

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015999.D
 Acq On : 11 May 2020 19:17
 Operator : SY/MD
 Sample : L2541-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 12 01:14:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 12 01:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	136369	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	137554	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	62139	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32240	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	32694	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.12	63	53726	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.93	46	112365	53.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.50%
24) Chloroform-d	4.38	84	78414	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.06	65	49192	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.08	84	160563	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.10	67	51928	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.34	98	143522	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
45) trans-1,3-Dichloropropene-	7.65	79	13124	3.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.00%
48) 2-Hexanone-d5	8.12	63	74863	43.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.92%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35784	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	54207	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

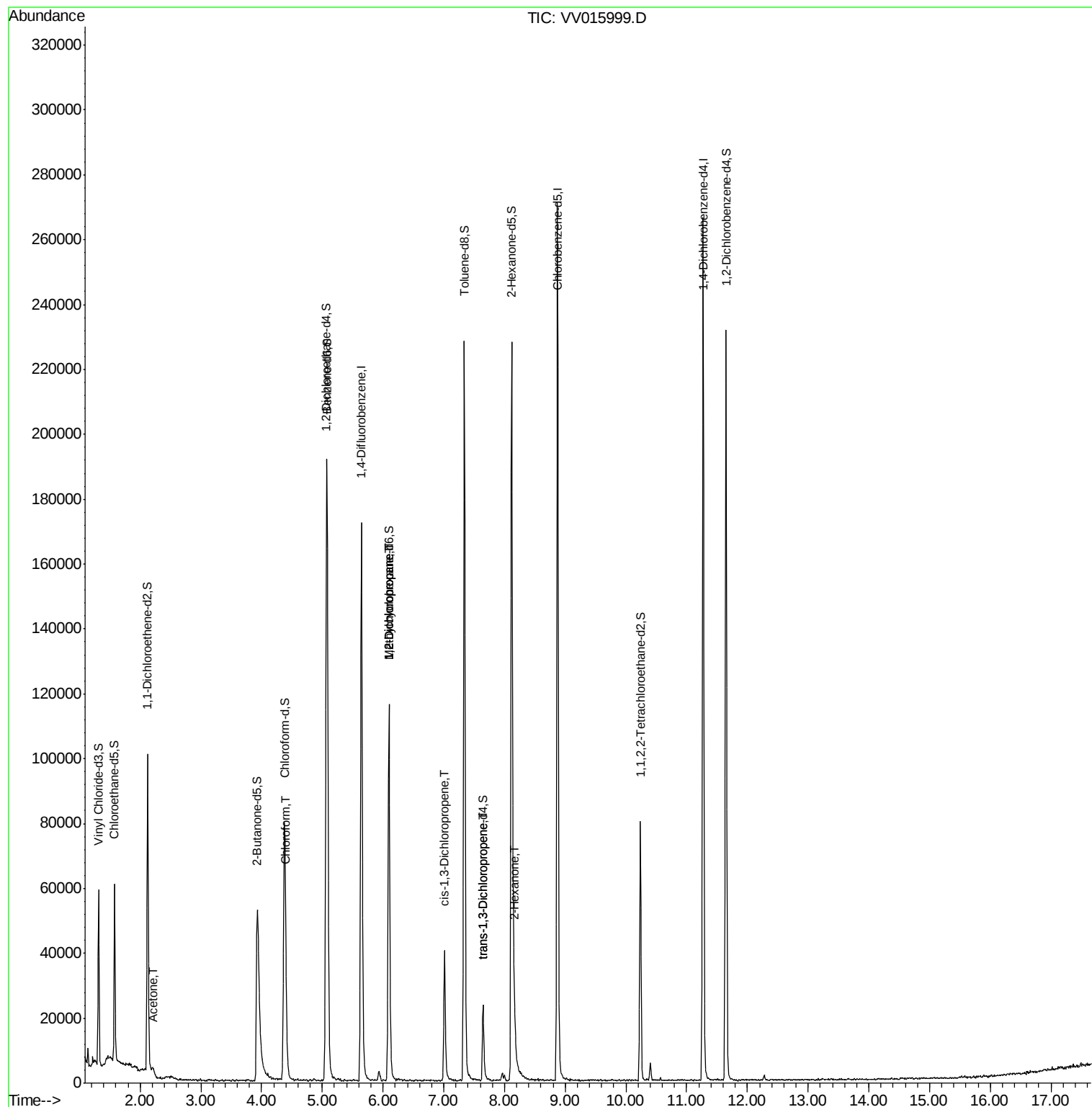
					Ovalue
13) Acetone	2.20	43	4673	3.357 ug/L	96
25) Chloroform	4.41	83	9260	0.526 ug/L	98
35) Methylcyclohexane	6.10	83	13367	0.895 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	6615	0.752 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1158	0.093 ug/L #	74
46) trans-1,3-Dichloropropene	7.65	75	671	0.064 ug/L	98
50) 2-Hexanone	8.16	43	6227	1.607 ug/L #	51

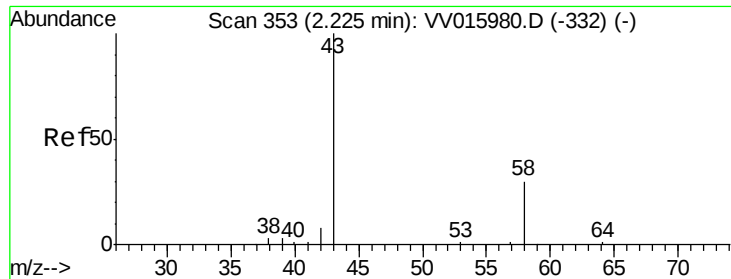
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 12 01:07:44 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.357 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV015999.D

Acq: 11 May 2020 19:17

Instrument :

MSVOA_V

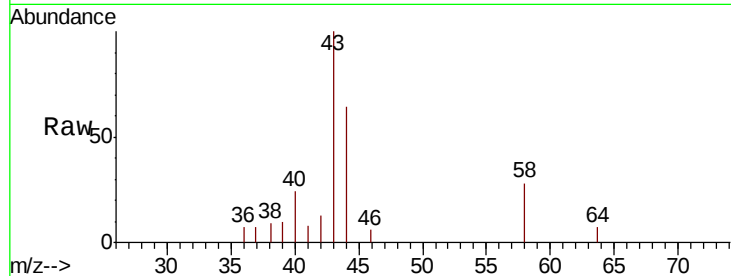
ClientSampled :

Tot Ion: 43 Resp: 4673

Ion Ratio Lower Upper

43 100

58 13.6 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV015980.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV015980.D (-332) (-)

2000

1500

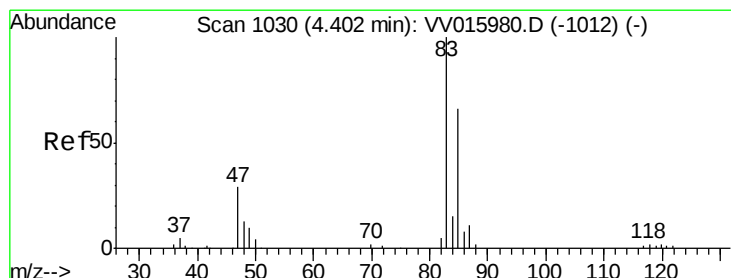
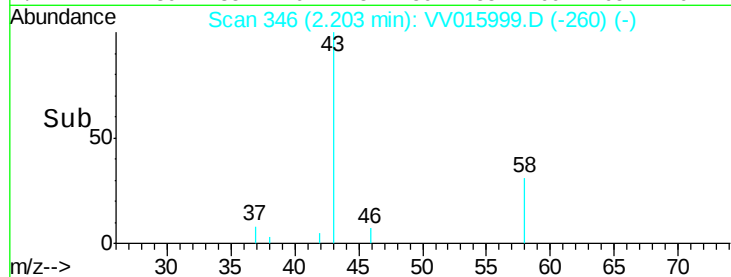
1000

500

0

2.15 2.20 2.25 2.30

Time-->



#25

Chloroform

Concen: 0.526 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015999.D

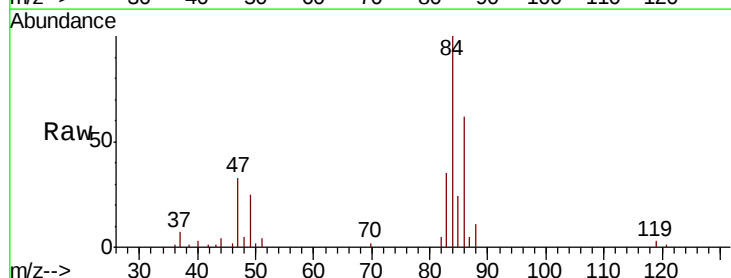
Acq: 11 May 2020 19:17

Tgt Ion: 83 Resp: 9260

Ion Ratio Lower Upper

83 100

85 66.6 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV015999.D (-937) (-)

Ion 85.00 (84.70 to 85.70): VV015999.D (-937) (-)

4000

3000

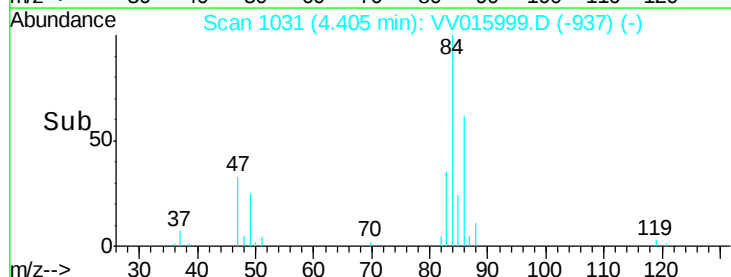
2000

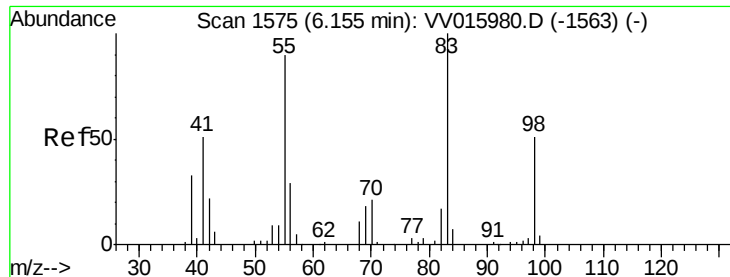
1000

0

4.30 4.35 4.40 4.45 4.50

Time-->





#35

Methvlcvclohexane

Concen: 0.895 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV015999.D

Acq: 11 May 2020 19:17

Instrument :
MSVOA_V
ClientSampleId :

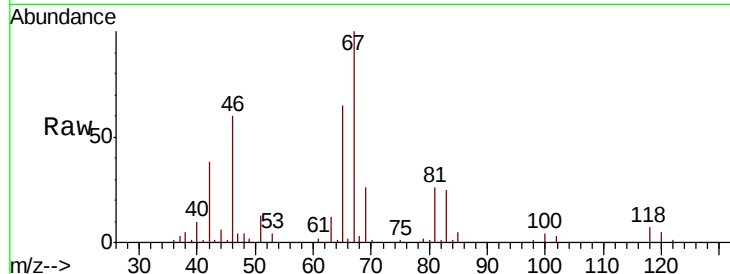
Tot Ion: 83 Resp: 13367

Ion Ratio Lower Upper

83 100

55 0.3 66.2 99.2#

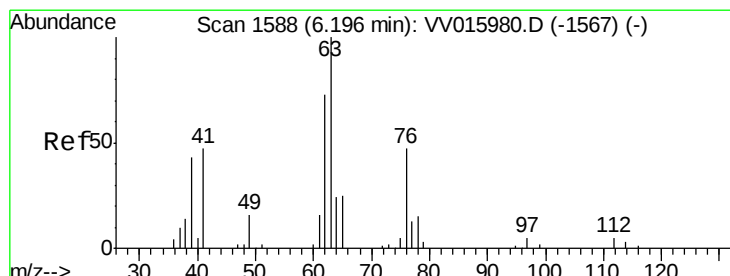
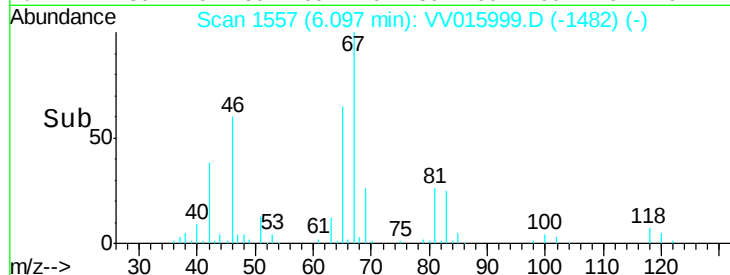
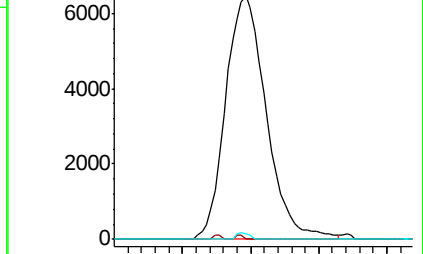
98 0.9 37.9 56.9#



Abundance Ion 83.15 (82.85 to 83.85): VV015999.D (-1482) (-)

Ion 55.10 (54.80 to 55.80): VV015999.D (-1482) (-)

Ion 98.15 (97.85 to 98.85): VV015999.D (-1482) (-)



#37

1,2-Dichloropropane

Concen: 0.752 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV015999.D

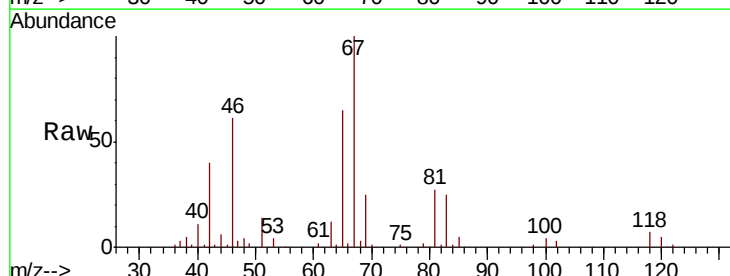
Acq: 11 May 2020 19:17

Tgt Ion: 63 Resp: 6615

Ion Ratio Lower Upper

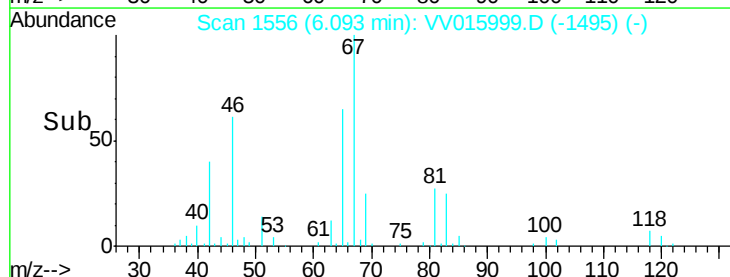
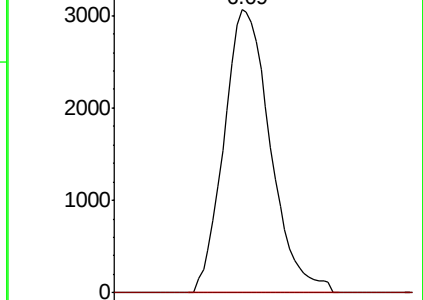
63 100

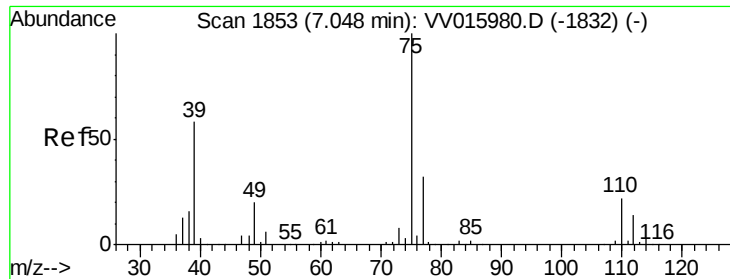
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV015999.D (-1495) (-)

Ion 112.10 (111.80 to 112.80): VV015999.D (-1495) (-)

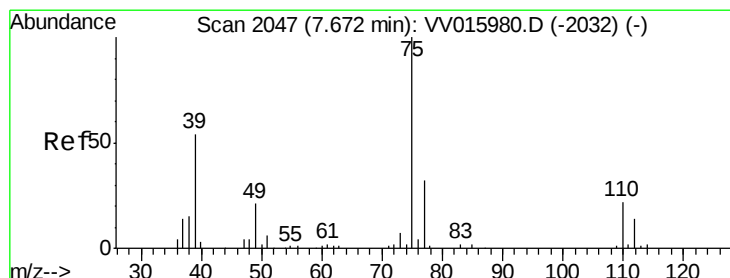
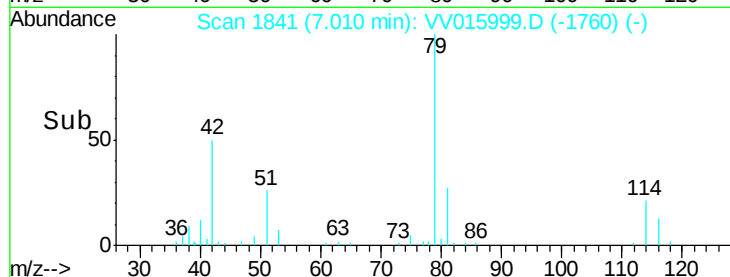
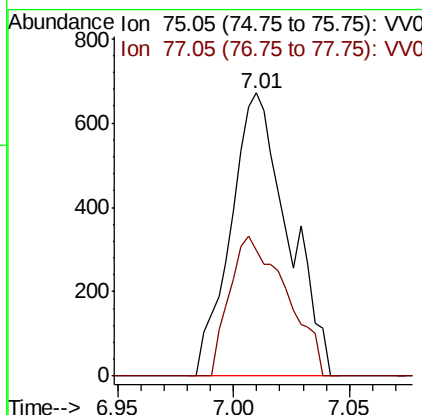
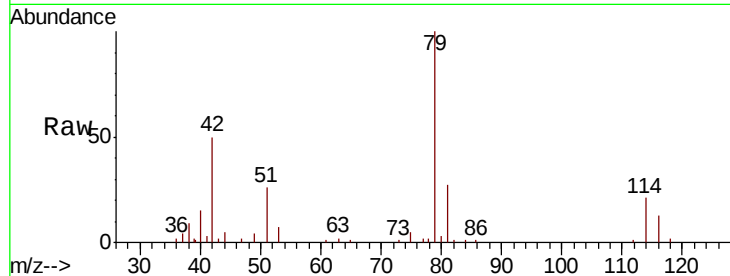




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015999.D
 Acq: 11 May 2020 19:17

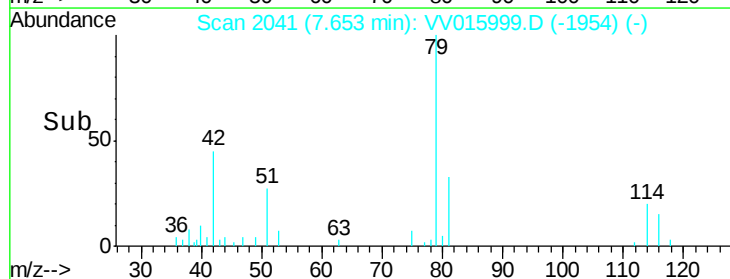
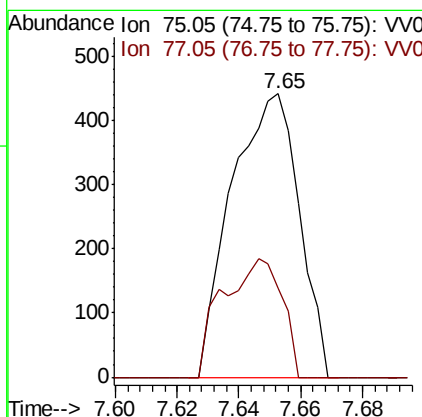
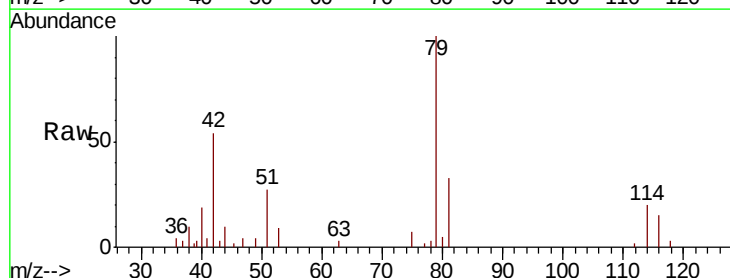
Instrument :
 MSVOA_V
 ClientSampleId :

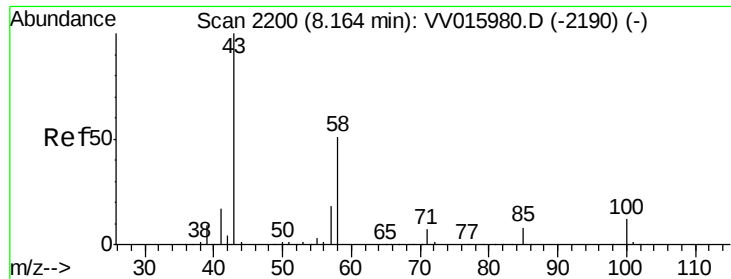
Tot Ion: 75 Resp: 1158
 Ion Ratio Lower Upper
 75 100
 77 44.7 21.3 39.5#



#46
 trans-1,3-Dichloropropene
 Concen: 0.064 ug/L
 RT: 7.65 min Scan# 2041
 Delta R.T. -0.02 min
 Lab File: VV015999.D
 Acq: 11 May 2020 19:17

Tgt Ion: 75 Resp: 671
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.3 39.6





#50

2-Hexanone

Concen: 1.607 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. -0.00 min

Lab File: VV015999.D

Acq: 11 May 2020 19:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	6227
Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.8	61.2#
57	15.5	14.7	22.1
100	7.9	9.0	13.6#

