

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV007995.D
 Acq On : 01 Oct 2018 15:22
 Operator : SY/MD
 Sample : J5063-23
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 02 02:57:06 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	85299	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80500	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39797	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24856	5.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.60%
7) Chloroethane-d5	1.59	69	21060	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.14	63	39073	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.96	46	66648	48.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.92%
24) Chloroform-d	4.41	84	54087	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.09	65	29002	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.10	84	105536	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
36) 1,2-Dichloropropane-d6	6.13	67	32586	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.36	98	101243	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	7.67	79	11426	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.14	63	48055	46.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.82%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23609	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	41491	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

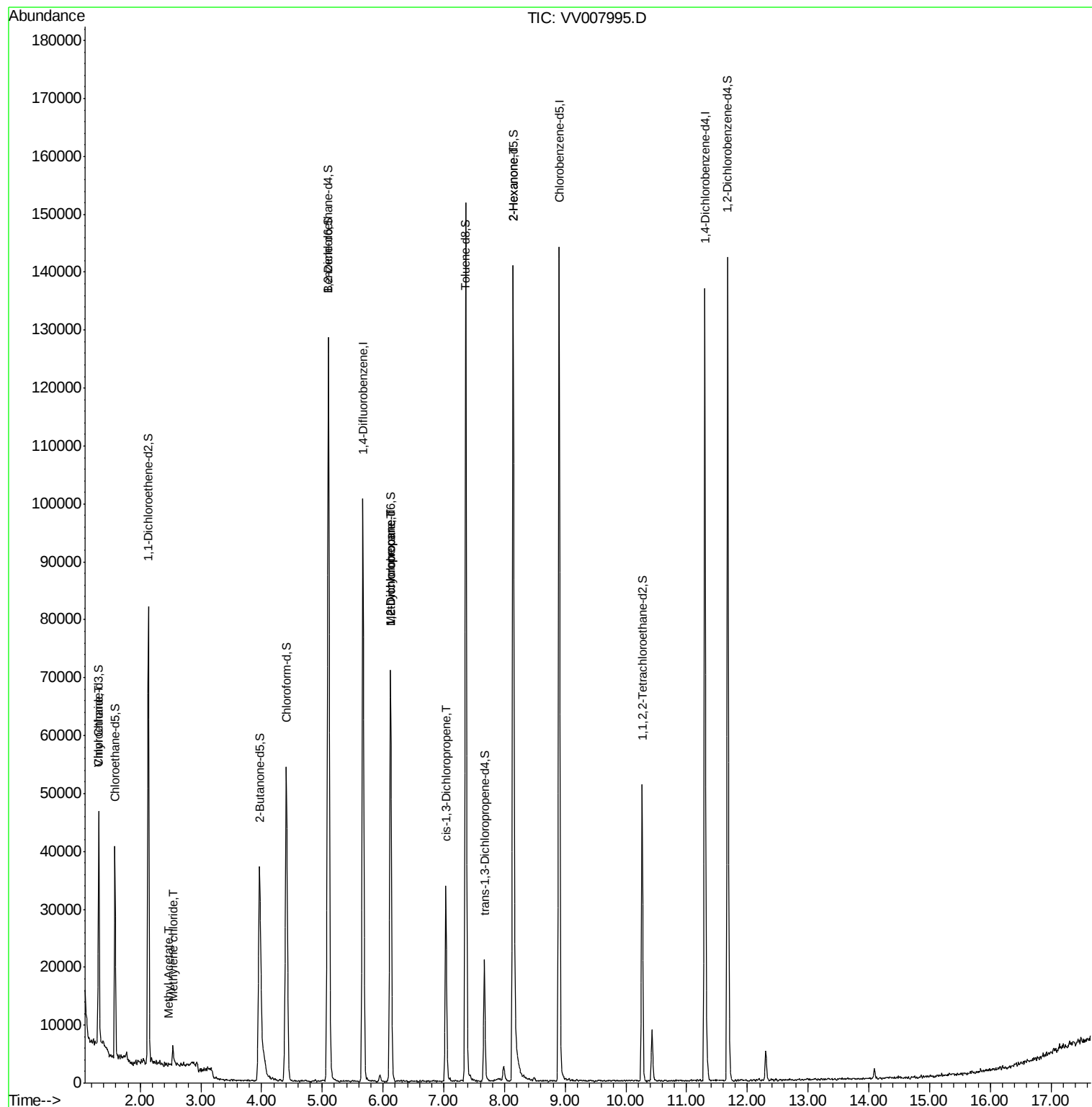
					Ovalue
8) Chloroethane	1.32	64	355	0.086 ug/L #	1
15) Methyl Acetate	2.47	43	386	0.151 ug/L #	51
16) Methylene chloride	2.54	84	1225	0.196 ug/L	84
35) Methylcyclohexane	6.13	83	8086	0.817 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3735	0.634 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	827	0.105 ug/L #	52
48) 2-Hexanone	8.14	43	6413	2.495 ug/L #	76

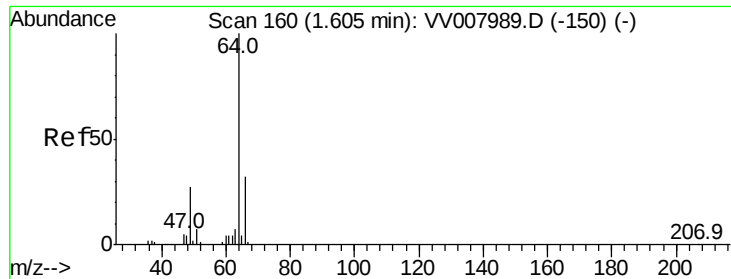
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.086 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.29 min

Lab File: VV007995.D

Acq: 01 Oct 2018 15:22

Instrument :

MSVOA_V

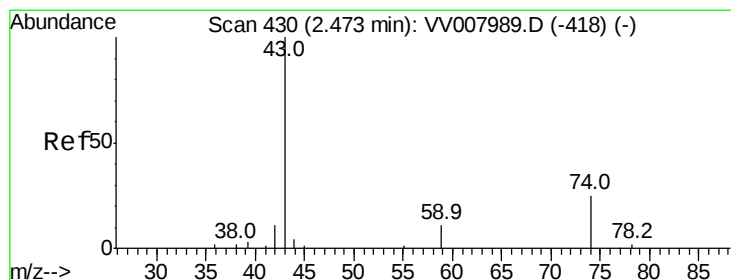
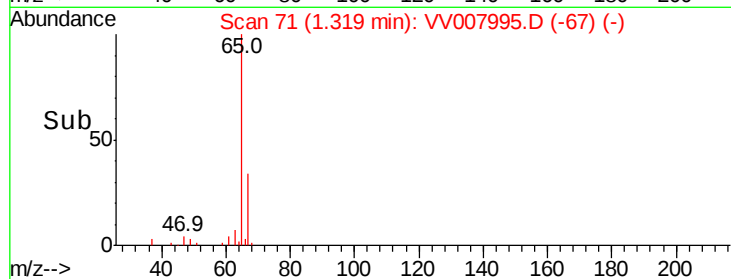
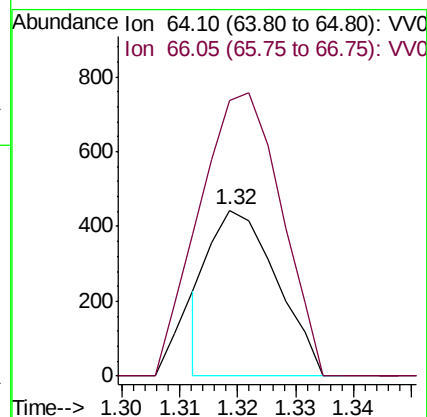
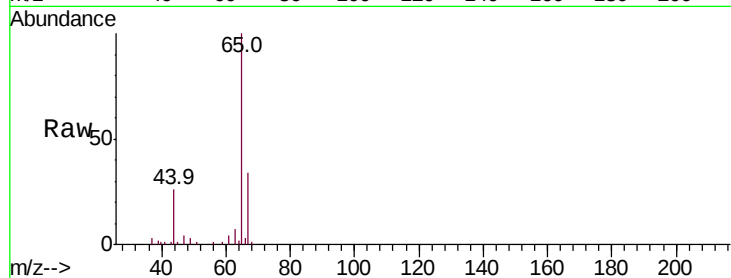
ClientSampleId :

Tot Ion: 64 Resp: 355

Ion Ratio Lower Upper

64 100

66 166.1 23.1 42.9#



#15

Methyl Acetate

Concen: 0.151 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VV007995.D

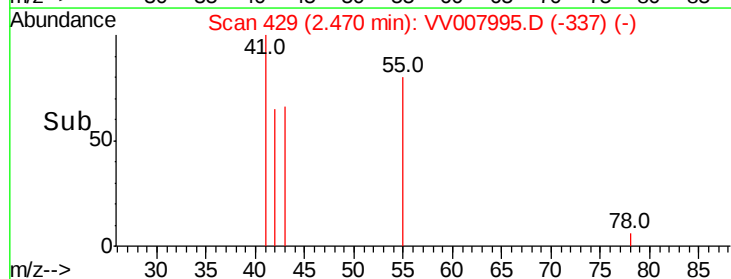
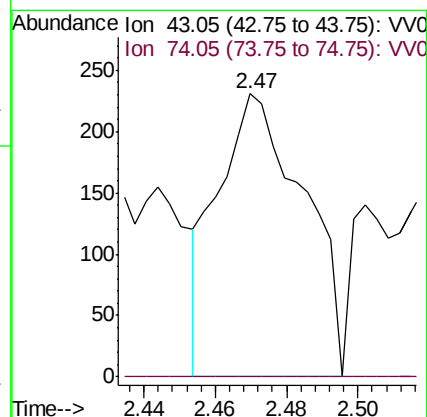
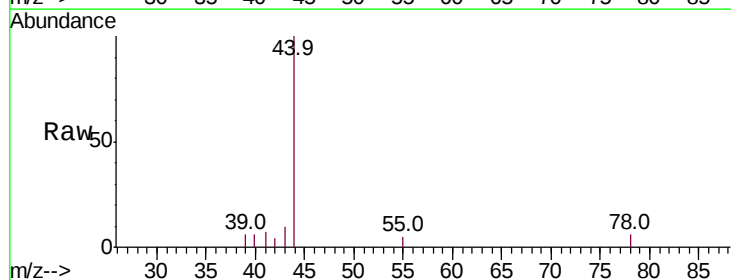
Acq: 01 Oct 2018 15:22

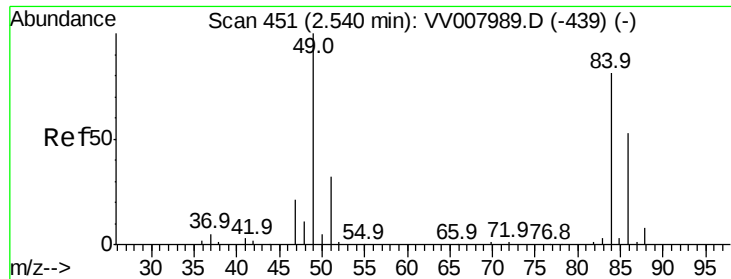
Tgt Ion: 43 Resp: 386

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#

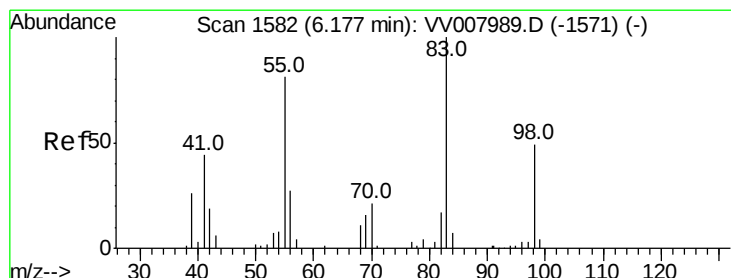
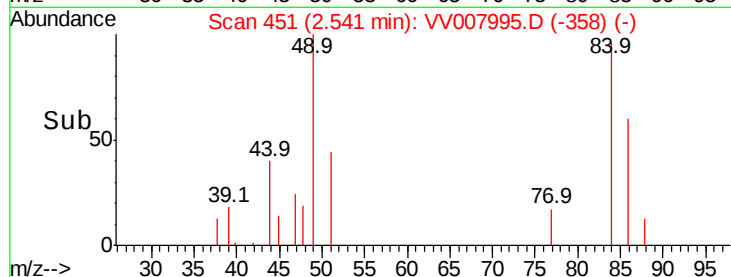
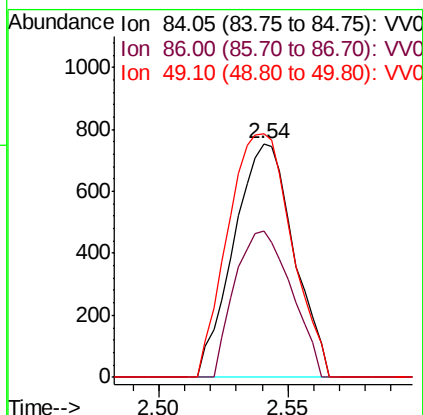
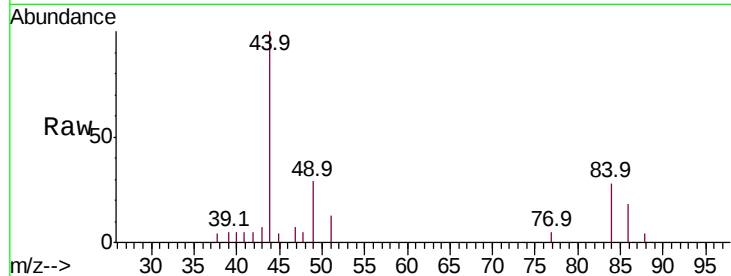




#16
Methvlene chloride
Concen: 0.196 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007995.D
Acq: 01 Oct 2018 15:22

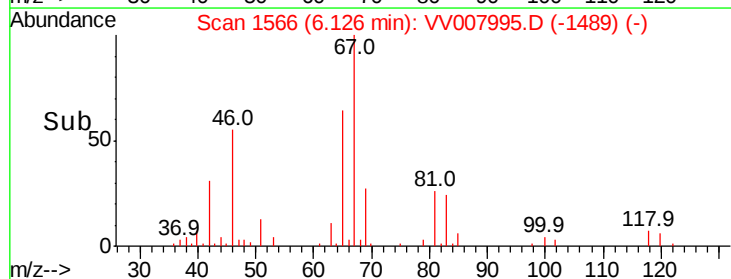
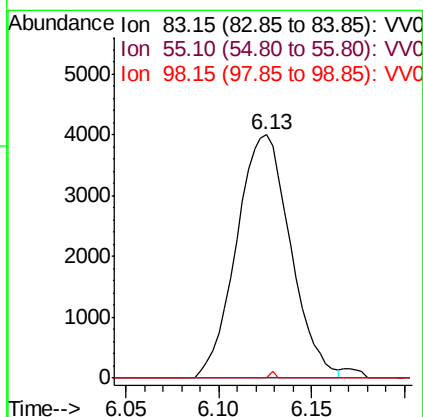
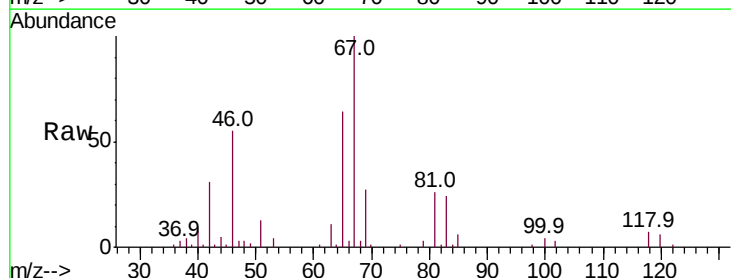
Instrument :
MSVOA_V
ClientSampleId :

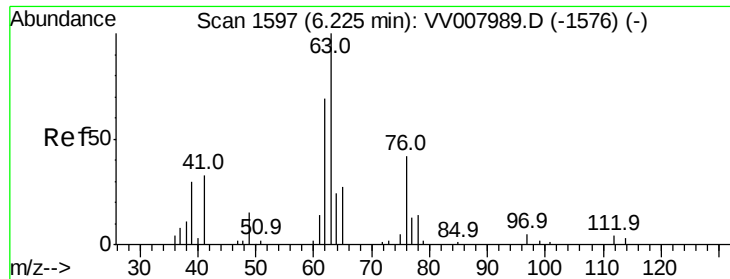
Tot Ion: 84 Resp: 1225
Ion Ratio Lower Upper
84 100
86 62.9 47.3 87.8
49 104.4 90.0 167.2



#35
Methylcyclohexane
Concen: 0.817 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007995.D
Acq: 01 Oct 2018 15:22

Tgt Ion: 83 Resp: 8086
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: 0.634 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007995.D

Acq: 01 Oct 2018 15:22

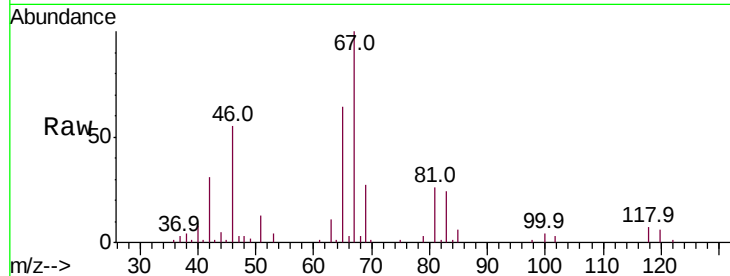
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 3735

Ion Ratio Lower Upper

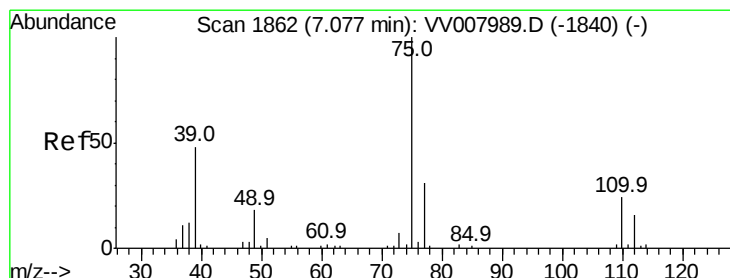
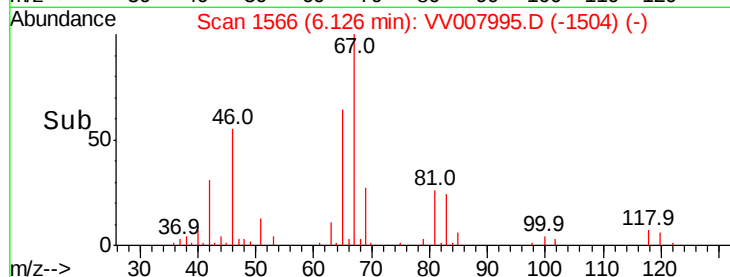
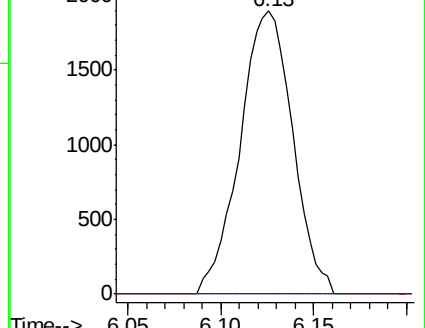
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV007989.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV007989.D (-1576) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV007995.D

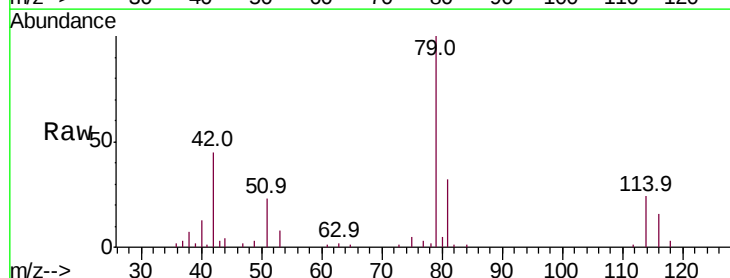
Acq: 01 Oct 2018 15:22

Tgt Ion: 75 Resp: 827

Ion Ratio Lower Upper

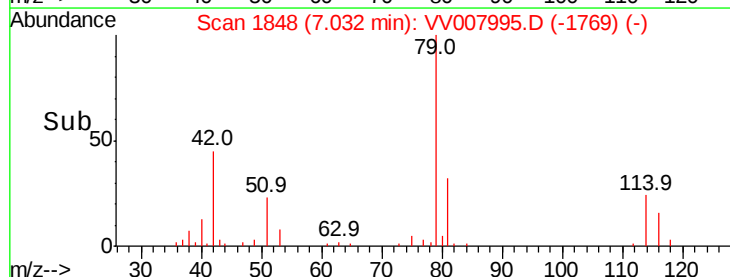
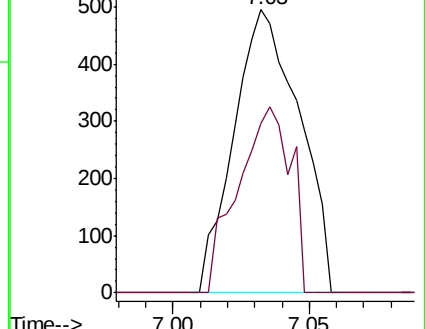
75 100

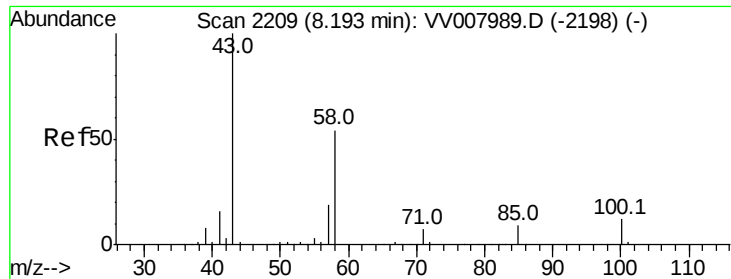
77 59.8 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV007989.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV007989.D (-1840) (-)





#48

2-Hexanone

Concen: 2.495 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV007995.D

Acq: 01 Oct 2018 15:22

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6413

Ion Ratio Lower Upper

43 100

58 37.9 41.9 62.9#

57 32.2 14.3 21.5#

100 0.7 9.2 13.8#

