

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV007993.D
 Acq On : 01 Oct 2018 14:28
 Operator : SY/MD
 Sample : J5063-06
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 02 02:56:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 02:56:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	85219	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80967	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40060	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17678	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.59	69	17803	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.14	63	30797	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	3.96	46	80984	58.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.88%
24) Chloroform-d	4.41	84	51986	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.09	65	28789	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.10	84	94298	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	31607	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.36	98	86746	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.67	79	10984	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.14	63	59649	57.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25328	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	38060	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

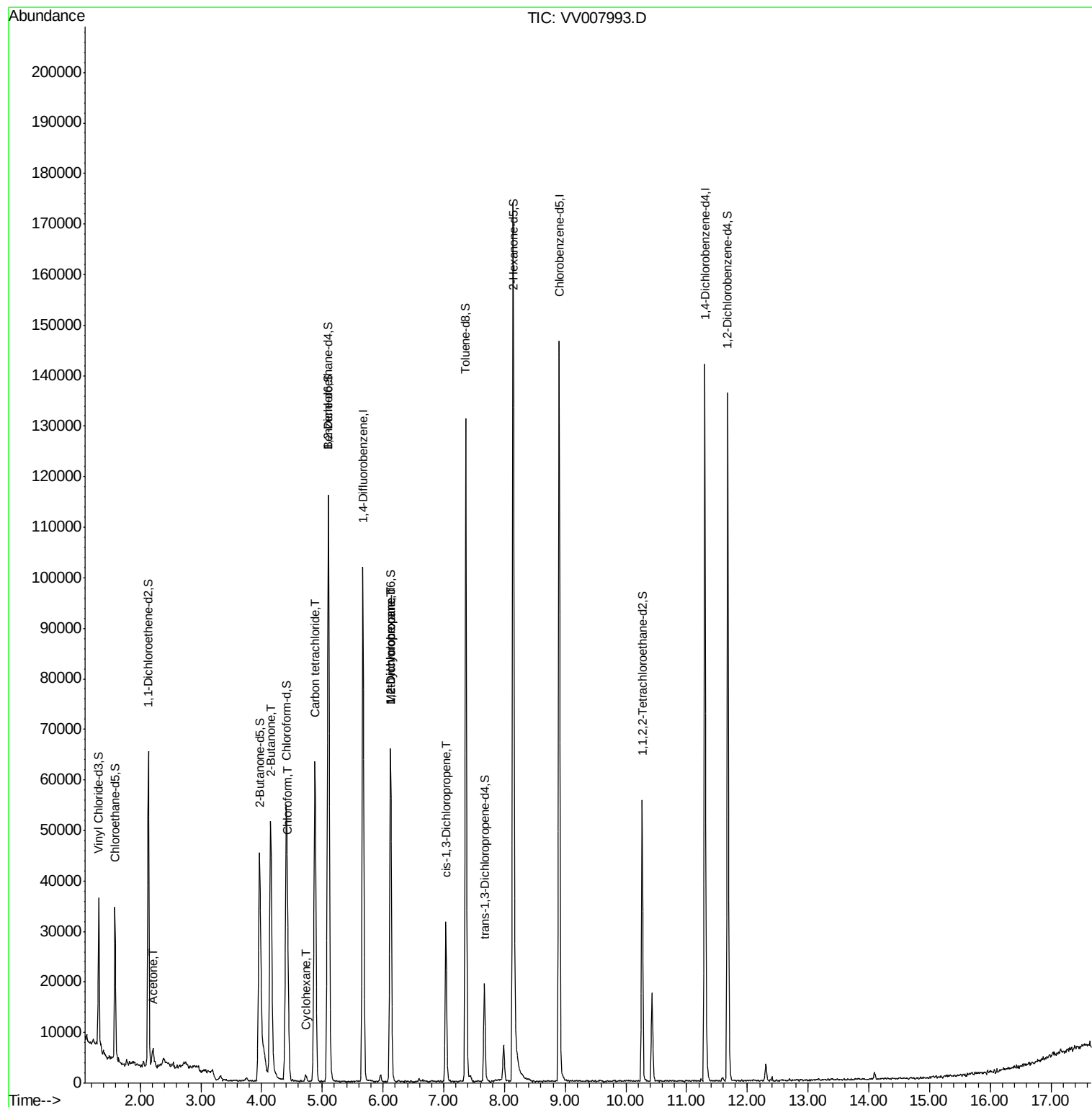
					Ovalue
13) Acetone	2.21	43	4096	4.091	ug/L 92
21) 2-Butanone	4.15	43	80683	50.582	ug/L # 50
25) Chloroform	4.43	83	12996	1.134	ug/L 97
30) Cyclohexane	4.72	56	700	0.076	ug/L # 57
31) Carbon tetrachloride	4.88	117	46221	5.385	ug/L 99
35) Methylcyclohexane	6.13	83	7755	0.779	ug/L # 18
37) 1,2-Dichloropropane	6.12	63	3664	0.619	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	935	0.118	ug/L # 74

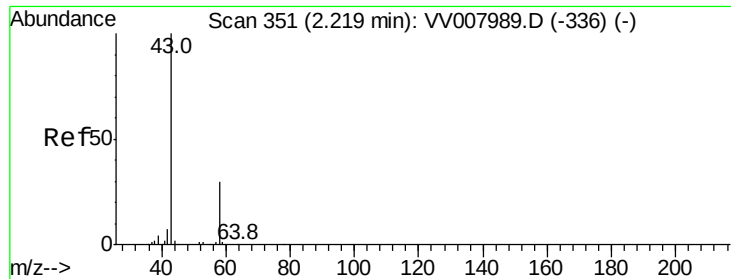
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 02 02:56:09 2018
Response via : Initial Calibration





#13

Acetone

Concen: 4.091 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

Lab File: VV007993.D

Acq: 01 Oct 2018 14:28

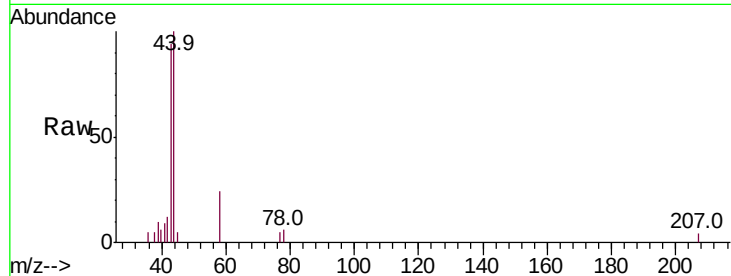
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4096

Ion Ratio Lower Upper

43 100

58 26.4 0.0 62.0

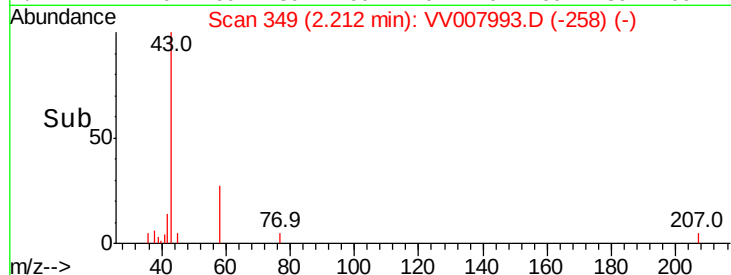


Abundance Ion 43.05 (42.75 to 43.75): VV007989.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV007989.D (-336) (-)

2.21

2.15 2.20 2.25

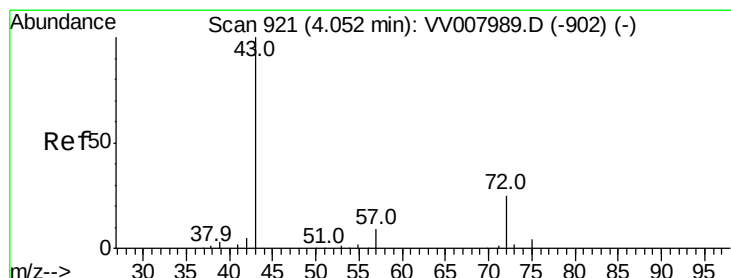


Abundance Ion 43.05 (42.75 to 43.75): VV007993.D (-258) (-)

Ion 58.05 (57.75 to 58.75): VV007993.D (-258) (-)

2.21

2.15 2.20 2.25



#21

2-Butanone

Concen: 50.582 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV007993.D

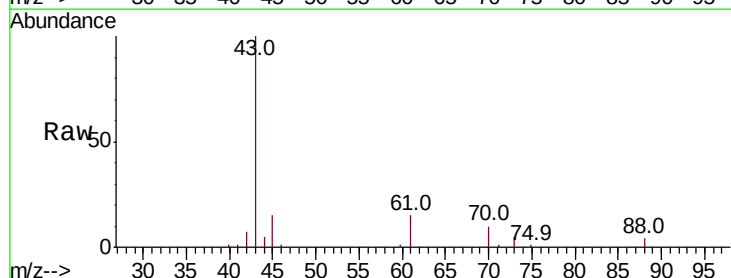
Acq: 01 Oct 2018 14:28

Tgt Ion: 43 Resp: 80683

Ion Ratio Lower Upper

43 100

72 0.0 12.5 37.5#

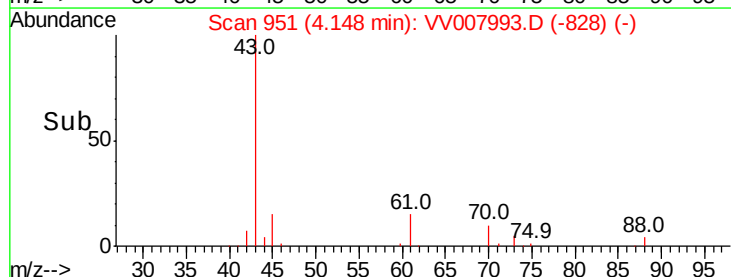


Abundance Ion 43.05 (42.75 to 43.75): VV007989.D (-902) (-)

Ion 72.10 (71.80 to 72.80): VV007989.D (-902) (-)

4.15

4.10 4.15 4.20

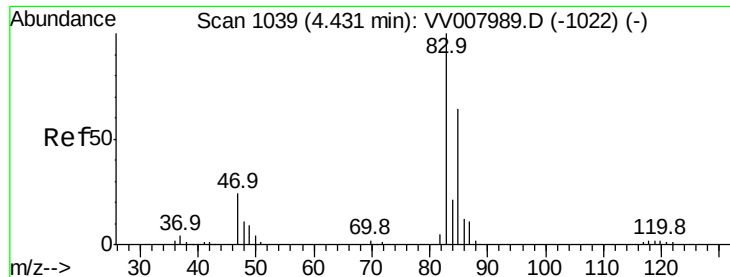


Abundance Ion 43.05 (42.75 to 43.75): VV007993.D (-828) (-)

Ion 72.10 (71.80 to 72.80): VV007993.D (-828) (-)

4.15

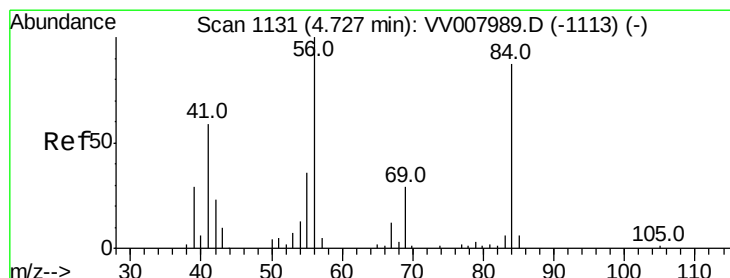
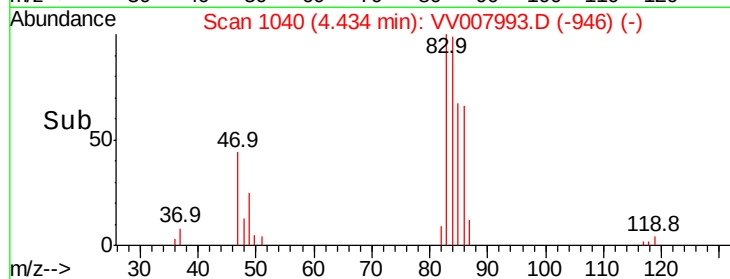
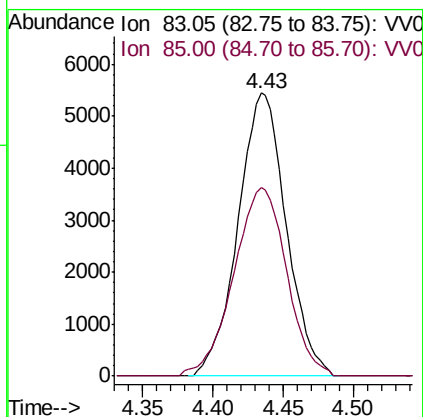
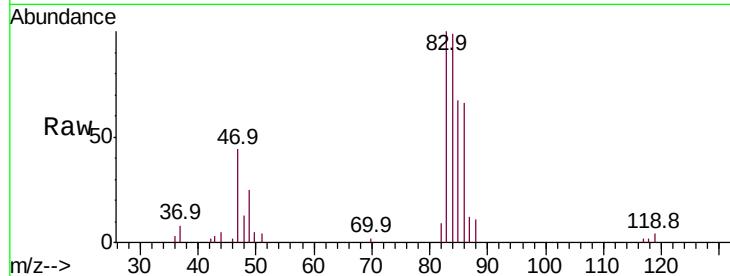
4.10 4.15 4.20



#25
Chloroform
Concen: 1.134 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV007993.D
Acq: 01 Oct 2018 14:28

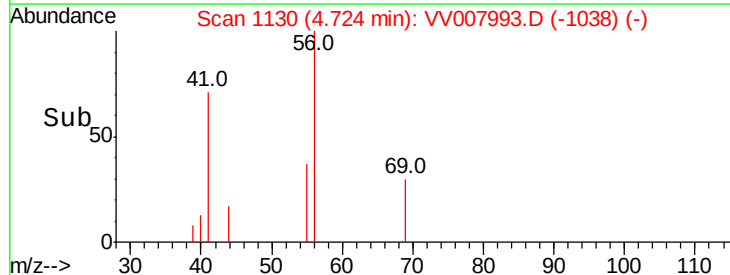
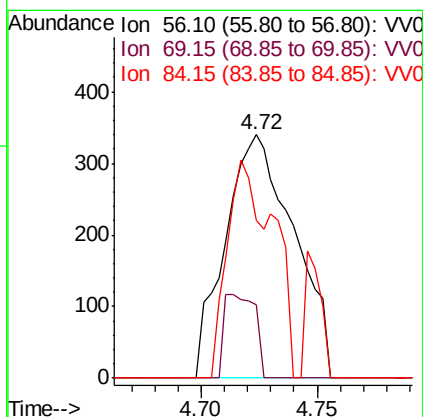
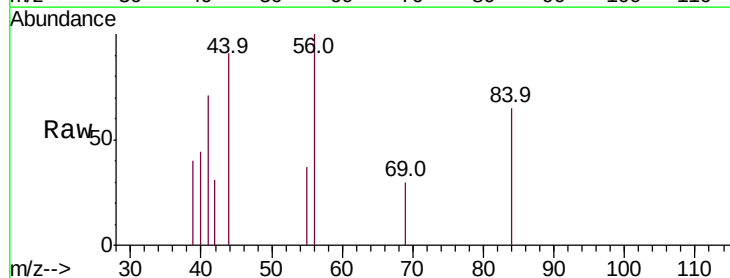
Instrument :
MSVOA_V
ClientSampled :

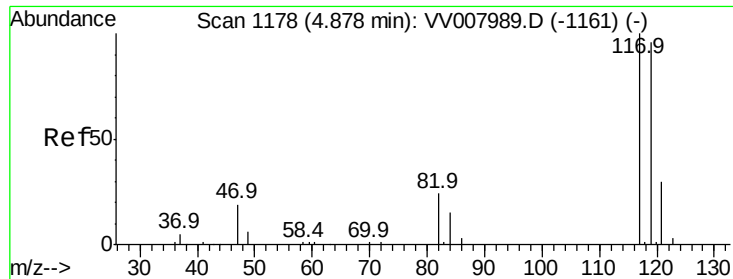
Tot Ion: 83 Resp: 12996
Ion Ratio Lower Upper
83 100
85 66.6 44.8 83.2



#30
Cyclohexane
Concen: 0.076 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. -0.00 min
Lab File: VV007993.D
Acq: 01 Oct 2018 14:28

Tgt Ion: 56 Resp: 700
Ion Ratio Lower Upper
56 100
69 15.3 24.2 36.4#
84 42.4 69.8 104.8#





#31

Carbon tetrachloride

Concen: 5.385 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV007993.D

Acq: 01 Oct 2018 14:28

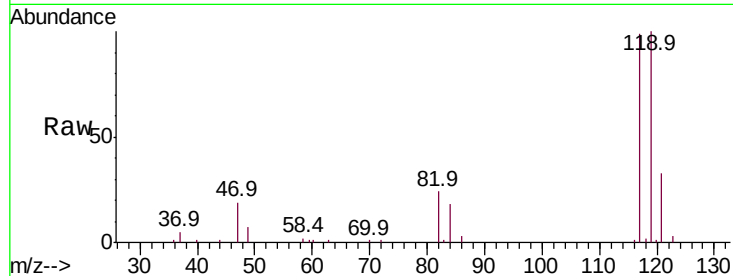
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:117 Resp: 46221

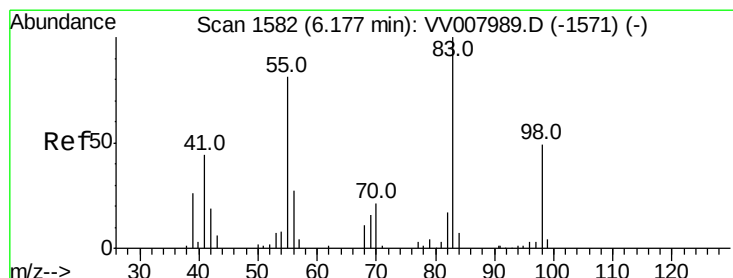
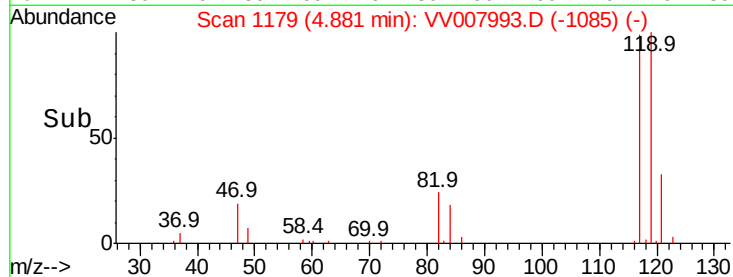
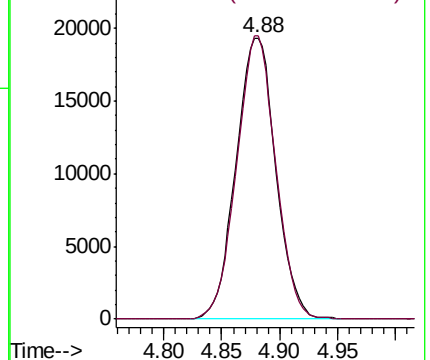
Ion Ratio Lower Upper

117 100

119 98.3 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: 0.779 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007993.D

Acq: 01 Oct 2018 14:28

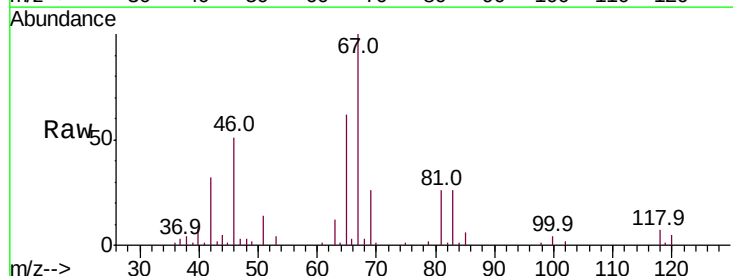
Tgt Ion: 83 Resp: 7755

Ion Ratio Lower Upper

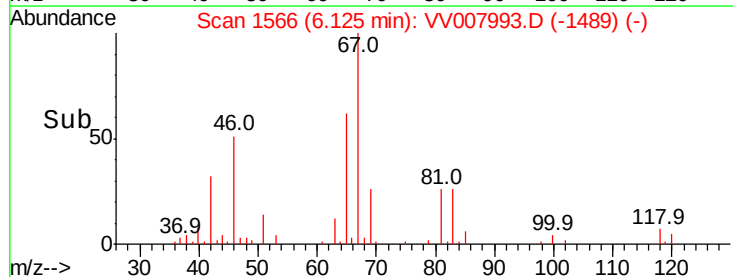
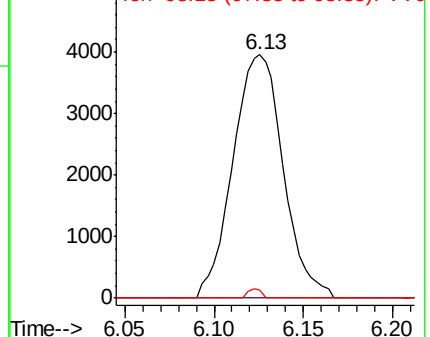
83 100

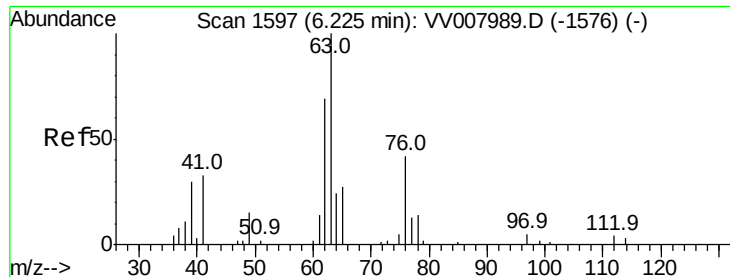
55 0.0 62.2 93.2#

98 1.0 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

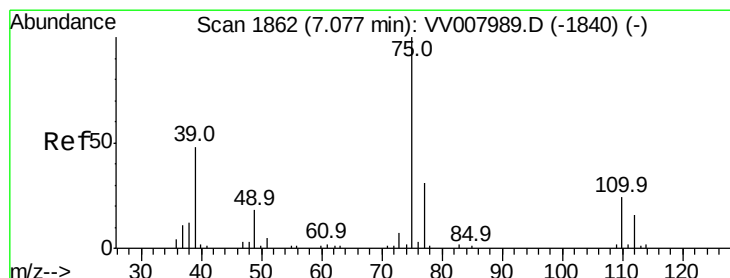
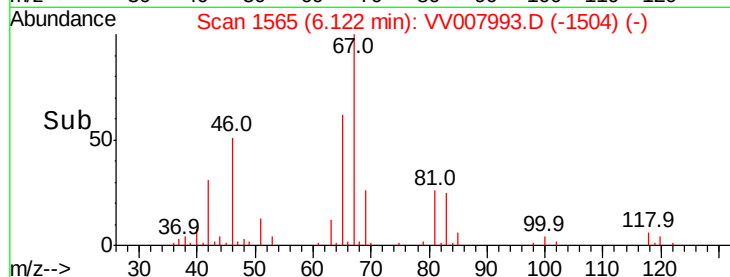
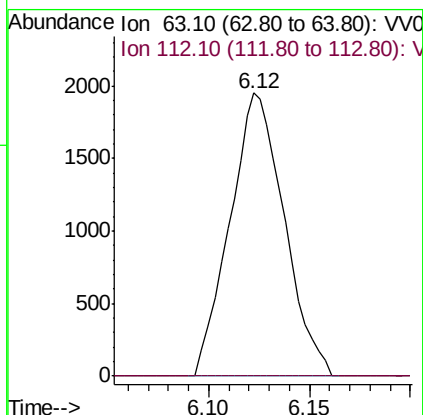
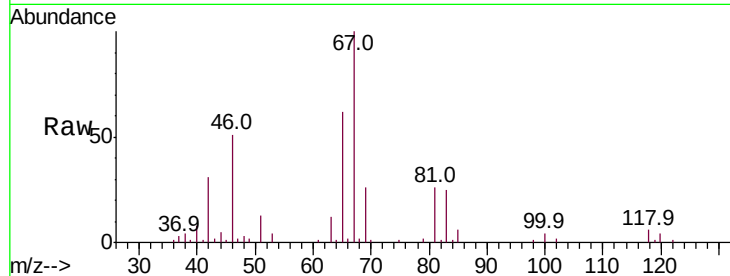




#37
 1,2-Dichloropropane
 Concen: 0.619 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV007993.D
 Acq: 01 Oct 2018 14:28

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 3664
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007993.D
 Acq: 01 Oct 2018 14:28

Tgt Ion: 75 Resp: 935
 Ion Ratio Lower Upper
 75 100
 77 47.4 22.9 42.5#

