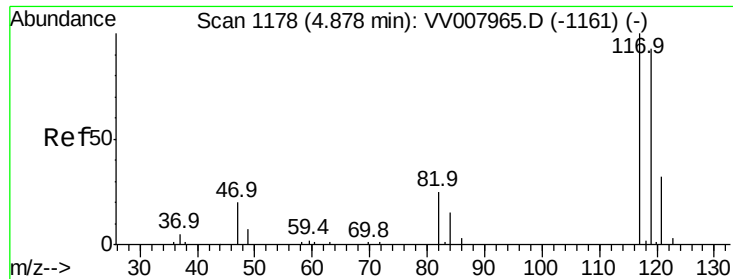
Tot Ion: 43 Resp: 346
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#16
Methylene chloride
Concen: 0.376 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007967.D
Acq: 28 Sep 2018 21:45

Tgt Ion: 84 Resp: 2595
Ion Ratio Lower Upper
84 100
86 64.7 47.3 87.8
49 126.9 90.0 167.2





#31

Carbon tetrachloride

Concen: 4.828 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV007967.D

Acq: 28 Sep 2018 21:45

Instrument :

MSVOA_V

ClientSampleId :

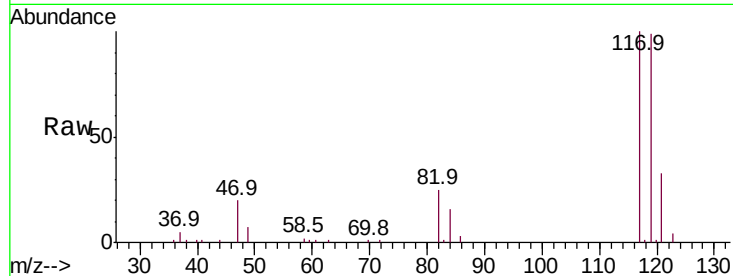
GAC37DL

Tot Ion:117 Resp: 46371

Ion Ratio Lower Upper

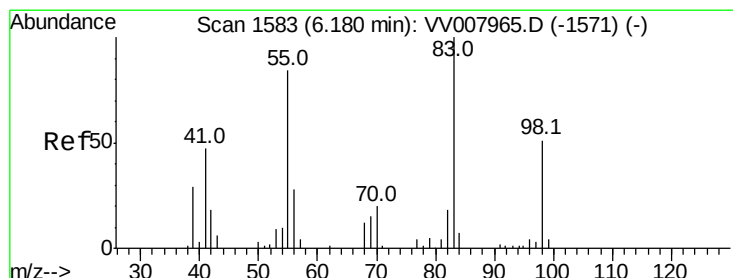
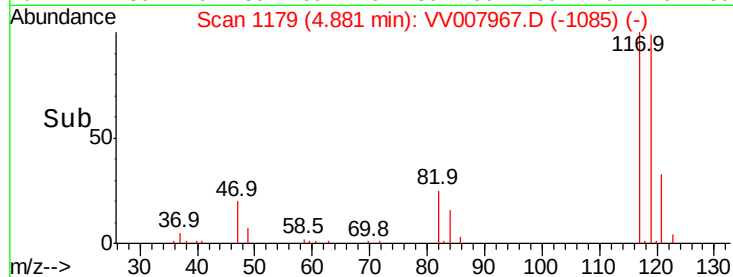
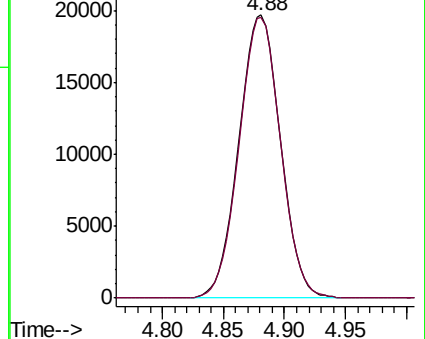
117 100

119 98.8 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.655 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV007967.D

Acq: 28 Sep 2018 21:45

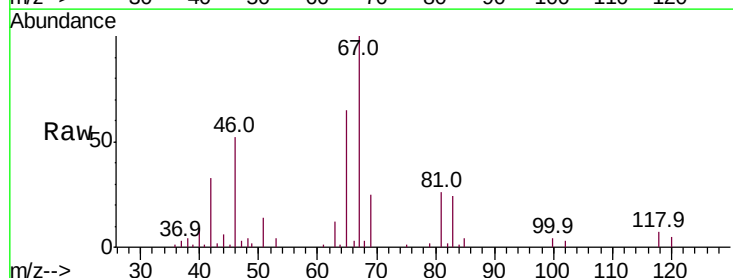
Tgt Ion: 83 Resp: 7296

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

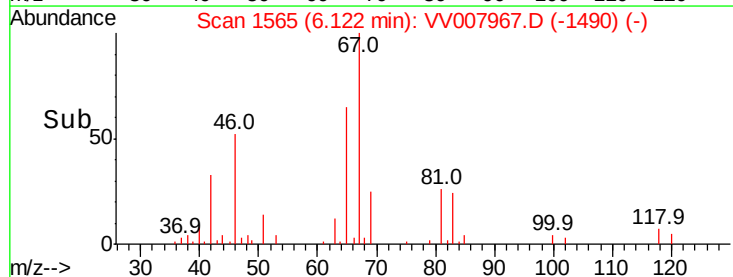
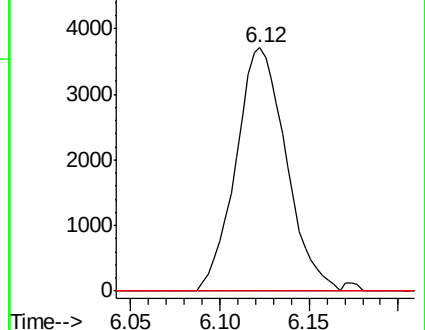
98 0.0 38.0 57.0#

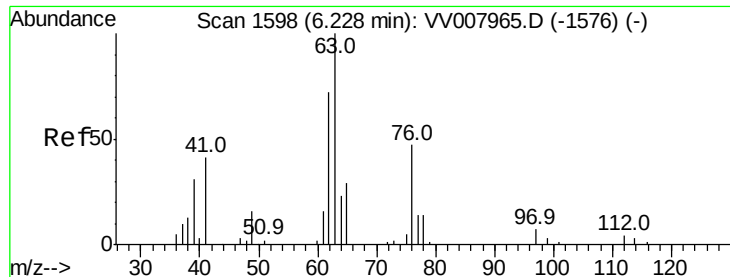


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

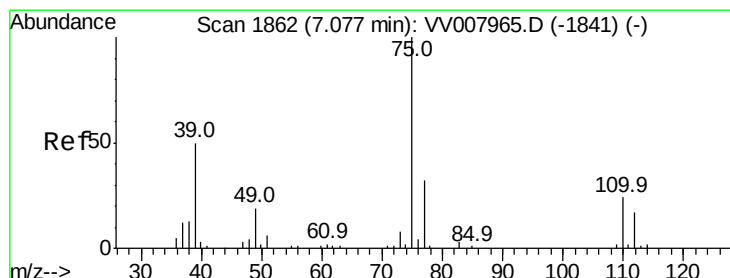
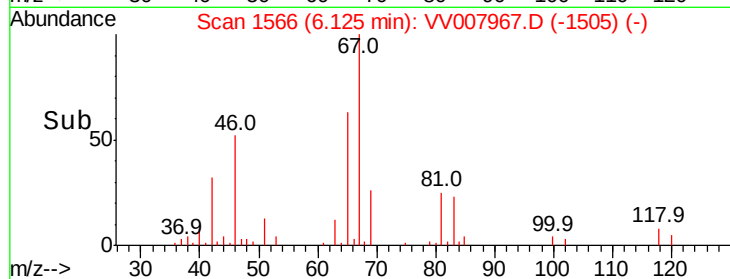
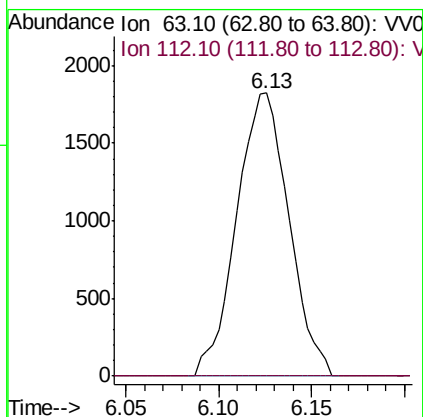
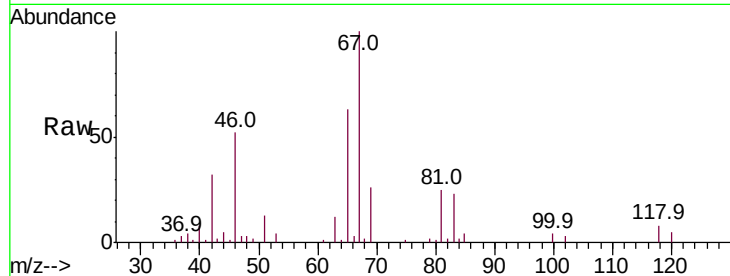




#37
 1,2-Dichloropropane
 Concen: 0.541 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007967.D
 Acq: 28 Sep 2018 21:45

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 GAC37DL

Tot Ion: 63 Resp: 3588
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007967.D
 Acq: 28 Sep 2018 21:45

Tgt Ion: 75 Resp: 761
 Ion Ratio Lower Upper
 75 100
 77 39.6 22.9 42.5

