

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100218\
 Data File : VV008038.D
 Acq On : 02 Oct 2018 19:49
 Operator : SY/MD
 Sample : J5185-08
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 03 05:36:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 03 05:34:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87969	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84115	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39643	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21734	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.59	69	19906	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.13	63	35290	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	3.96	46	67324	47.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.92%
24) Chloroform-d	4.41	84	51406	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.09	65	28112	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.10	84	99442	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.13	67	32101	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	94204	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.67	79	10798	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.14	63	46029	42.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21498	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	38640	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

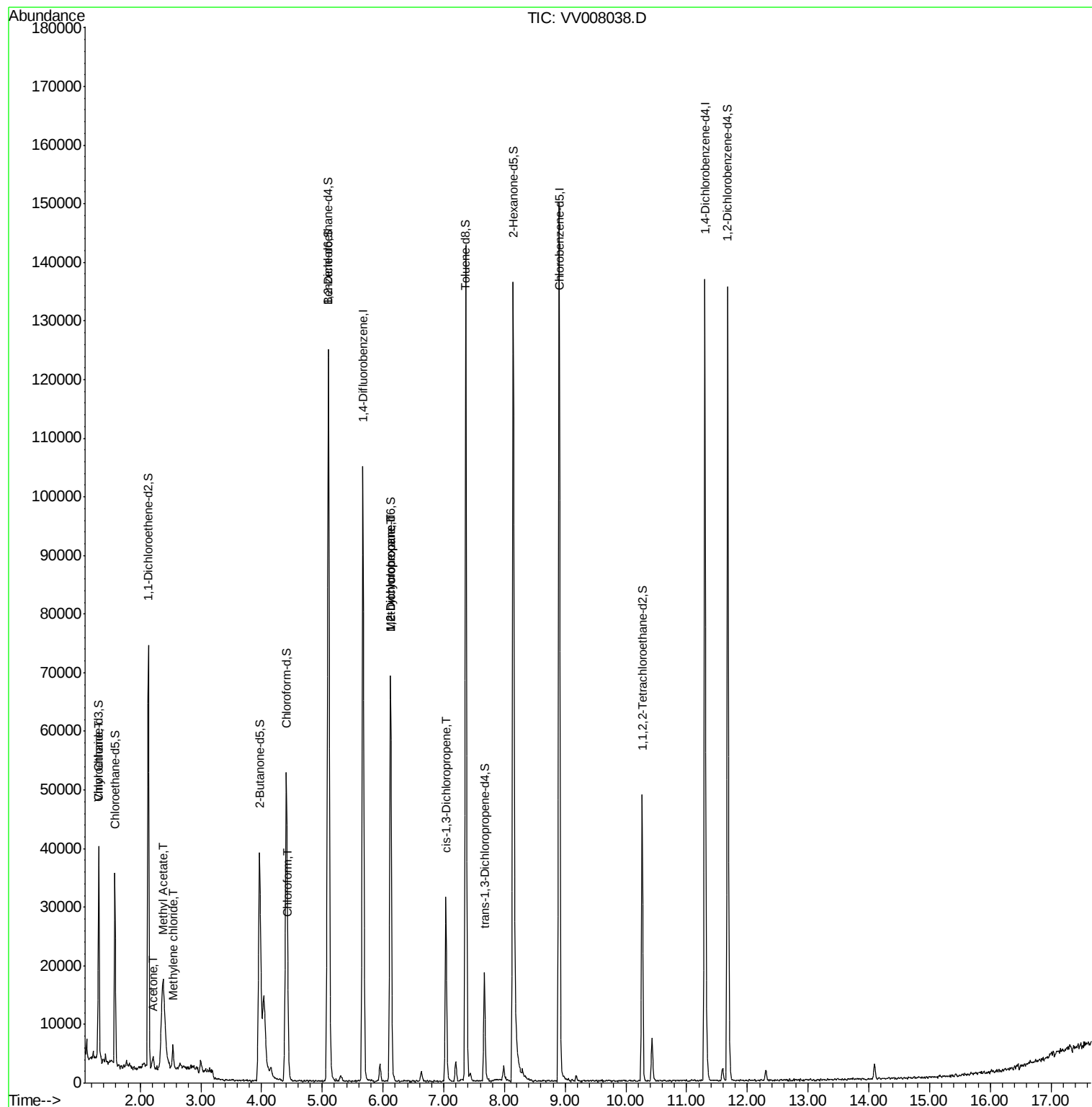
					Ovalue
8) Chloroethane	1.32	64	347	0.082 ug/L #	1
13) Acetone	2.21	43	2353	2.277 ug/L	97
15) Methyl Acetate	2.38	43	8684	3.286 ug/L #	51
16) Methylene chloride	2.54	84	1387	0.215 ug/L	97
25) Chloroform	4.44	83	2637	0.223 ug/L	97
35) Methylcyclohexane	6.12	83	8244	0.797 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3562	0.579 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	851	0.103 ug/L #	74

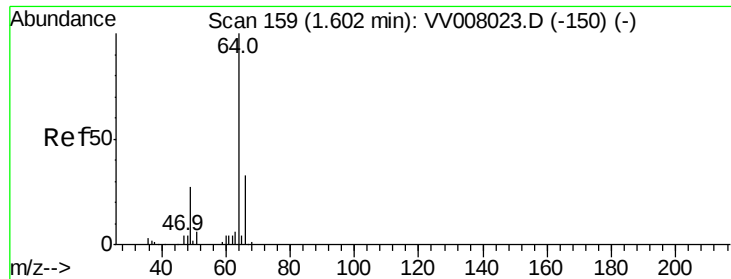
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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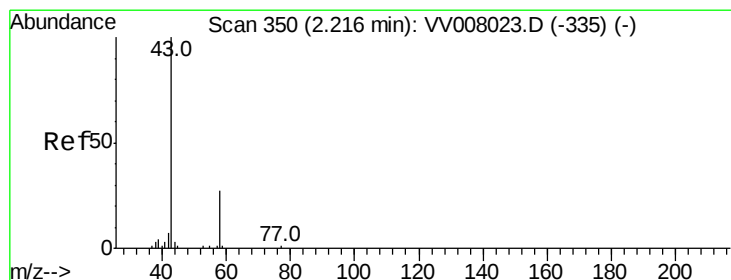
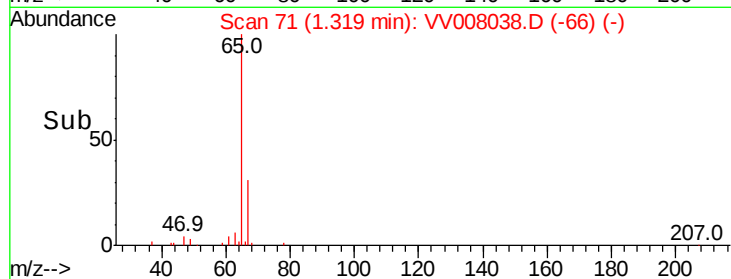
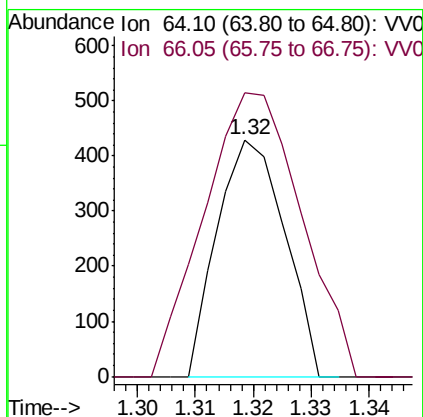
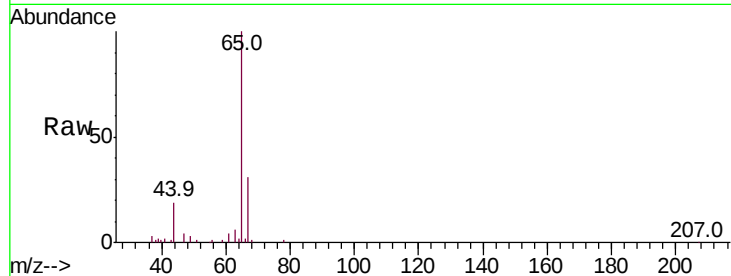




#8
Chloroethane
Concen: 0.082 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV008038.D
Acq: 02 Oct 2018 19:49

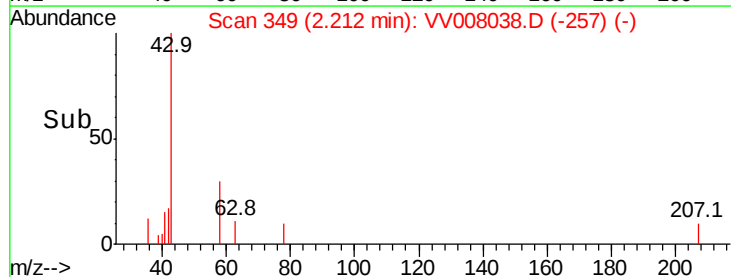
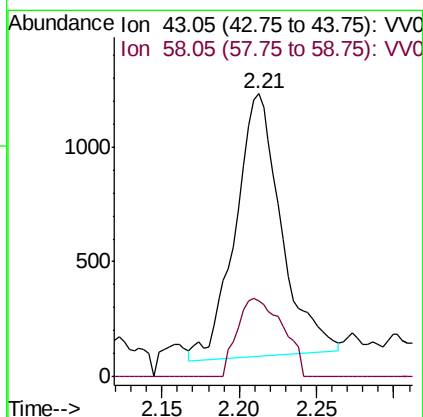
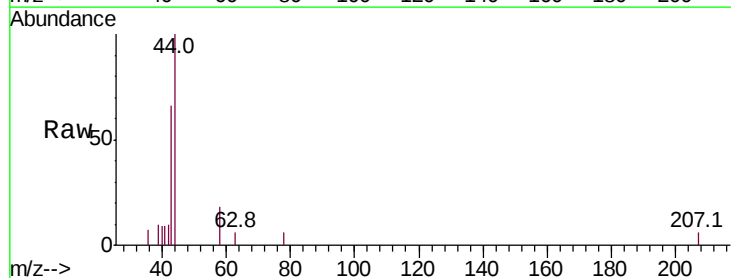
Instrument :
MSVOA_V
ClientSampleId :

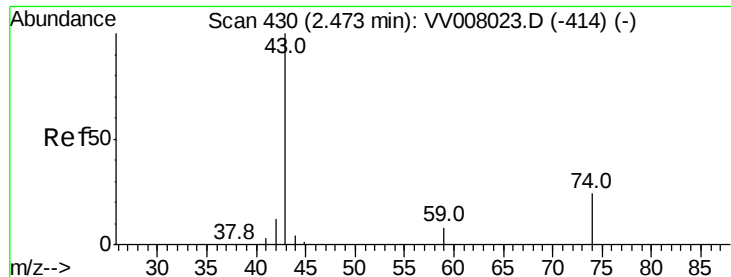
Tot Ion: 64 Resp: 347
Ion Ratio Lower Upper
64 100
66 119.8 23.1 42.9#



#13
Acetone
Concen: 2.277 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.00 min
Lab File: VV008038.D
Acq: 02 Oct 2018 19:49

Tgt Ion: 43 Resp: 2353
Ion Ratio Lower Upper
43 100
58 29.5 0.0 62.0





#15

Methyl Acetate

Concen: 3.286 ug/L

RT: 2.38 min Scan# 400

Delta R.T. -0.10 min

Lab File: VV008038.D

Acq: 02 Oct 2018 19:49

Instrument :

MSVOA_V

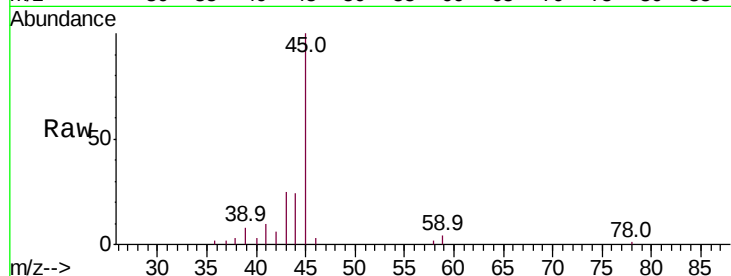
ClientSampled :

Tot Ion: 43 Resp: 8684

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



Abundance Ion 43.05 (42.75 to 43.75): VV008038.D (-337) (-)

Ion 74.05 (73.75 to 74.75): VV008038.D (-337) (-)

2.38

2000

1500

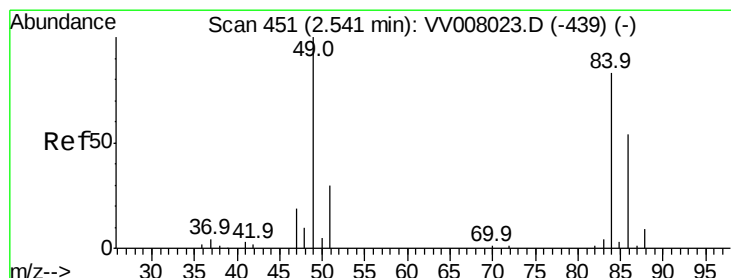
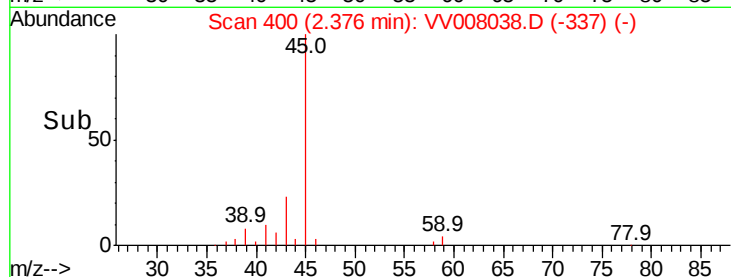
1000

500

0

2.30 2.40 2.50

Time-->



#16

Methylene chloride

Concen: 0.215 ug/L

RT: 2.54 min Scan# 451

Delta R.T. -0.00 min

Lab File: VV008038.D

Acq: 02 Oct 2018 19:49

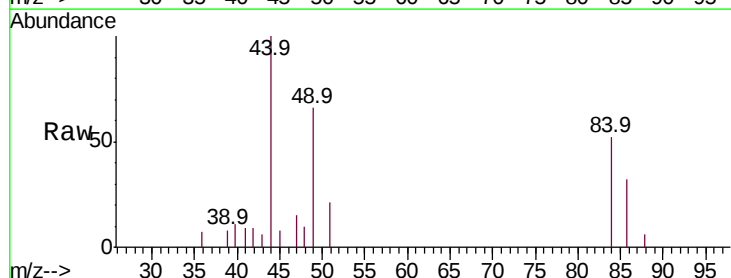
Tgt Ion: 84 Resp: 1387

Ion Ratio Lower Upper

84 100

86 62.5 47.3 87.8

49 126.8 90.0 167.2



Abundance Ion 84.05 (83.75 to 84.75): VV008038.D (-358) (-)

Ion 86.00 (85.70 to 86.70): VV008038.D (-358) (-)

Ion 49.10 (48.80 to 49.80): VV008038.D (-358) (-)

1500

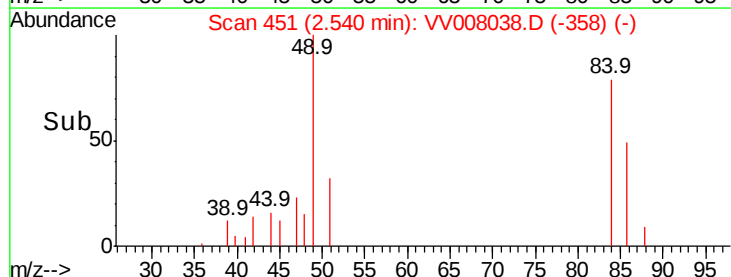
1000

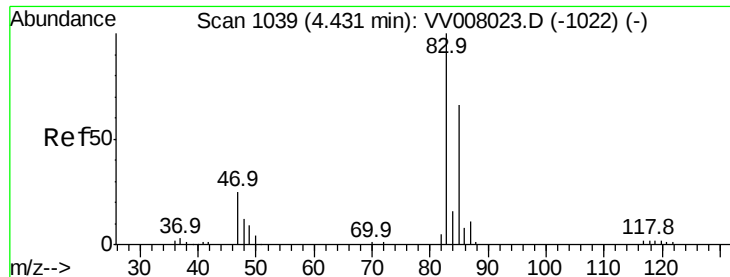
500

0

2.50 2.55

Time-->

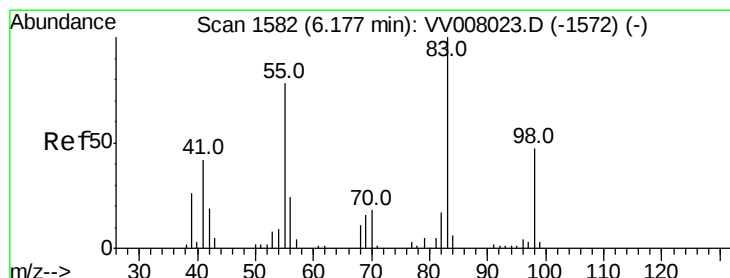
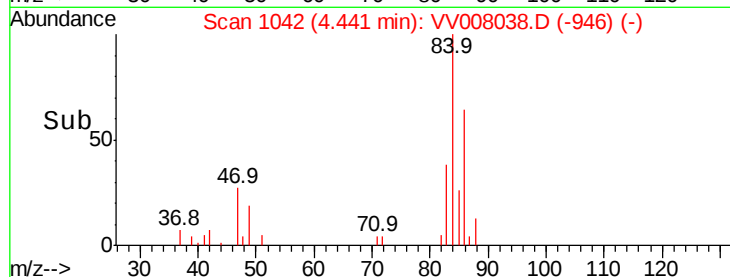
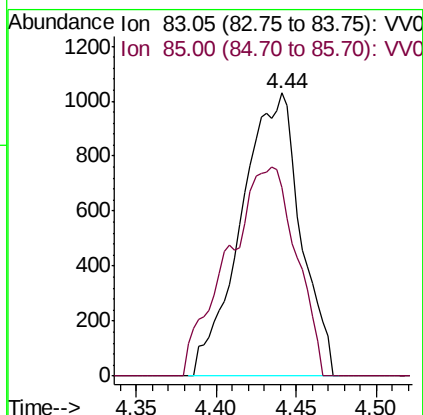
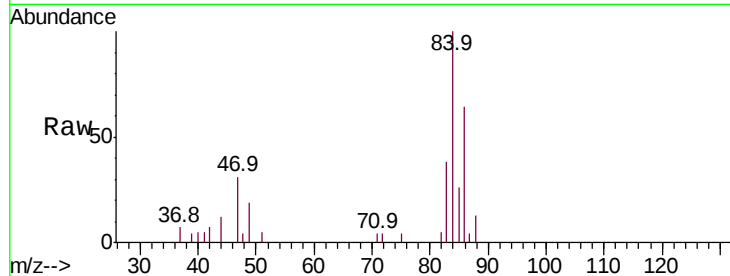




#25
Chloroform
Concen: 0.223 ug/L
RT: 4.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VV008038.D
Acq: 02 Oct 2018 19:49

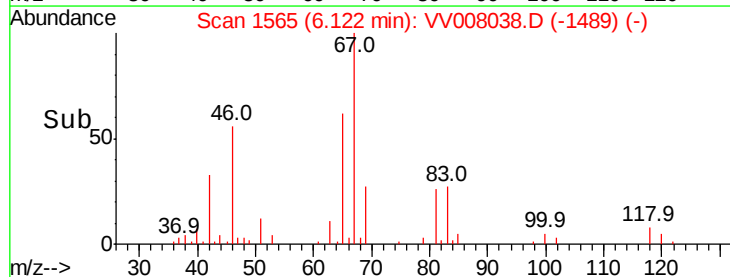
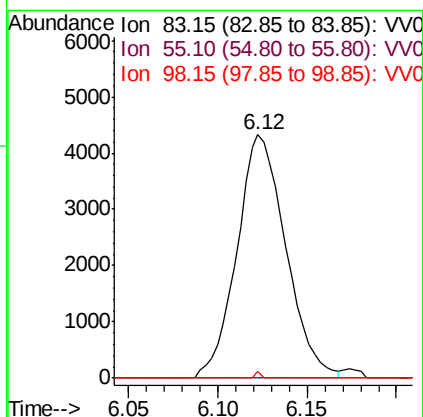
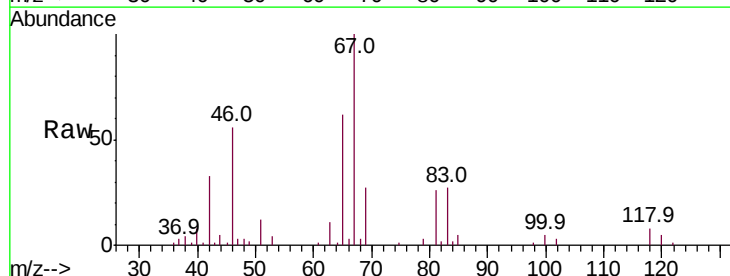
Instrument :
MSVOA_V
ClientSampled :

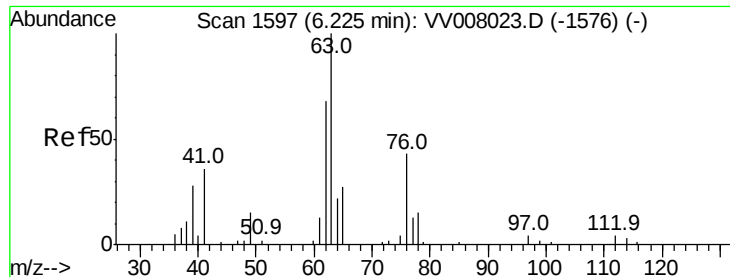
Tot Ion: 83 Resp: 2637
Ion Ratio Lower Upper
83 100
85 66.5 44.8 83.2



#35
Methylcyclohexane
Concen: 0.797 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008038.D
Acq: 02 Oct 2018 19:49

Tgt Ion: 83 Resp: 8244
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.3 38.0 57.0#





#37

1,2-Dichloropropane

Concen: 0.579 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008038.D

Acq: 02 Oct 2018 19:49

Instrument :

MSVOA_V

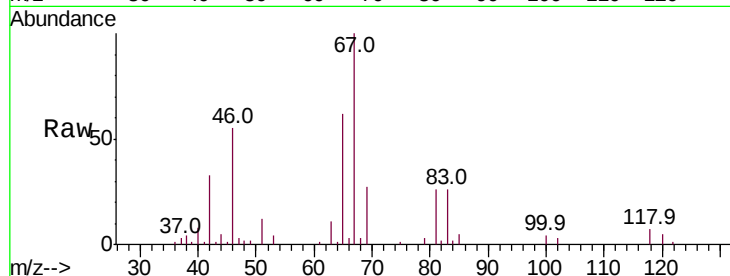
ClientSampleId :

Tot Ion: 63 Resp: 3562

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV008023.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV008023.D (-1576) (-)

6.13

2000

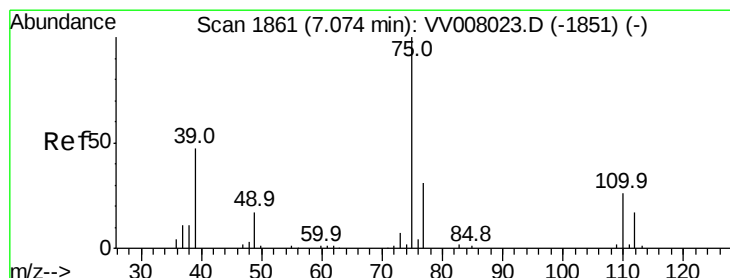
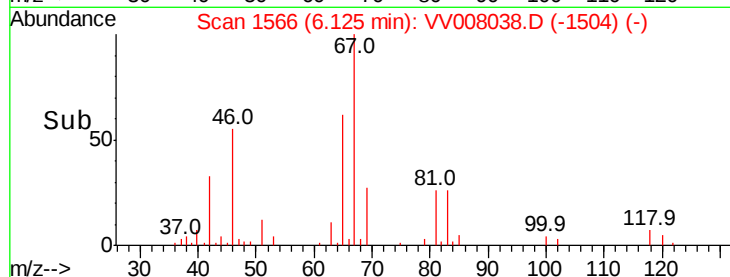
1500

1000

500

0

Time--> 6.05 6.10 6.15



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008038.D

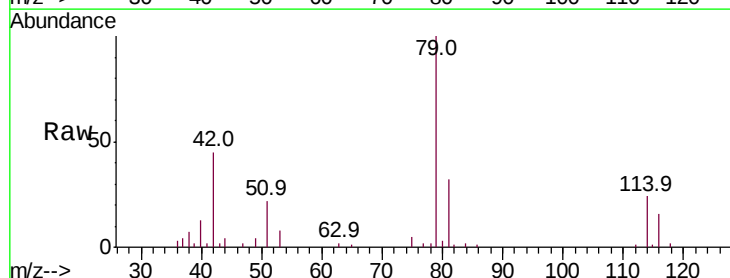
Acq: 02 Oct 2018 19:49

Tgt Ion: 75 Resp: 851

Ion Ratio Lower Upper

75 100

77 47.1 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV008023.D (-1851) (-)

Ion 77.05 (76.75 to 77.75): VV008023.D (-1851) (-)

7.03

500

400

300

200

100

0

Time--> 7.00 7.05

