

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111918\
 Data File : VV008662.D
 Acq On : 19 Nov 2018 20:19
 Operator : SY/MD
 Sample : J5995-18
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FP7

Quant Time: Nov 20 08:32:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 20 06:56:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	150700	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	137986	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60845	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27809	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.59	69	25516	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.14	63	43420	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.97	46	119849	50.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.08%
24) Chloroform-d	4.41	84	80530	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.09	65	44635	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.10	84	159718	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.12	67	52163	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.36	98	142966	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.67	79	16111	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
46) 2-Hexanone-d5	8.14	63	87923	43.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35164	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	50469	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

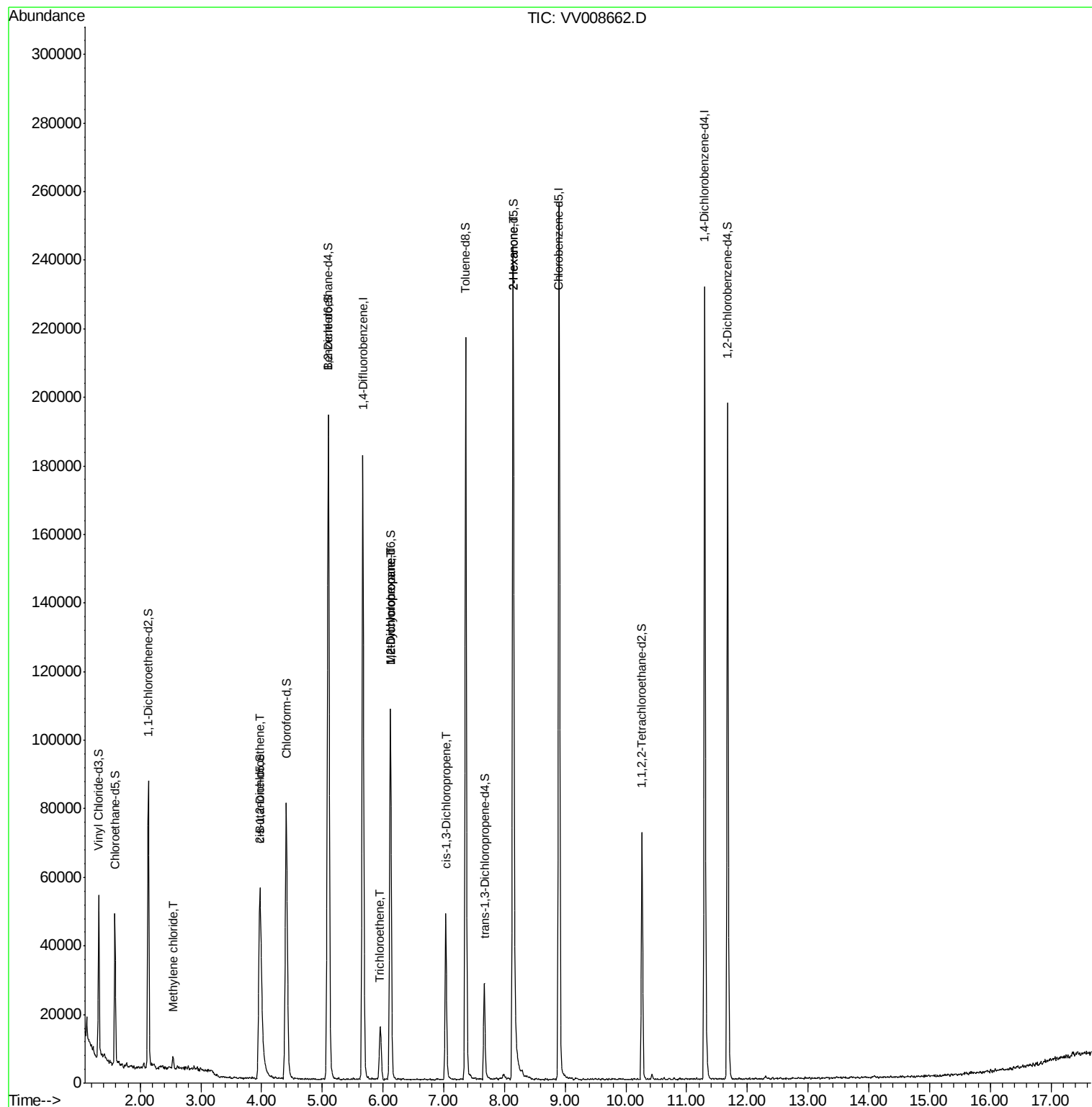
					Qvalue
16) Methylene chloride	2.54	84	1483	0.174 ug/L	90
22) cis-1,2-Dichloroethene	3.96	96	1370	0.120 ug/L	74
34) Trichloroethene	5.96	95	2869	0.248 ug/L	93
35) Methylcyclohexane	6.12	83	12720	0.650 ug/L #	28
37) 1,2-Dichloropropane	6.12	63	5747	0.500 ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	1417	0.092 ug/L	92
48) 2-Hexanone	8.14	43	10357	2.280 ug/L #	72

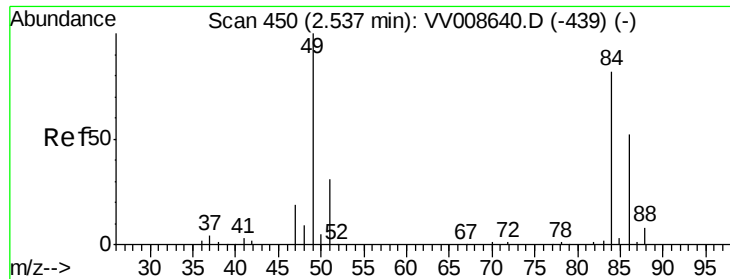
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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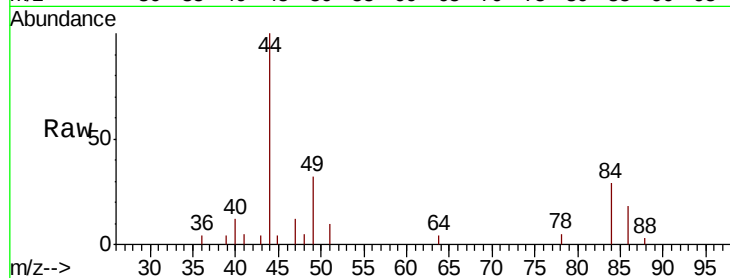




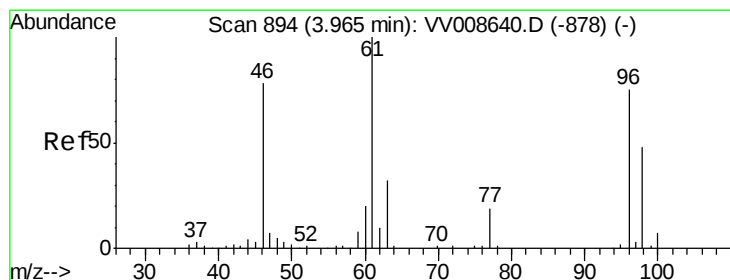
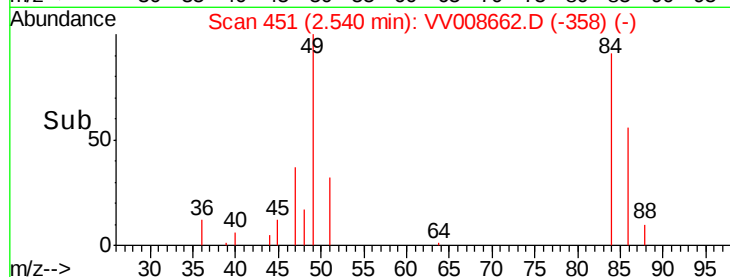
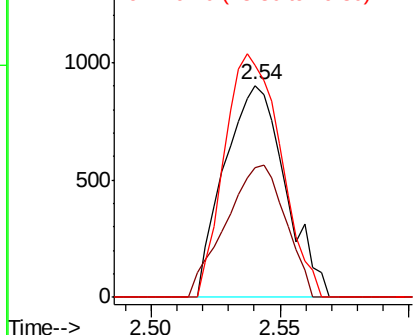
#16
Methylene chloride
Concen: 0.174 ug/L
RT: 2.54 min Scan# 451
Delta R.T. -0.00 min
Lab File: VV008662.D
Acq: 19 Nov 2018 20:19

Instrument :
MSVOA_V
ClientSampled :
H0FP7

Tgt Ion: 84 Resp: 1483
Ion Ratio Lower Upper
84 100
86 61.5 44.8 83.2
49 109.7 88.1 163.7

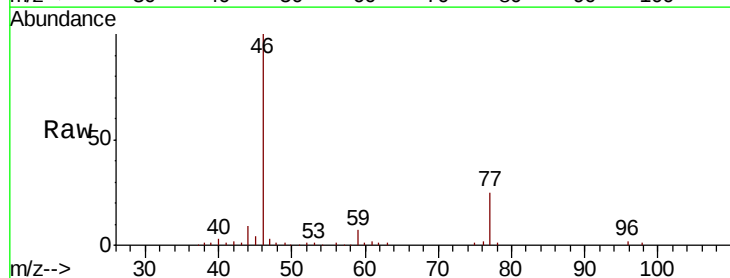


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

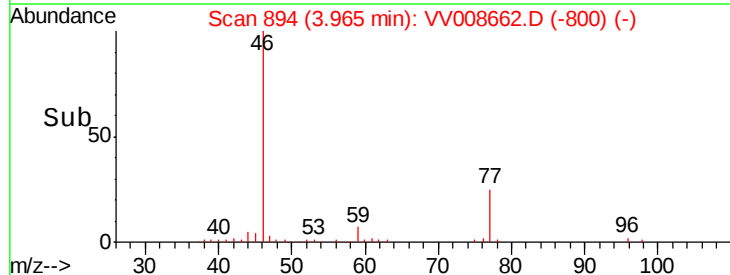
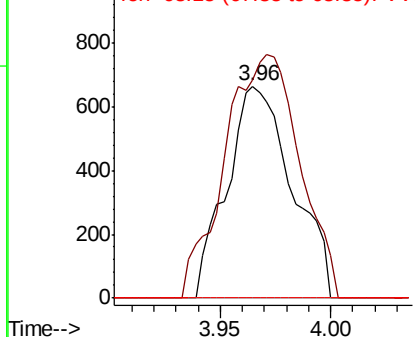


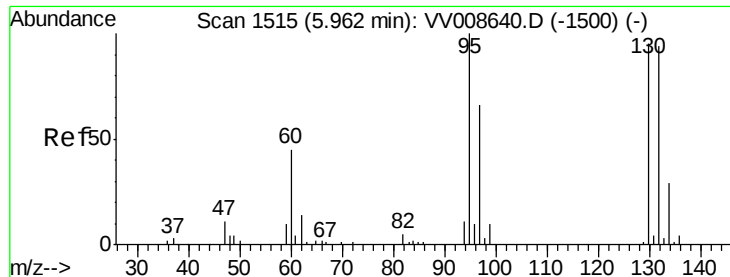
#22
cis-1,2-Dichloroethene
Concen: 0.120 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV008662.D
Acq: 19 Nov 2018 20:19

Tgt Ion: 96 Resp: 1370
Ion Ratio Lower Upper
96 100
61 102.9 93.2 173.2
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 0.248 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008662.D

Acq: 19 Nov 2018 20:19

Instrument :

MSVOA_V

ClientSampleId :

H0FP7

Tgt Ion: 95 Resp: 2869

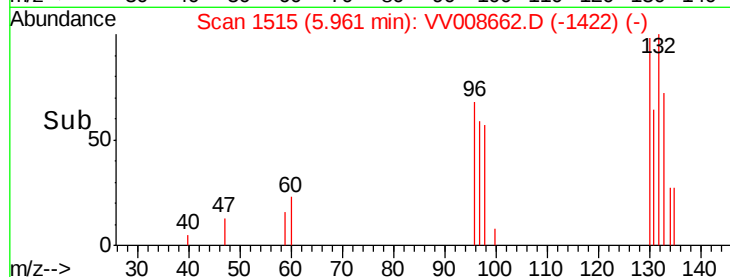
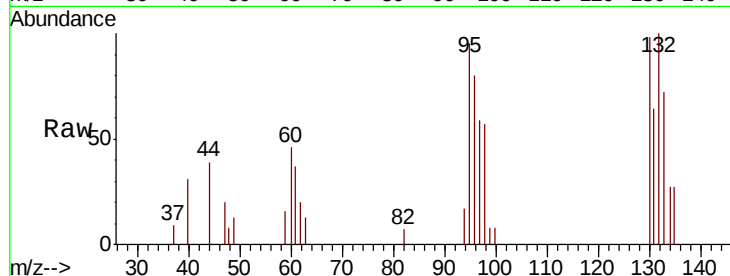
Ion Ratio Lower Upper

95 100

97 62.3 45.1 83.7

132 105.5 66.3 123.1

130 103.0 68.0 126.4

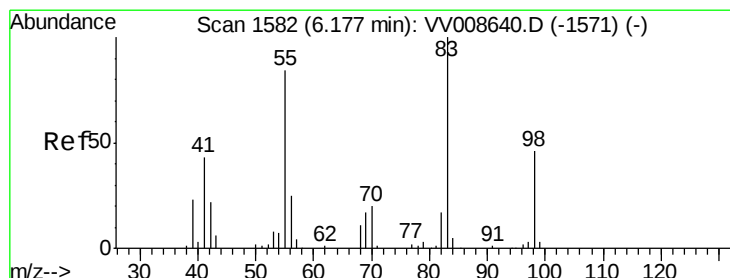
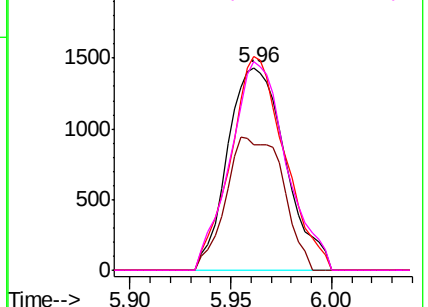


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.650 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008662.D

Acq: 19 Nov 2018 20:19

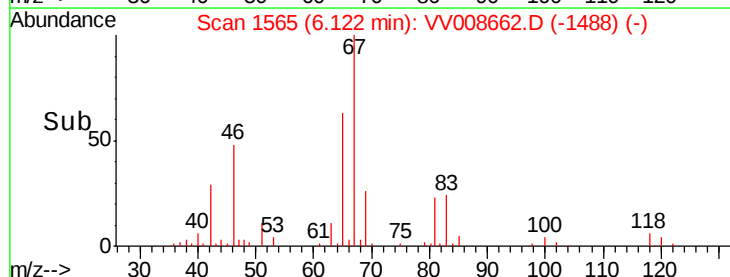
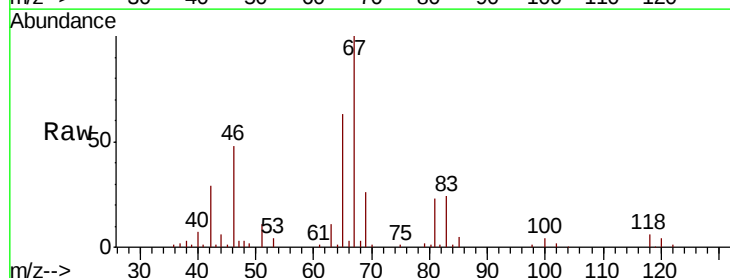
Tgt Ion: 83 Resp: 12720

Ion Ratio Lower Upper

83 100

55 0.0 65.6 98.4#

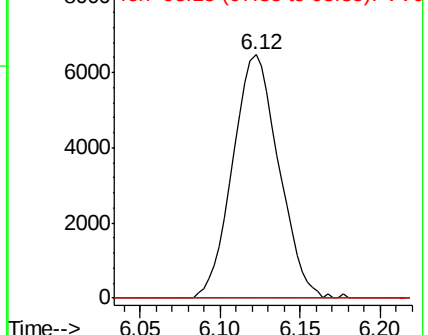
98 21.3 36.4 54.6#

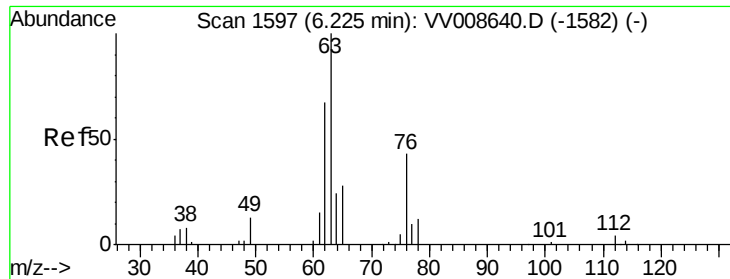


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.500 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008662.D

Acq: 19 Nov 2018 20:19

Instrument :

MSVOA_V

ClientSampleId :

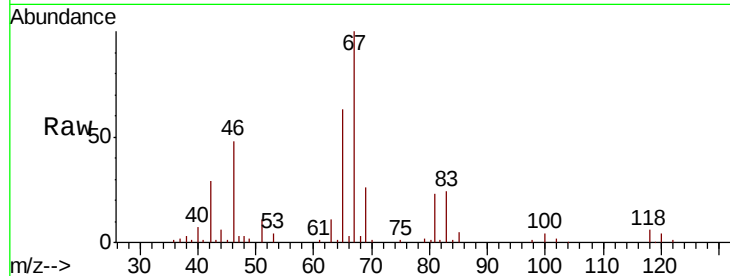
H0FP7

Tgt Ion: 63 Resp: 5747

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008640.D (-1582) (-)

Ion 112.10 (111.80 to 112.80): VV008640.D (-1582) (-)

6.12

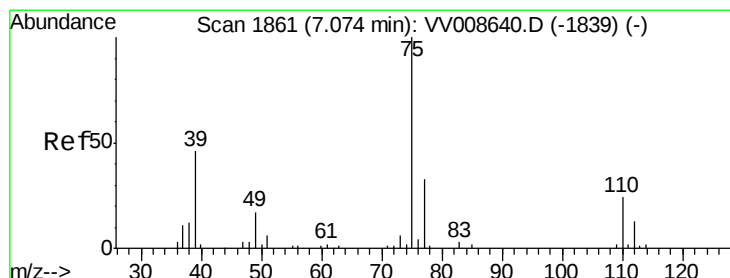
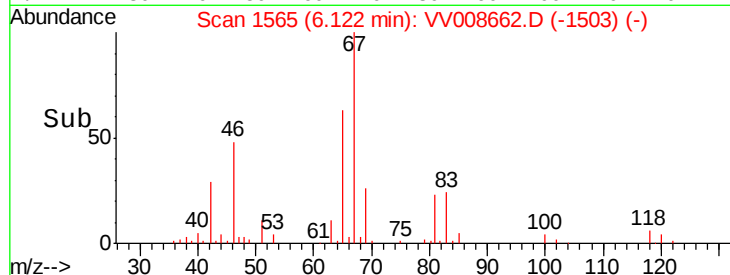
3000

2000

1000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV008662.D

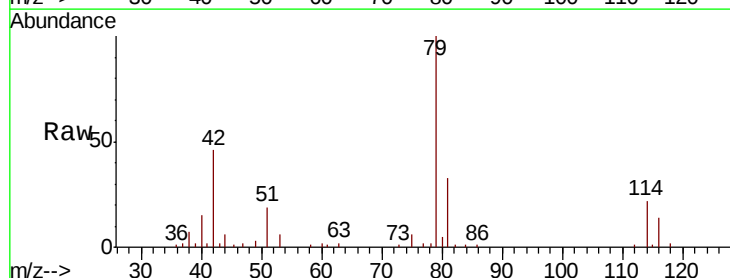
Acq: 19 Nov 2018 20:19

Tgt Ion: 75 Resp: 1417

Ion Ratio Lower Upper

75 100

77 28.4 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VV008640.D (-1839) (-)

Ion 77.05 (76.75 to 77.75): VV008640.D (-1839) (-)

7.04

1000

800

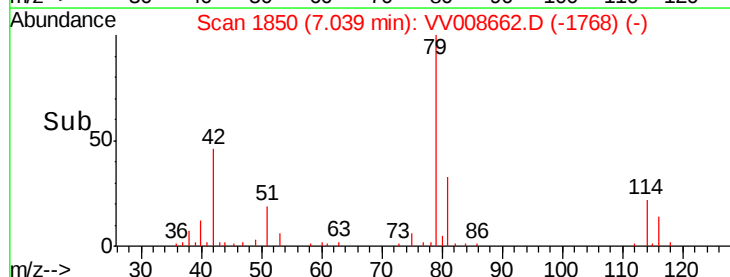
600

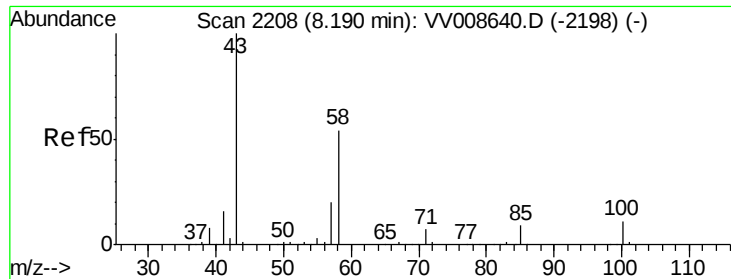
400

200

0

Time-->





#48

2-Hexanone

Concen: 2.280 ug/L

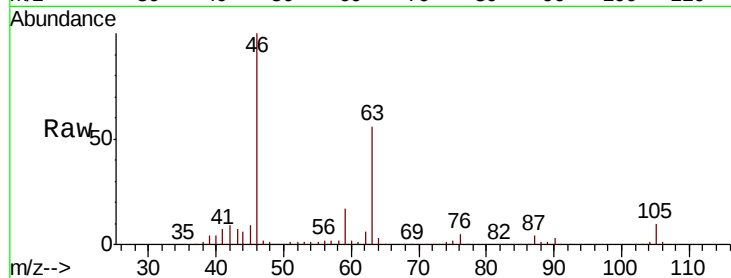
RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV008662.D

Acq: 19 Nov 2018 20:19

Instrument :
MSVOA_V
ClientSampleId :
H0FP7



Tgt Ion:	43	Resp:	10357
Ion	Ratio	Lower	Upper
43	100		
58	32.4	41.8	62.8#
57	31.5	15.4	23.0#
100	0.2	8.7	13.1#

