

Data File : VV007622.D
Acq On : 19 Sep 2018 00:37
Operator : SY/MD
Sample : J4874-09
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A3Z70

Quant Time: Sep 19 01:49:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:47:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	109748	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	98094	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52489	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26107	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.59	69	24150	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.13	63	46729	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.97	46	44450	61.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.24%
24) Chloroform-d	4.41	84	54626	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.09	65	28470	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.10	84	110648	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.12	67	31950	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.36	98	113325	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	7.67	79	12455	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.15	63	22087	47.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	17206	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	48017	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

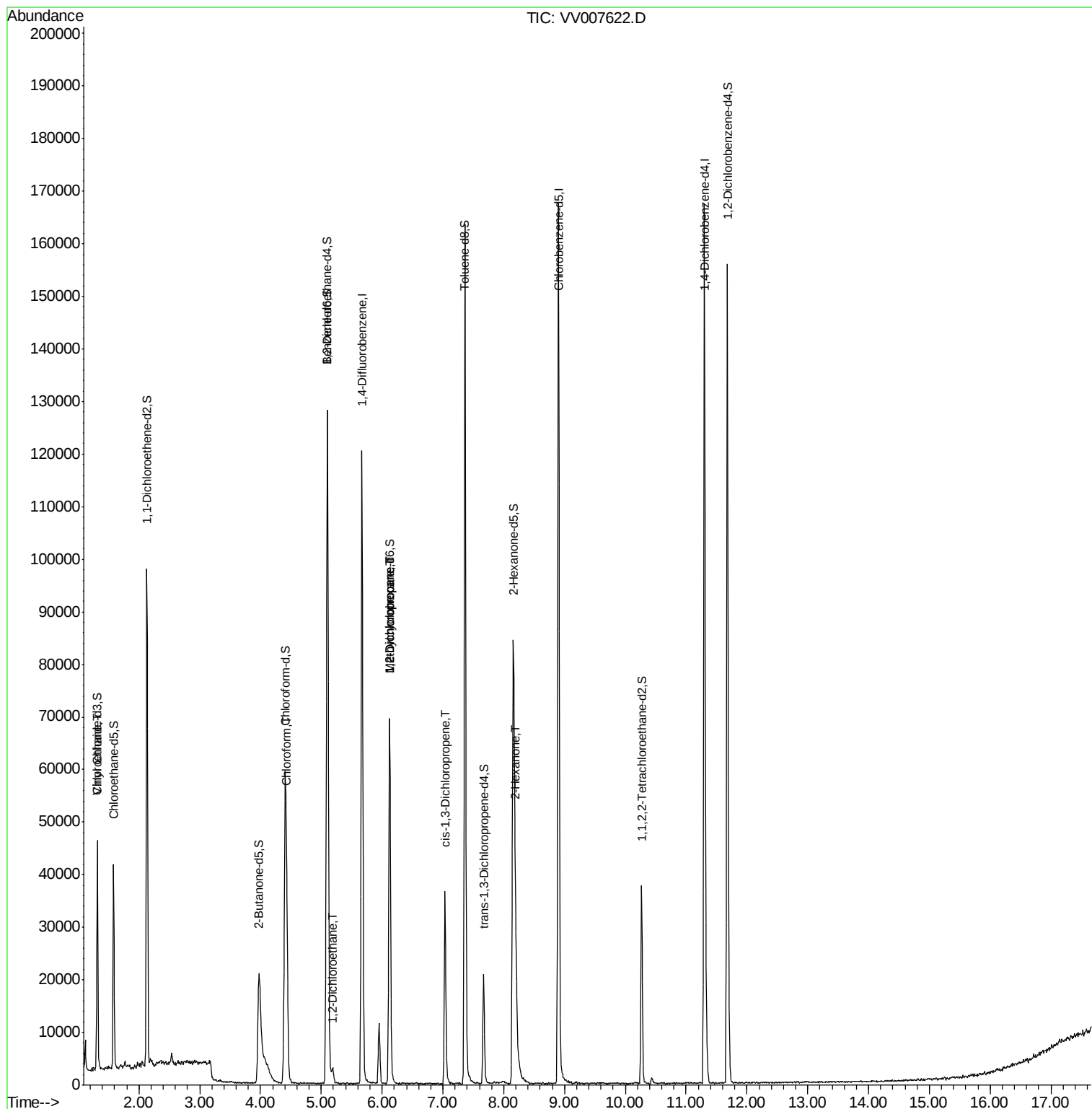
					Qvalue	
8) Chloroethane	1.32	64	411	0.089	ug/L #	1
25) Chloroform	4.43	83	22795	1.806	ug/L	96
27) 1,2-Dichloroethane	5.19	62	2201	0.305	ug/L #	92
35) Methylcyclohexane	6.13	83	8294	0.684	ug/L #	27
37) 1,2-Dichloropropane	6.13	63	3920	0.686	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1059	0.112	ug/L	84
48) 2-Hexanone	8.20	43	18249	7.072	ug/L #	71

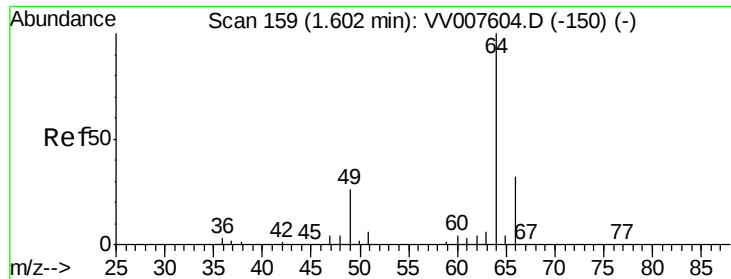
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.089 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV007622.D

Acq: 19 Sep 2018 00:37

Instrument :

MSVOA_V

ClientSampleId :

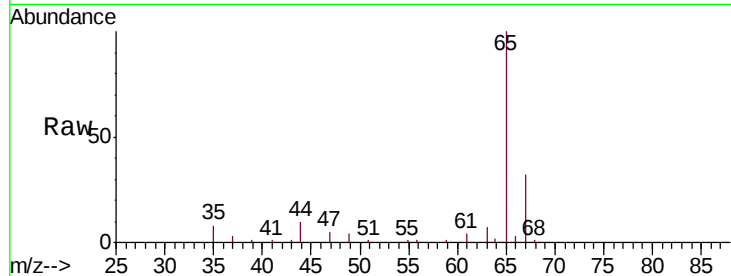
A3Z70

Tgt Ion: 64 Resp: 411

Ion Ratio Lower Upper

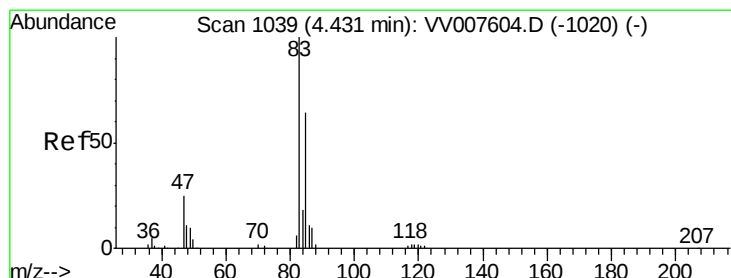
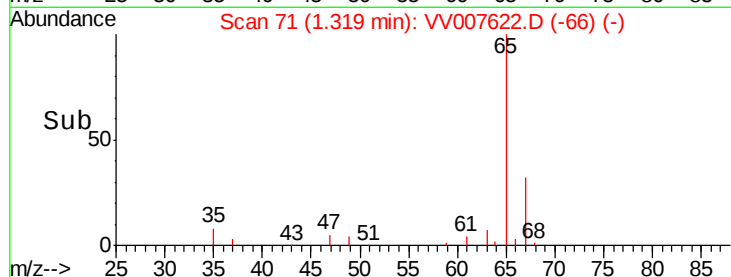
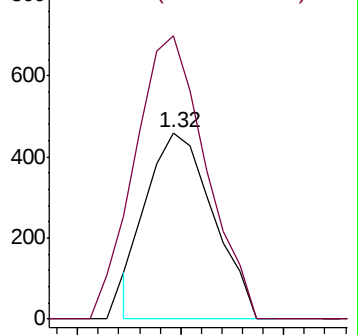
64 100

66 151.7 22.9 42.5#



Abundance Ion 64.10 (63.80 to 64.80): VV007604.D (-150) (-)

Ion 66.05 (65.75 to 66.75): VV007622.D (-66) (-)



#25

Chloroform

Concen: 1.806 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VV007622.D

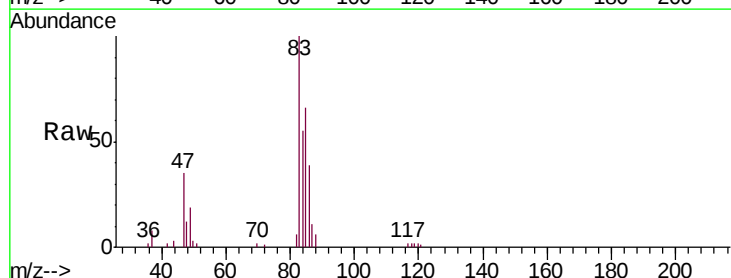
Acq: 19 Sep 2018 00:37

Tgt Ion: 83 Resp: 22795

Ion Ratio Lower Upper

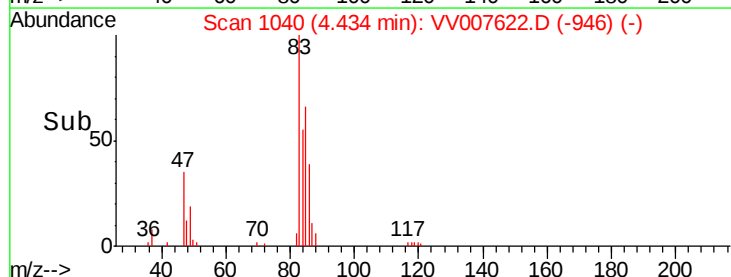
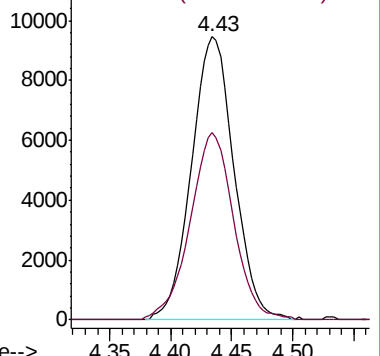
83 100

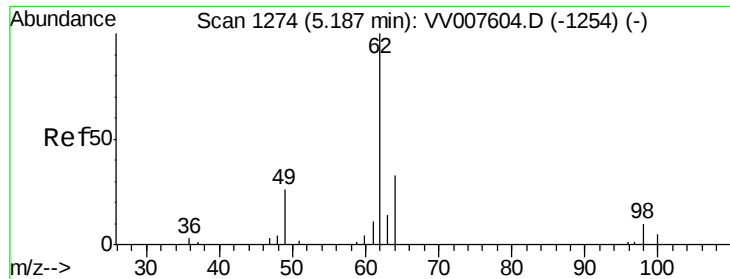
85 66.4 44.5 82.7



Abundance Ion 83.05 (82.75 to 83.75): VV007604.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VV007622.D (-946) (-)

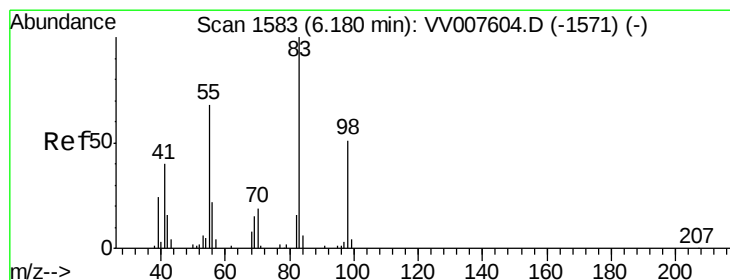
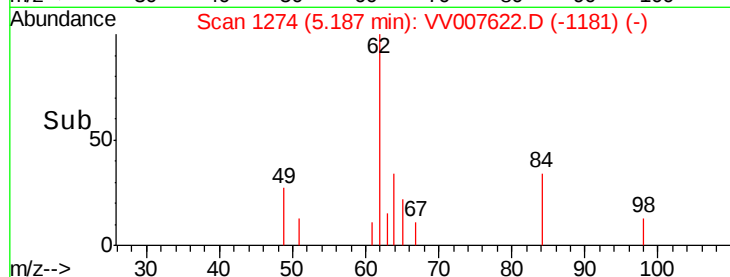
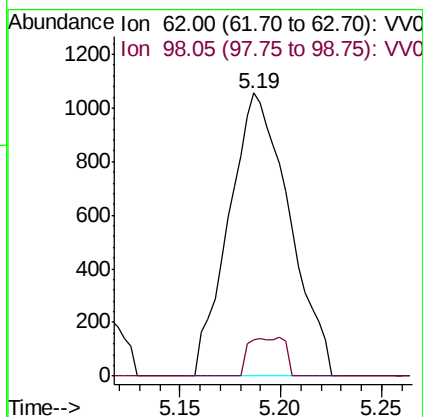
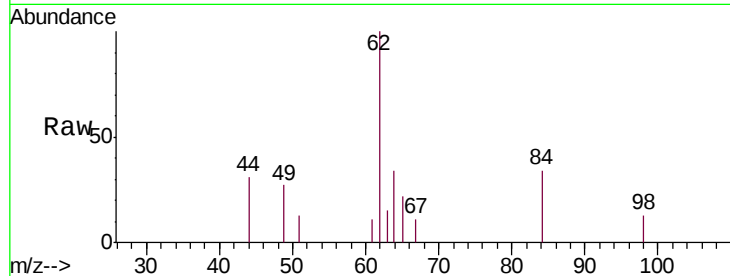




#27
 1,2-Dichloroethane
 Concen: 0.305 ug/L
 RT: 5.19 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: VV007622.D
 Acq: 19 Sep 2018 00:37

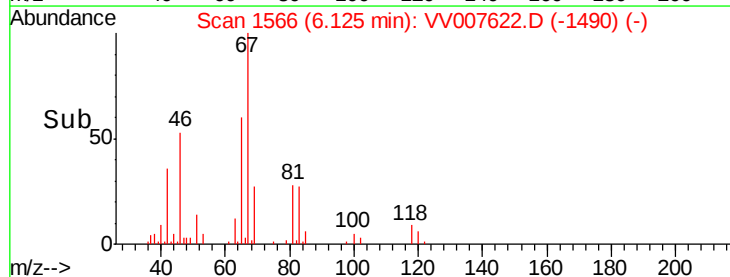
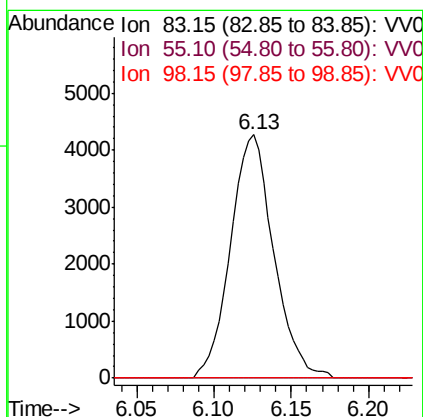
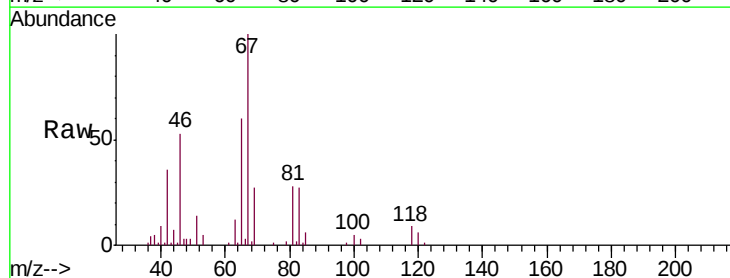
Instrument :
 MSVOA_V
 ClientSampleId :
 A3Z70

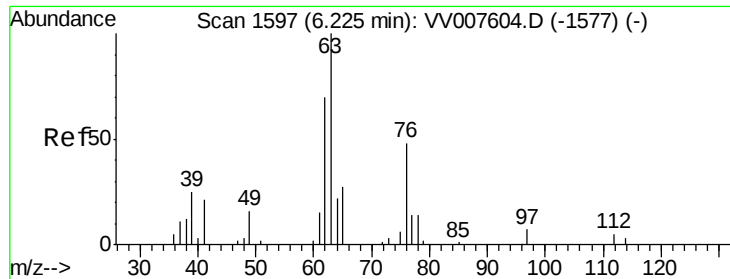
Tgt Ion: 62 Resp: 2201
 Ion Ratio Lower Upper
 62 100
 98 12.6 7.6 11.4#



#35
 Methylcyclohexane
 Concen: 0.684 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.05 min
 Lab File: VV007622.D
 Acq: 19 Sep 2018 00:37

Tgt Ion: 83 Resp: 8294
 Ion Ratio Lower Upper
 83 100
 55 0.0 54.6 82.0#
 98 10.6 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.686 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007622.D

Acq: 19 Sep 2018 00:37

Instrument :

MSVOA_V

ClientSampled :

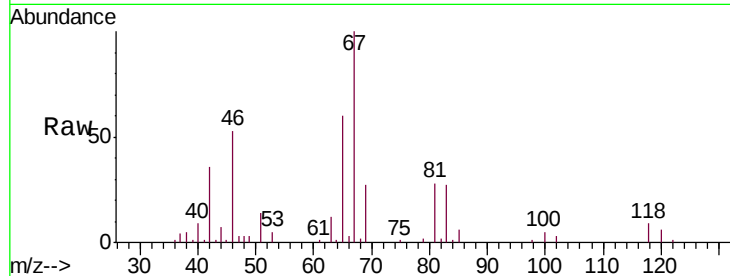
A3Z70

Tgt Ion: 63 Resp: 3920

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV007604.D (-1577) (-)

Ion 112.10 (111.80 to 112.80): VV007604.D (-1577) (-)

6.13

2000

1500

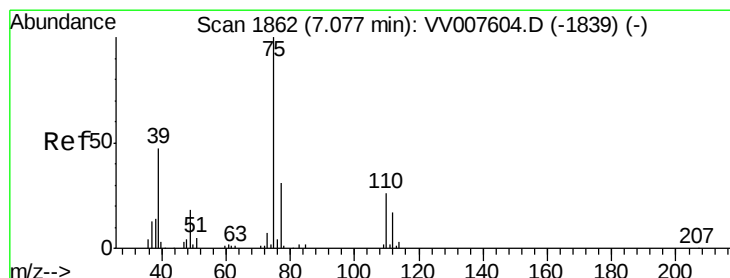
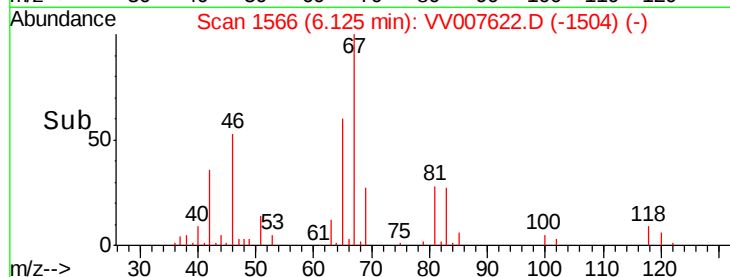
1000

500

0

6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007622.D

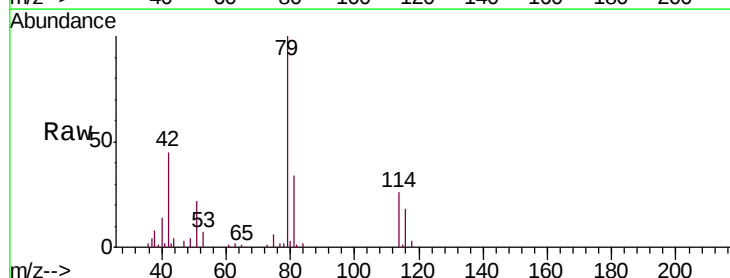
Acq: 19 Sep 2018 00:37

Tgt Ion: 75 Resp: 1059

Ion Ratio Lower Upper

75 100

77 42.0 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VV007604.D (-1839) (-)

Ion 77.05 (76.75 to 77.75): VV007604.D (-1839) (-)

7.04

600

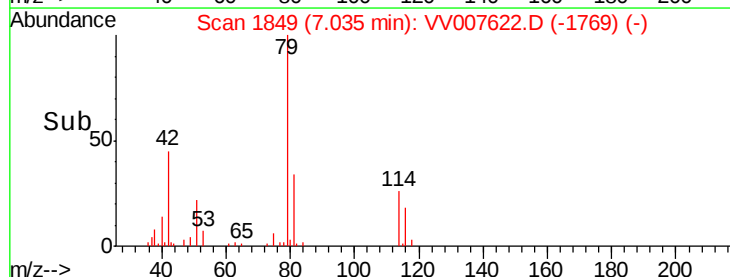
400

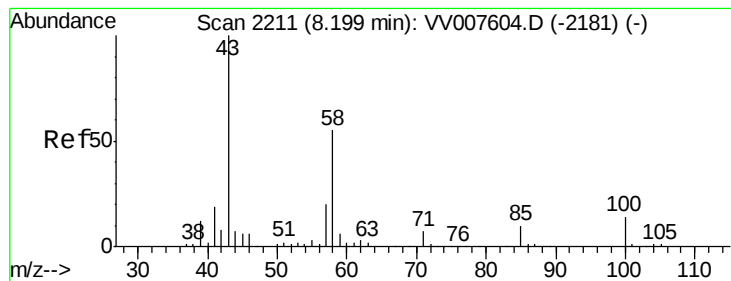
200

0

7.00 7.05

Time-->





#48

2-Hexanone

Concen: 7.072 ug/L

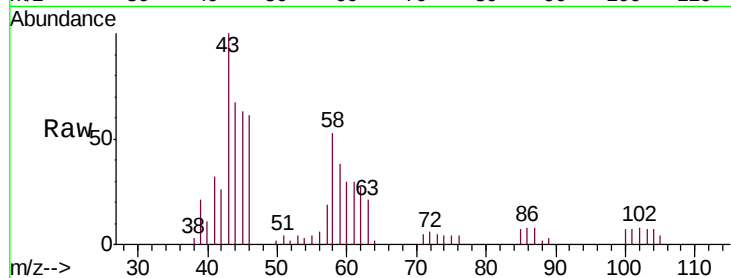
RT: 8.20 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VV007622.D

Acq: 19 Sep 2018 00:37

Instrument :
MSVOA_V
ClientSampleId :
A3Z70



Tgt Ion:	43	Resp:	18249
Ion	Ratio	Lower	Upper
43	100		
58	29.4	45.5	68.3#
57	15.2	16.3	24.5#
100	4.4	10.7	16.1#

