

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100518\
 Data File : VV008139.D
 Acq On : 06 Oct 2018 10:06
 Operator : SY/MD
 Sample : J5277-16
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 05:28:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 08 05:22:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	99962	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	97091	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45176	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25049	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.59	69	23021	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.14	63	38463	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.97	46	77648	52.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.20%
24) Chloroform-d	4.41	84	58531	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.09	65	29674	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.10	84	110596	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.12	67	35829	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.36	98	94717	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	7.67	79	10771	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.14	63	51148	46.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.70%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25066	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	39390	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

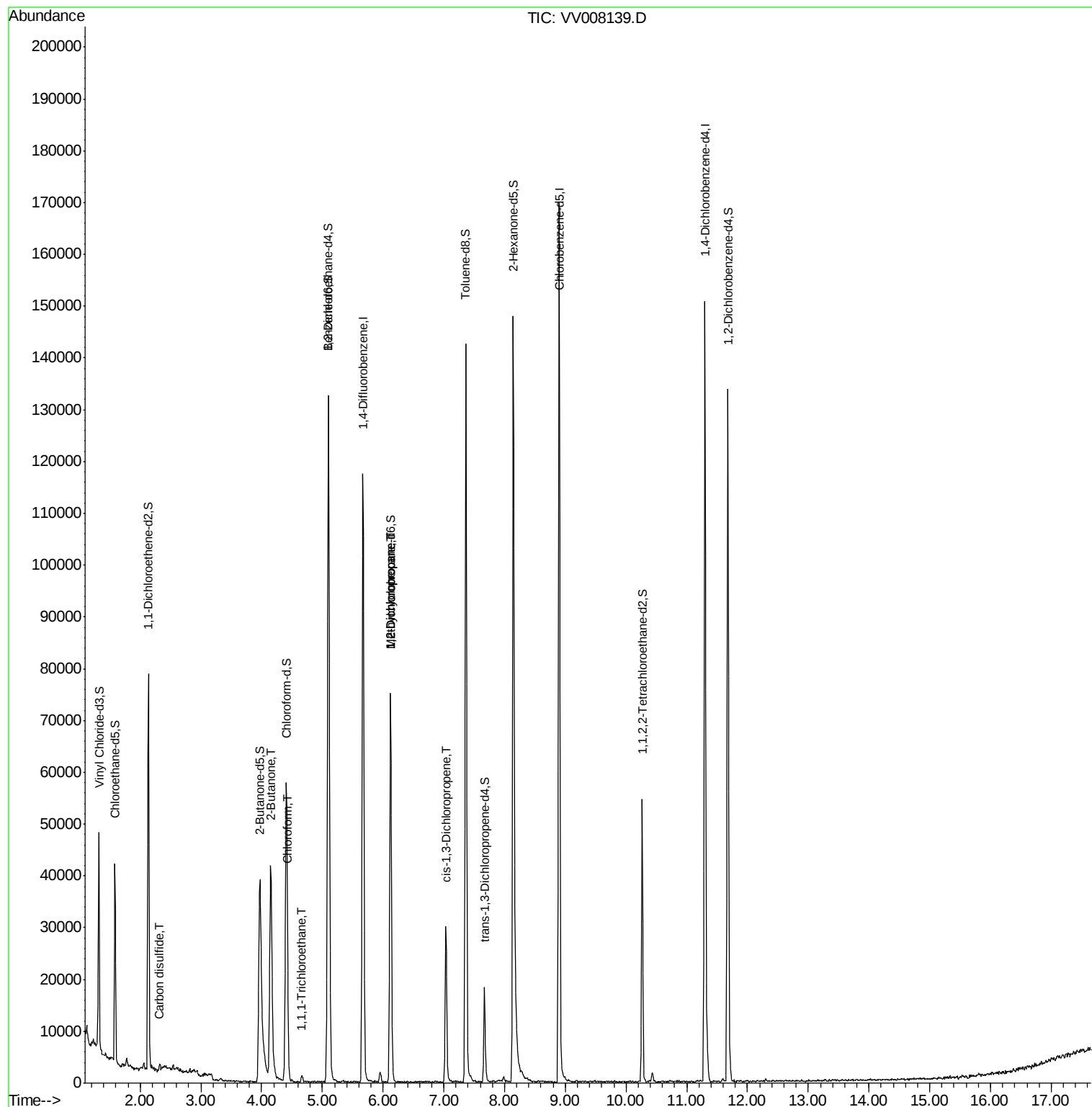
					Ovalue
14) Carbon disulfide	2.32	76	1256	0.091 ug/L #	66
21) 2-Butanone	4.15	43	68490	42.447 ug/L #	49
25) Chloroform	4.43	83	1368	0.113 ug/L	97
29) 1,1,1-Trichloroethane	4.67	97	1046	0.097 ug/L #	68
35) Methylcyclohexane	6.12	83	8843	0.885 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	3847	0.582 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	712	0.084 ug/L #	49

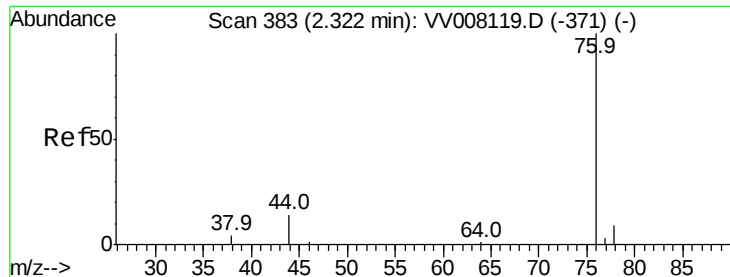
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.091 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VV008119.D

Acq: 06 Oct 2018 10:06

Instrument :

MSVOA_V

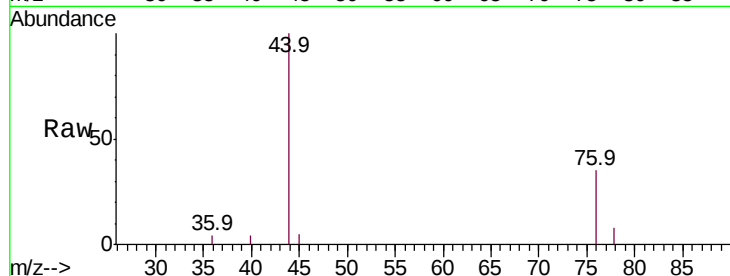
ClientSampleId :

Tot Ion: 76 Resp: 1256

Ion Ratio Lower Upper

76 100

78 22.8 8.0 12.0#



Abundance Ion 76.05 (75.75 to 76.75): VV008119.D (-371) (-)

Ion 78.00 (77.70 to 78.70): VV008119.D (-371) (-)

2.32

800

600

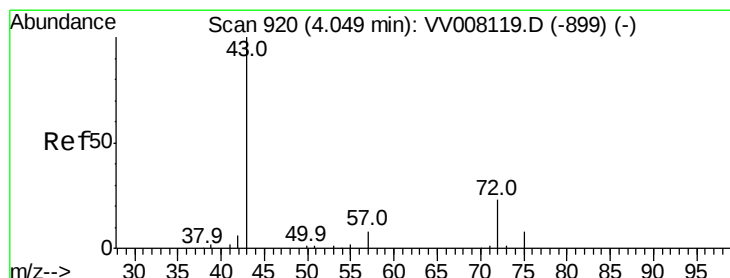
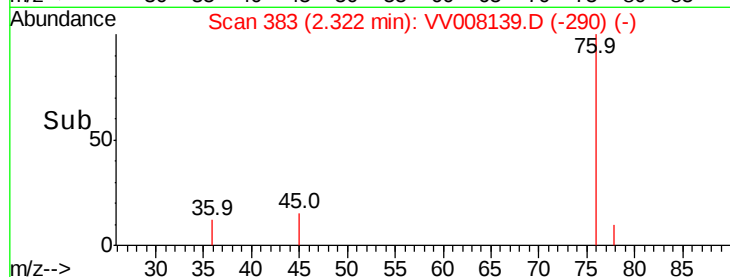
400

200

0

Time-->

2.28 2.30 2.32 2.34 2.36



#21

2-Butanone

Concen: 42.447 ug/L

RT: 4.15 min Scan# 952

Delta R.T. 0.10 min

Lab File: VV008119.D

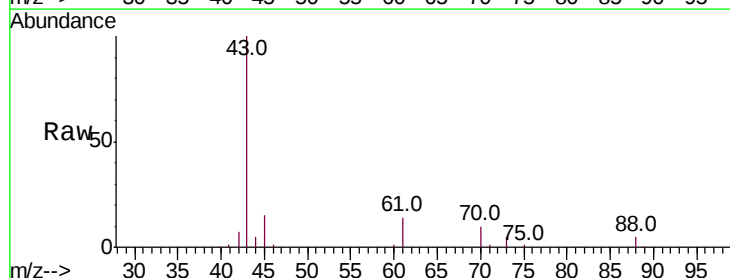
Acq: 06 Oct 2018 10:06

Tgt Ion: 43 Resp: 68490

Ion Ratio Lower Upper

43 100

72 0.0 12.9 38.6#



Abundance Ion 43.05 (42.75 to 43.75): VV008119.D (-899) (-)

Ion 72.10 (71.80 to 72.80): VV008119.D (-899) (-)

4.15

30000

25000

20000

15000

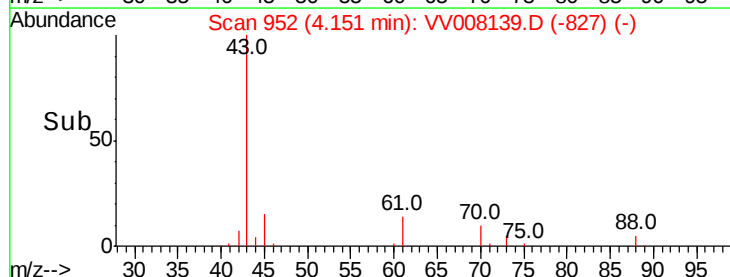
10000

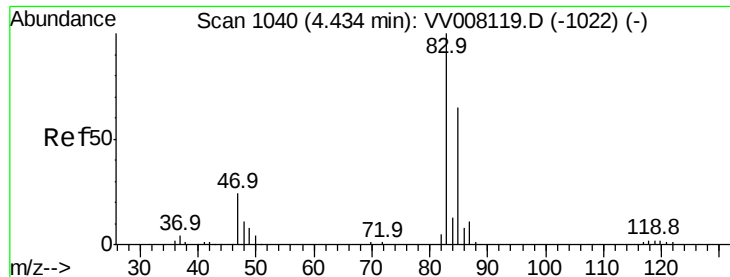
5000

0

Time-->

4.10 4.20 4.30

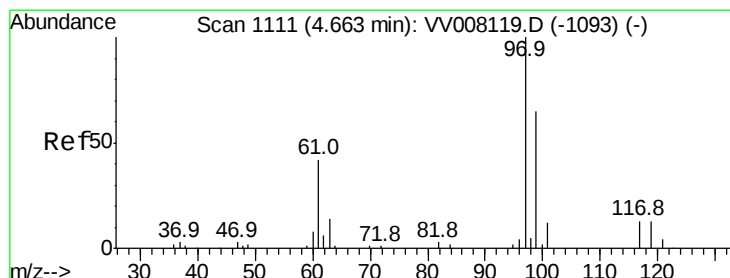
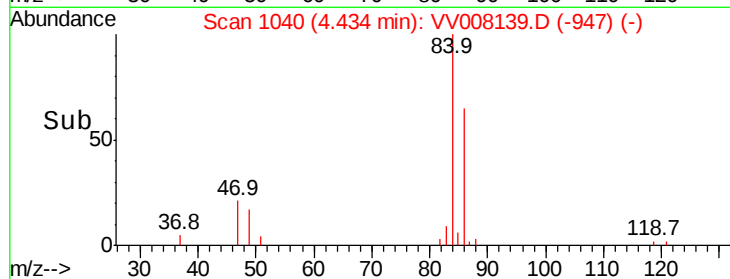
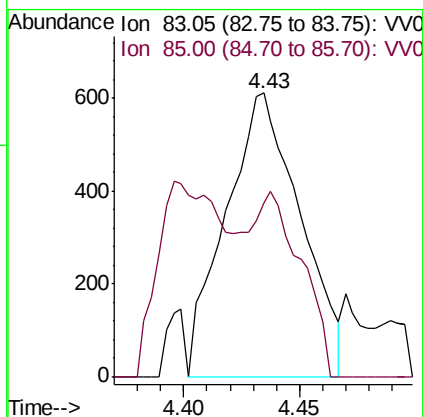
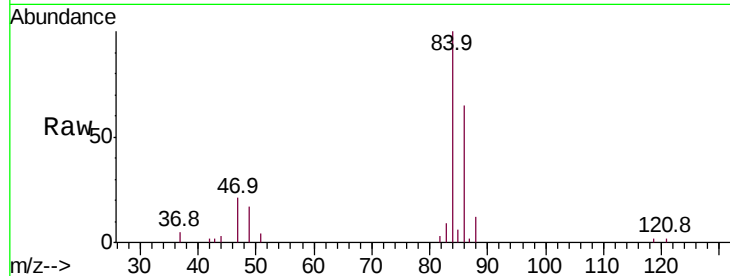




#25
Chloroform
Concen: 0.113 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008139.D
Acq: 06 Oct 2018 10:06

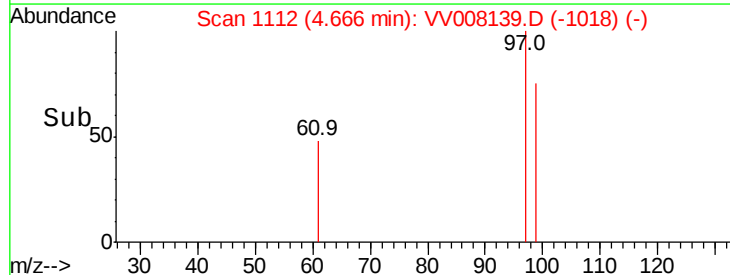
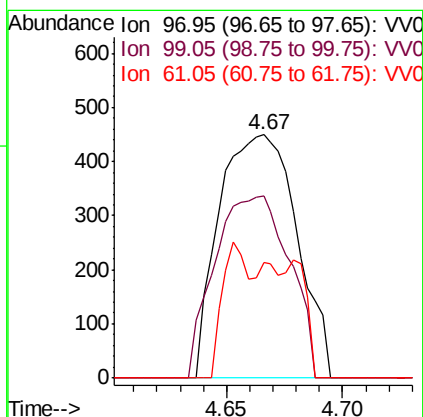
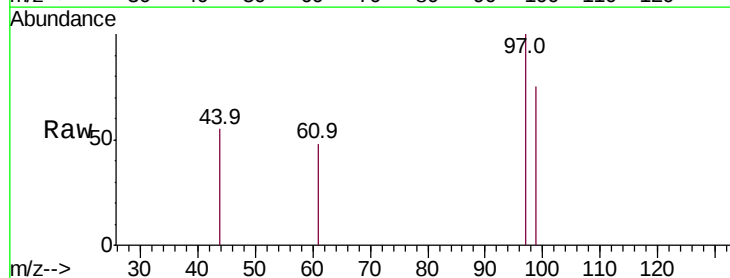
Instrument :
MSVOA_V
ClientSampleId :

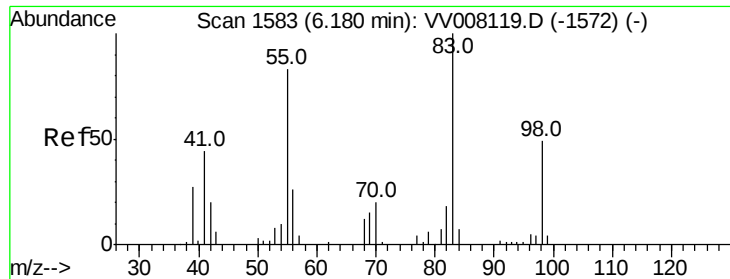
Tot Ion: 83 Resp: 1368
Ion Ratio Lower Upper
83 100
85 61.2 44.6 82.8



#29
1,1,1-Trichloroethane
Concen: 0.097 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VV008139.D
Acq: 06 Oct 2018 10:06

Tgt Ion: 97 Resp: 1046
Ion Ratio Lower Upper
97 100
99 72.1 51.0 76.4
61 2.5 34.0 51.0#

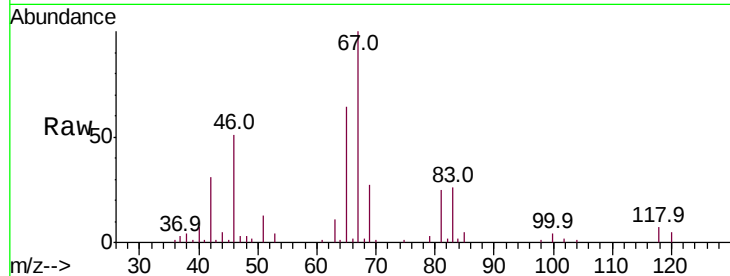




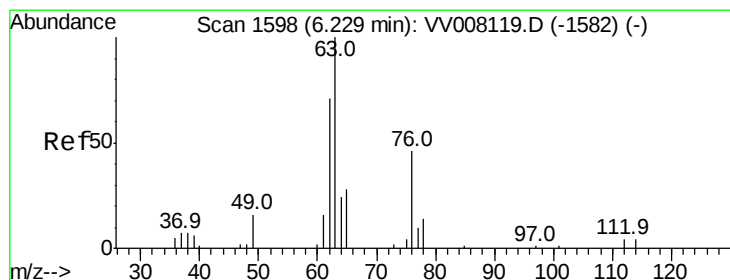
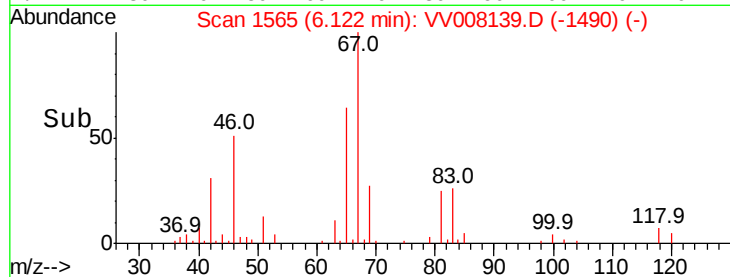
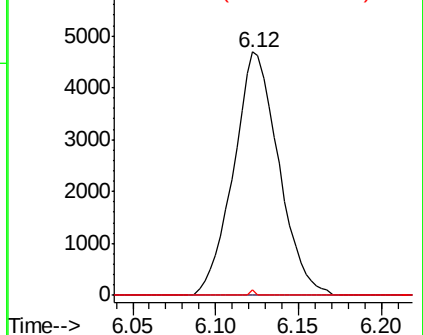
#35
Methvlcvclohexane
Concen: 0.885 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008139.D
Acq: 06 Oct 2018 10:06

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 8843
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 0.2 38.3 57.5#

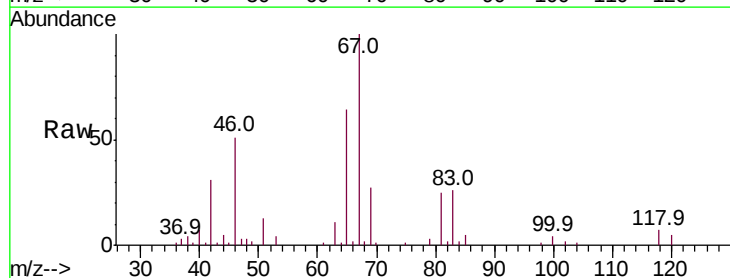


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

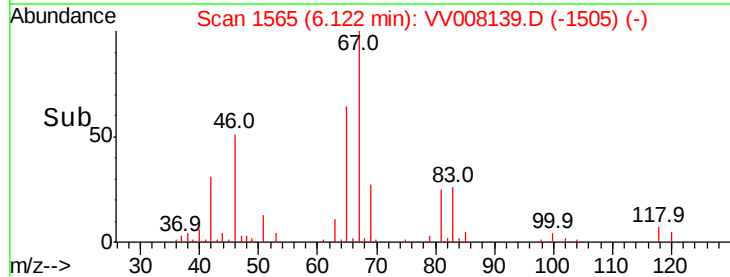
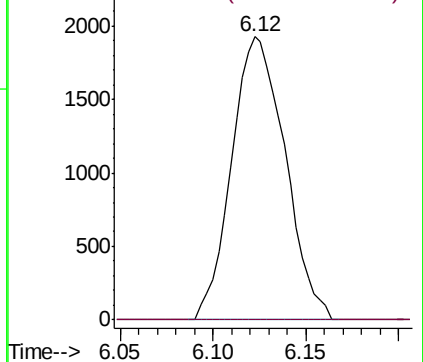


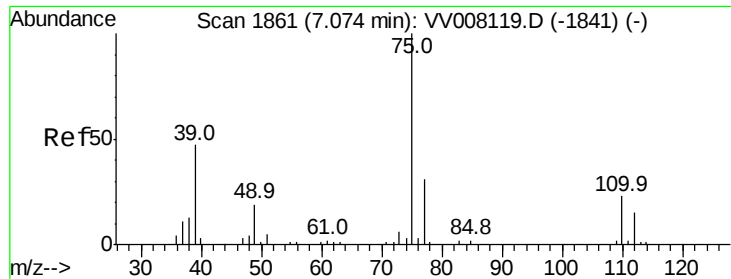
#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV008139.D
Acq: 06 Oct 2018 10:06

Tgt Ion: 63 Resp: 3847
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008139.D
 Acq: 06 Oct 2018 10:06

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 712
 Ion Ratio Lower Upper
 75 100
 77 59.8 22.1 41.1#

