

Data File : VV009447.D
Acq On : 01 Mar 2019 11:32
Operator : SY/MD
Sample : K1599-20
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 02 00:09:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 02 00:06:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	91671	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85420	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40362	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23179	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.58	69	24697	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.13	63	44845	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.96	46	50742	55.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.76%
24) Chloroform-d	4.40	84	49095	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.09	65	25133	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.10	84	101552	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.12	67	30941	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.36	98	98756	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
43) trans-1,3-Dichloropropene-	7.67	79	12687	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.14	63	45043	56.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23112	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	35166	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

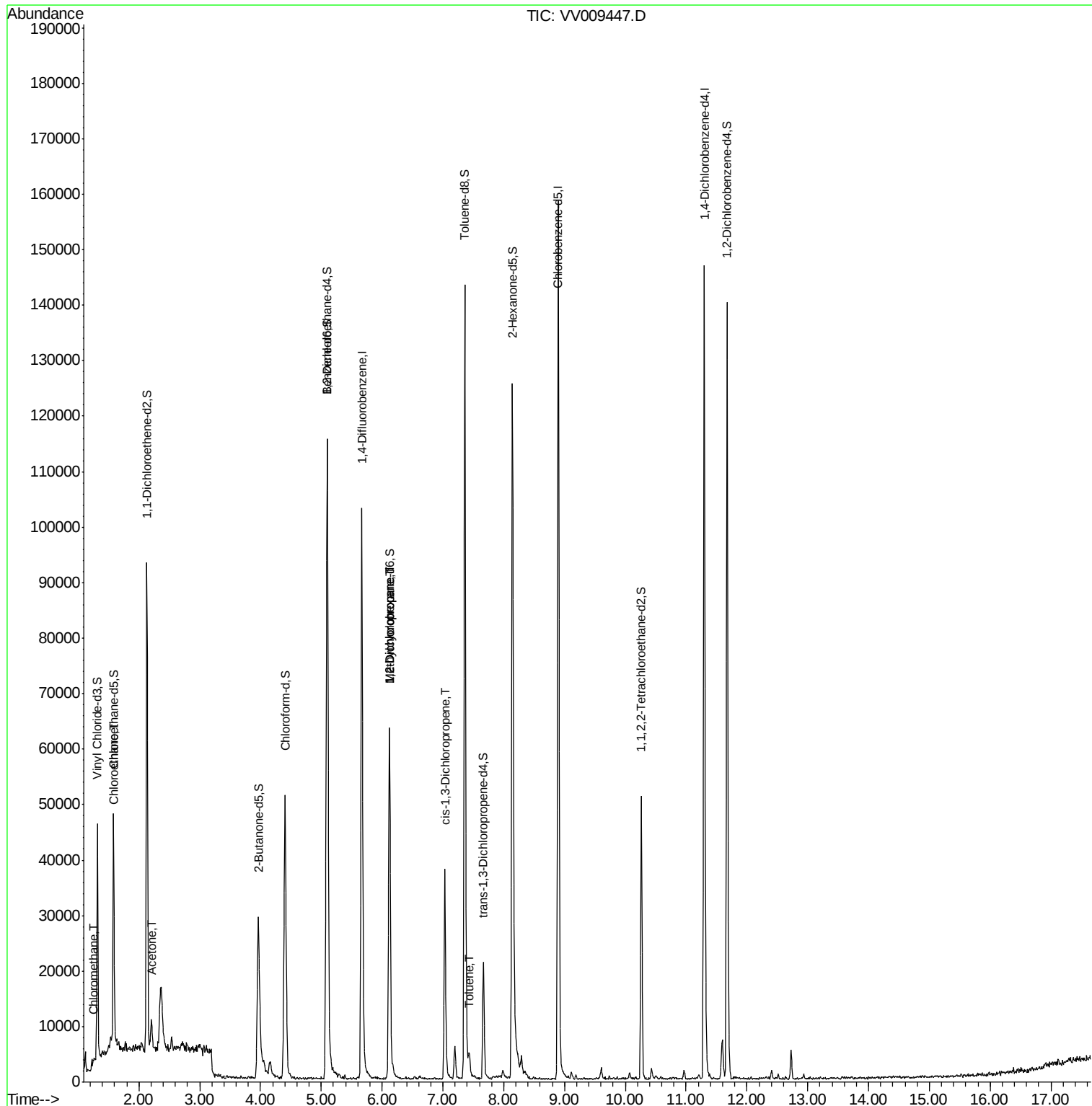
Target Compounds

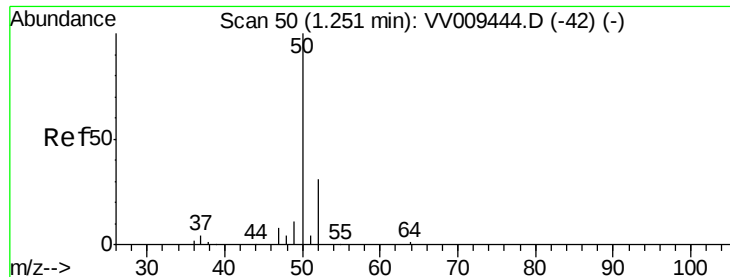
					Qvalue
3) Chloromethane	1.25	50	513	0.086 ug/L	94
8) Chloroethane	1.60	64	491	0.113 ug/L #	58
13) Acetone	2.21	43	5835	6.764 ug/L	96
35) Methylcyclohexane	6.12	83	7325	0.712 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	3291	0.606 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1001	0.117 ug/L #	64
42) Toluene	7.43	91	2761	0.109 ug/L	97

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

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#3

Chloromethane

Concen: 0.086 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV009447.D

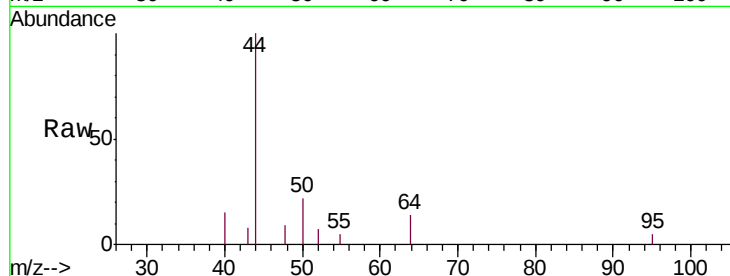
Acq: 01 Mar 2019 11:32

Tgt Ion: 50 Resp: 513

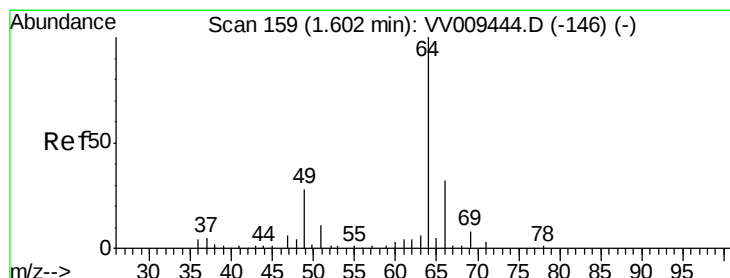
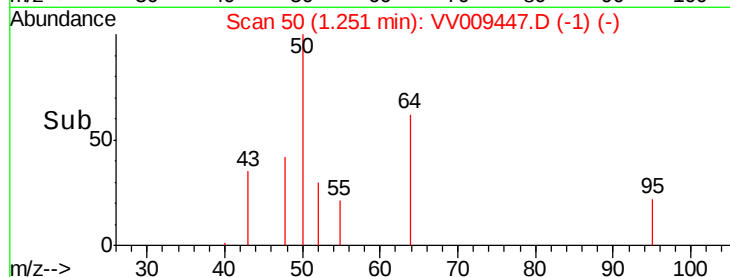
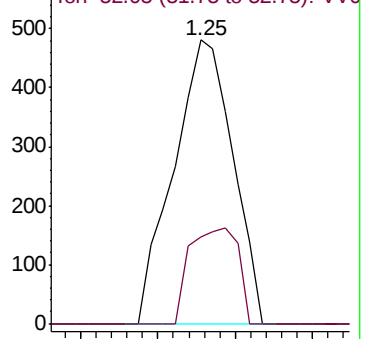
Ion Ratio Lower Upper

50 100

52 30.4 23.5 43.7



Abundance Ion 50.05 (49.75 to 50.75): VV009444.D (-42) (-)



#8

Chloroethane

Concen: 0.113 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.00 min

Lab File: VV009447.D

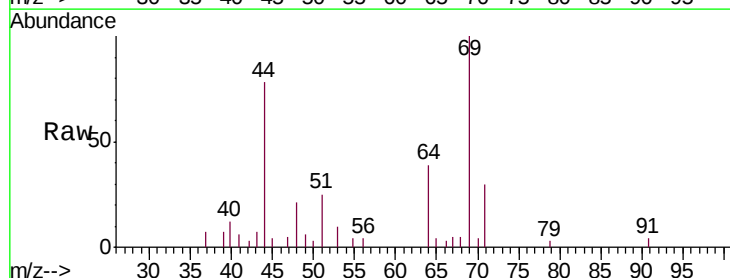
Acq: 01 Mar 2019 11:32

Tgt Ion: 64 Resp: 491

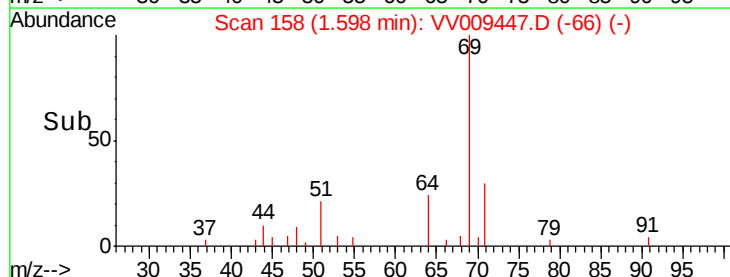
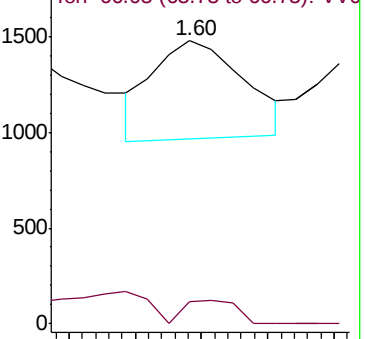
Ion Ratio Lower Upper

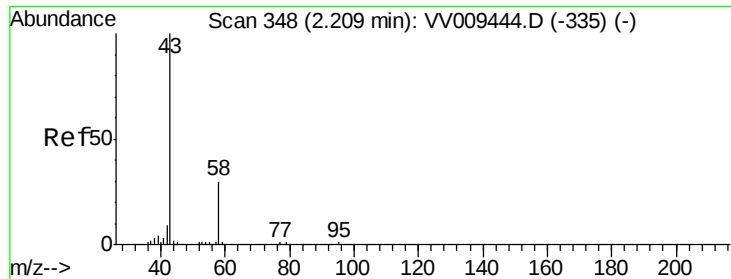
64 100

66 7.7 21.3 39.5#



Abundance Ion 64.10 (63.80 to 64.80): VV009444.D (-146) (-)





#13

Acetone

Concen: 6.764 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

Lab File: VV009447.D

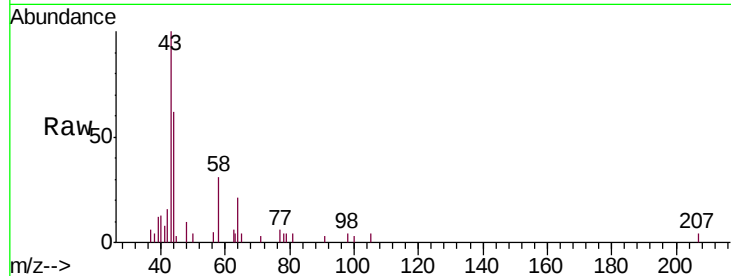
Acq: 01 Mar 2019 11:32

Tgt Ion: 43 Resp: 5835

Ion Ratio Lower Upper

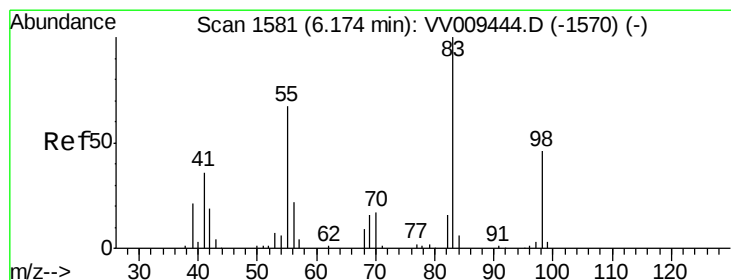
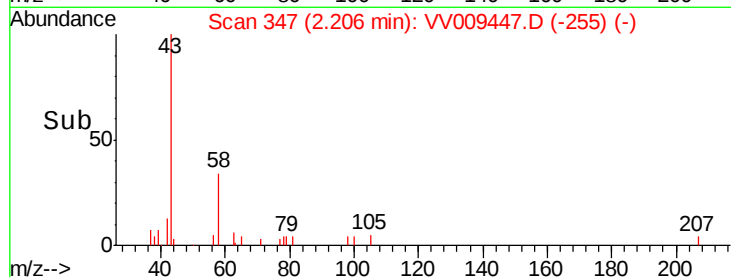
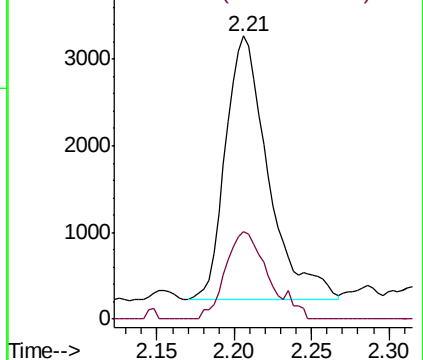
43 100

58 33.1 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#35

Methylcyclohexane

Concen: 0.712 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV009447.D

Acq: 01 Mar 2019 11:32

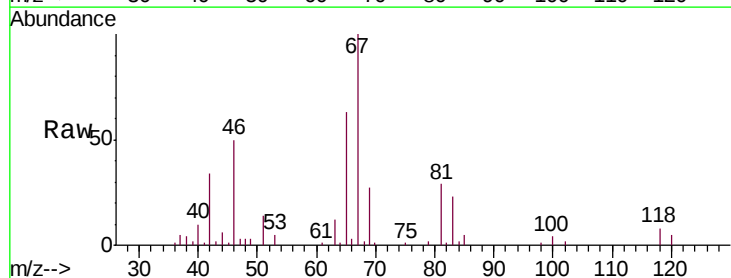
Tgt Ion: 83 Resp: 7325

Ion Ratio Lower Upper

83 100

55 2.0 59.8 89.8#

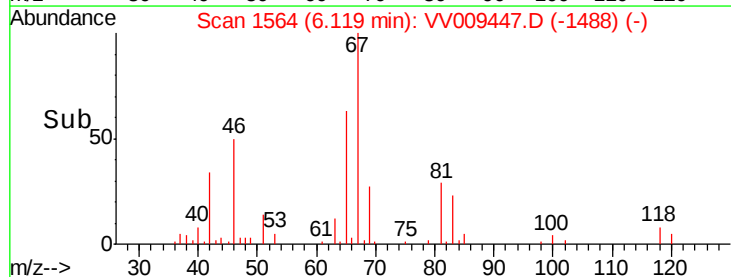
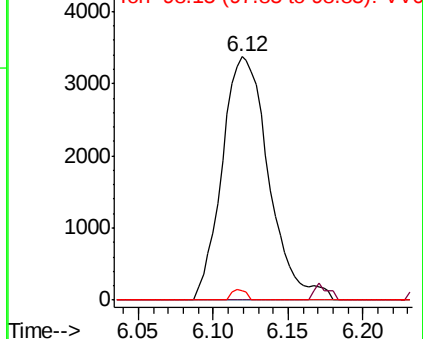
98 1.3 39.9 59.9#

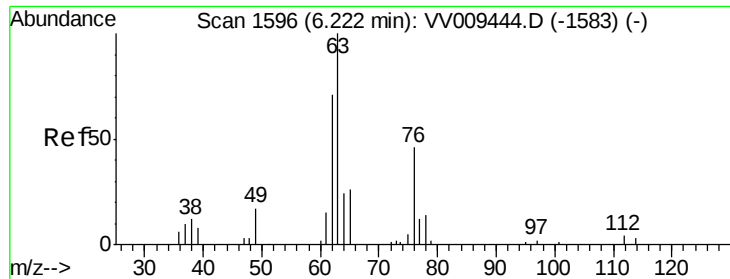


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

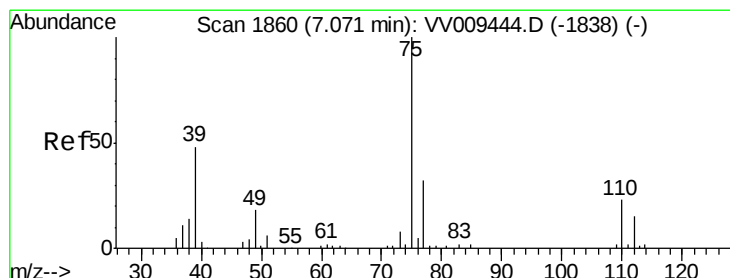
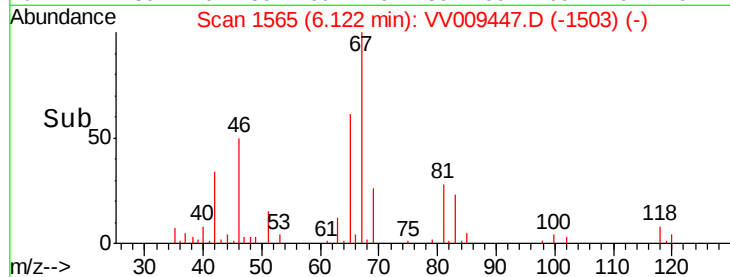
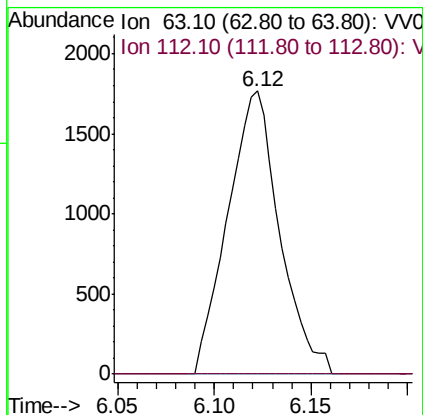
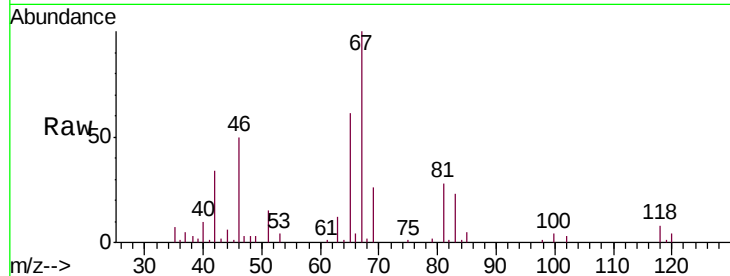
Ion 98.15 (97.85 to 98.85): VV0





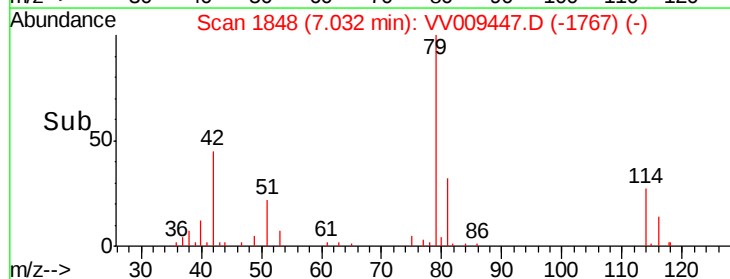
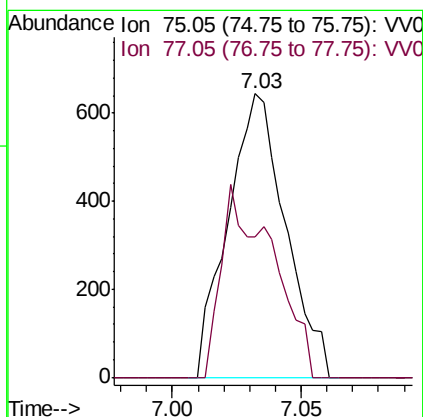
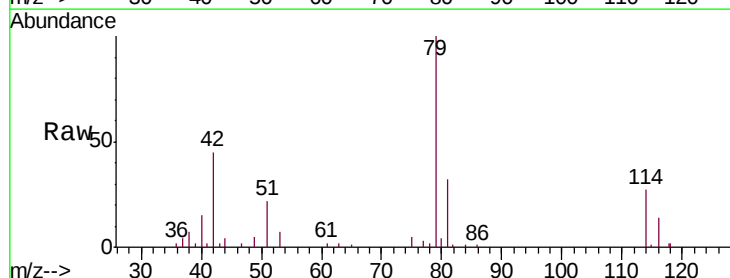
#37
 1,2-Dichloropropane
 Concen: 0.606 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV009447.D
 Acq: 01 Mar 2019 11:32

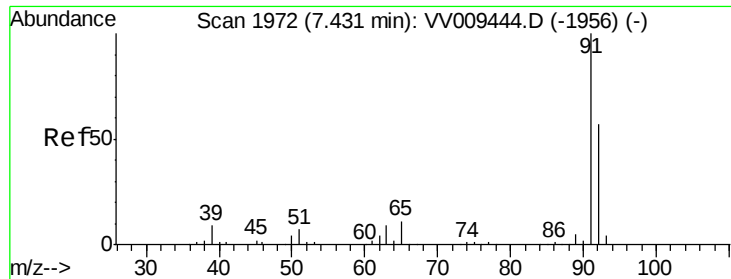
Tgt Ion: 63 Resp: 3291
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009447.D
 Acq: 01 Mar 2019 11:32

Tgt Ion: 75 Resp: 1001
 Ion Ratio Lower Upper
 75 100
 77 49.4 21.1 39.1#





#42

Toluene

Concen: 0.109 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV009447.D

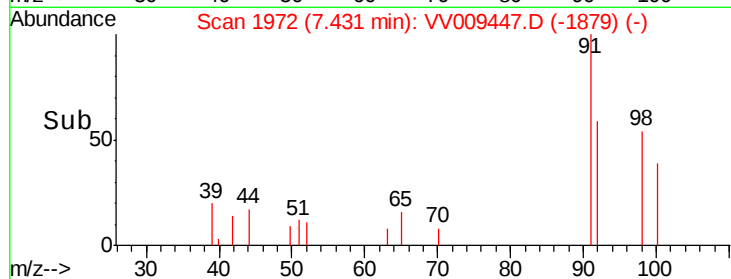
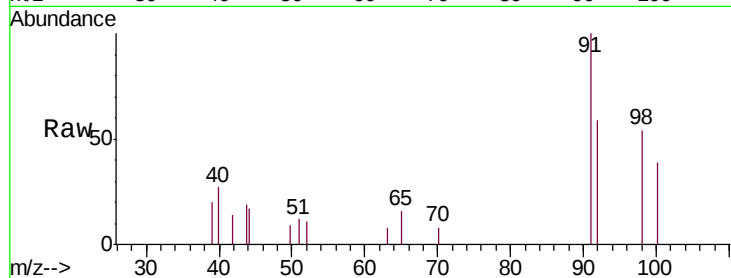
Acq: 01 Mar 2019 11:32

Tgt Ion: 91 Resp: 2761

Ion Ratio Lower Upper

91 100

92 59.1 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

