

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016010.D
 Acq On : 12 May 2020 13:32
 Operator : SY/MD
 Sample : L2598-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 13 06:57:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 06:55:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	143275	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	140831	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65227	5.00	ug/L	0.00

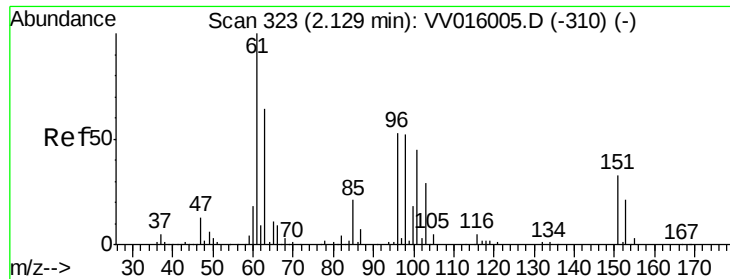
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51780	6.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	133.20%#
7) Chloroethane-d5	1.58	69	47311	6.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.40%
11) 1,1-Dichloroethene-d2	2.12	63	78236	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.60%
20) 2-Butanone-d5	3.93	46	126183	56.91	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.82%
24) Chloroform-d	4.38	84	97307	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
26) 1,2-Dichloroethane-d4	5.06	65	56417	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.80%
32) Benzene-d6	5.08	84	193474	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
36) 1,2-Dichloropropane-d6	6.10	67	60398	5.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.20%
41) Toluene-d8	7.34	98	174887	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
45) trans-1,3-Dichloropropene-	7.65	79	19784	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
48) 2-Hexanone-d5	8.12	63	87232	49.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.92%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37630	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	62231	5.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	646	0.078	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	599	0.076	ug/L #	1
13) Acetone	2.21	43	5671	3.877	ug/L	97
25) Chloroform	4.41	83	4288	0.232	ug/L	96
35) Methylcyclohexane	6.10	83	15042	0.983	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	7501	0.833	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1876	0.147	ug/L #	60
46) trans-1,3-Dichloropropene	7.65	75	1070	0.100	ug/L #	72
50) 2-Hexanone	8.17	43	7058	1.779	ug/L #	76

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.078 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016010.D

Acq: 12 May 2020 13:32

Instrument :

MSVOA_V

ClientSampled :

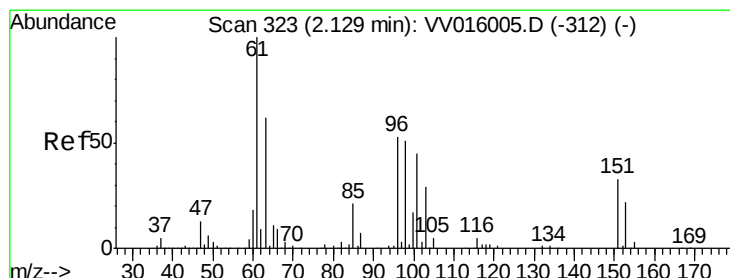
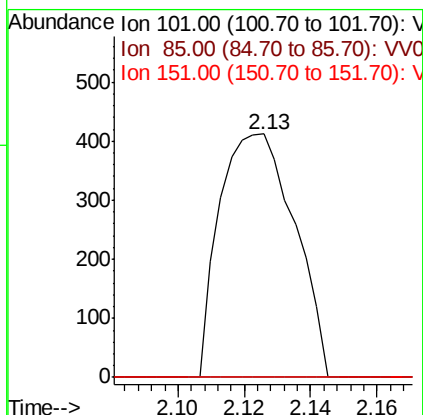
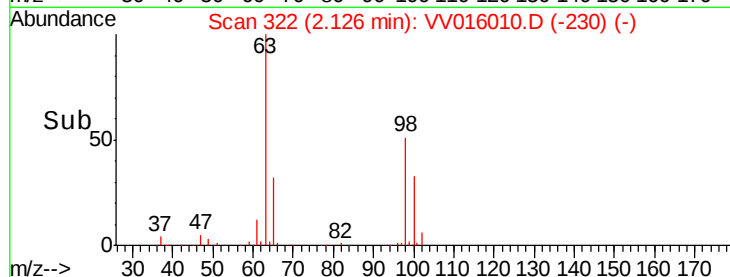
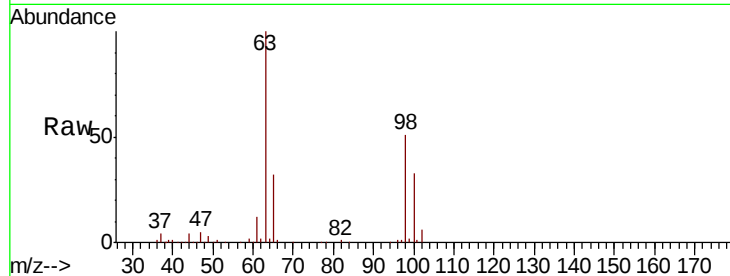
Tot Ion:101 Resp: 646

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

151 0.0 58.0 87.0#



#12

1,1-Dichloroethene

Concen: 0.076 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016010.D

Acq: 12 May 2020 13:32

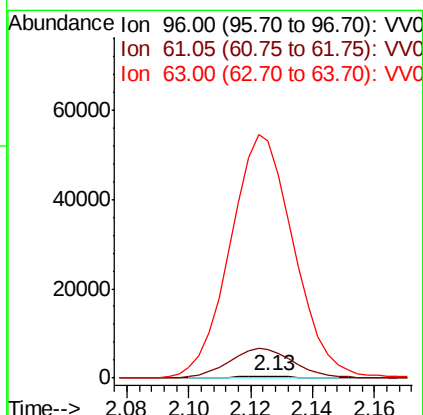
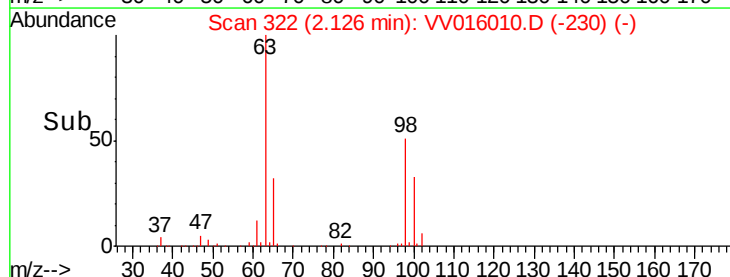
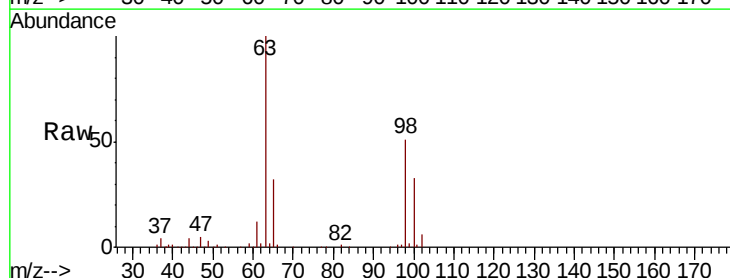
Tgt Ion: 96 Resp: 599

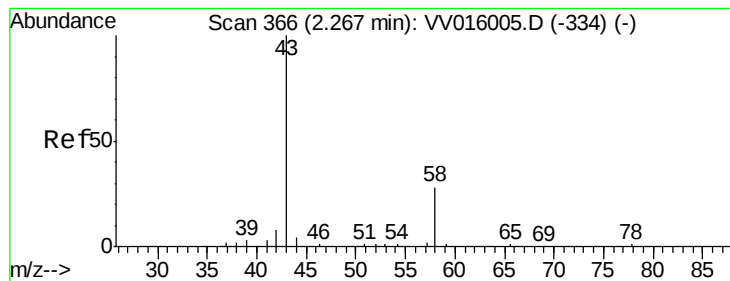
Ion Ratio Lower Upper

96 100

61 1465.1 139.9 259.7#

63 12198.6 106.4 197.6#





#13

Acetone

Concen: 3.877 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.06 min

Lab File: VV016010.D

Acq: 12 May 2020 13:32

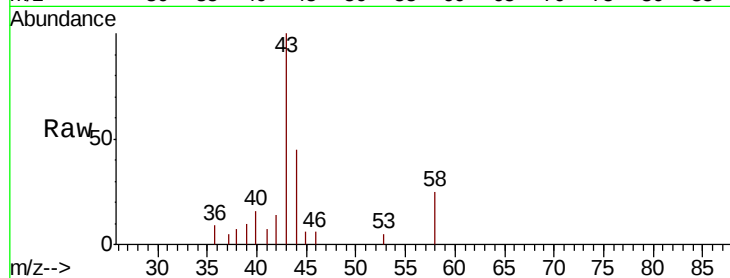
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5671

Ion Ratio Lower Upper

43 100

58 16.6 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV016010.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV016010.D (-334) (-)

2.21

2000

1500

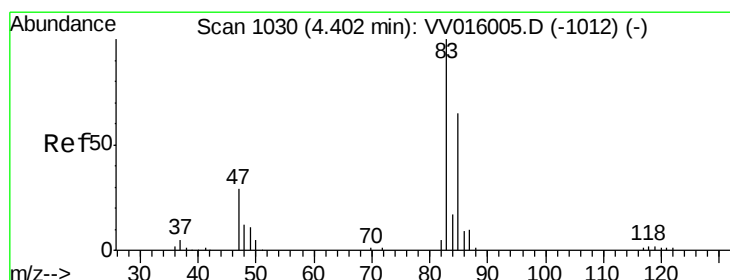
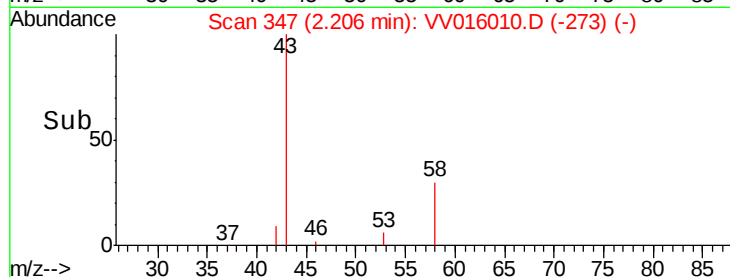
1000

500

0

Time-->

2.15 2.20 2.25 2.30



#25

Chloroform

Concen: 0.232 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV016010.D

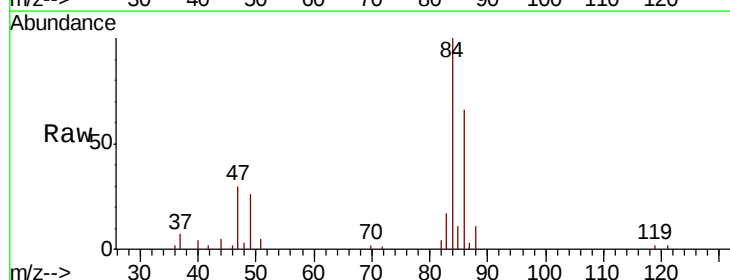
Acq: 12 May 2020 13:32

Tgt Ion: 83 Resp: 4288

Ion Ratio Lower Upper

83 100

85 68.5 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV016010.D (-937) (-)

Ion 85.00 (84.70 to 85.70): VV016010.D (-937) (-)

4.41

1500

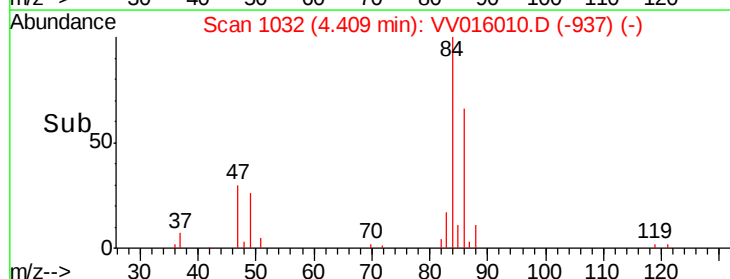
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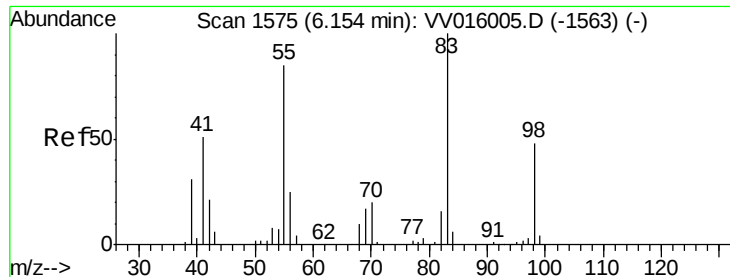
500

0

Time-->

4.30 4.35 4.40 4.45 4.50

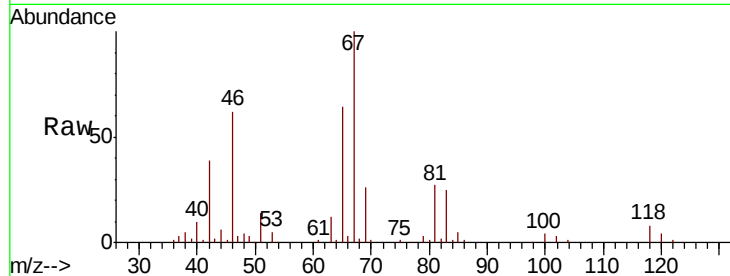




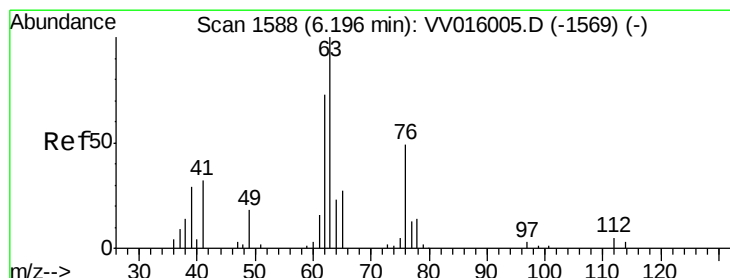
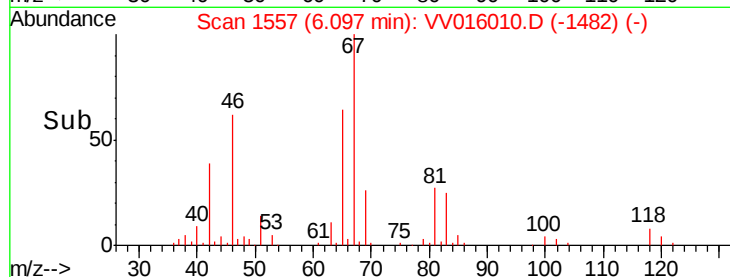
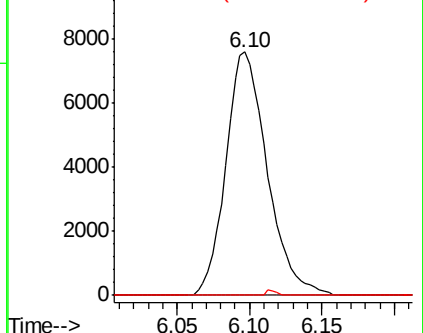
#35
Methvlcvclohexane
Concen: 0.983 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016010.D
Acq: 12 May 2020 13:32

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 15042
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.2#
98 0.5 37.9 56.9#

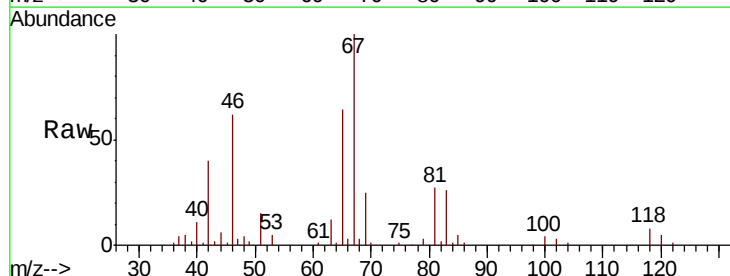


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

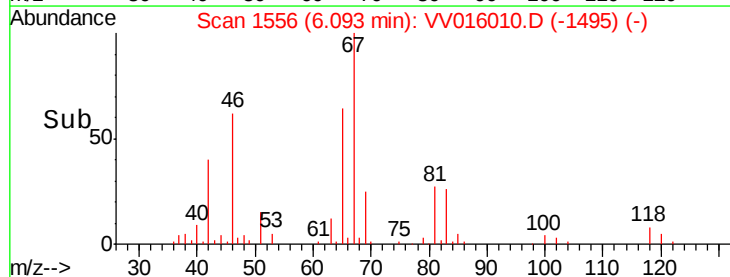
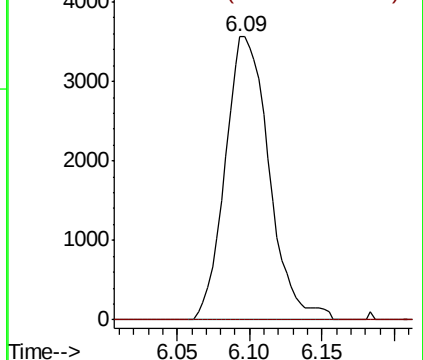


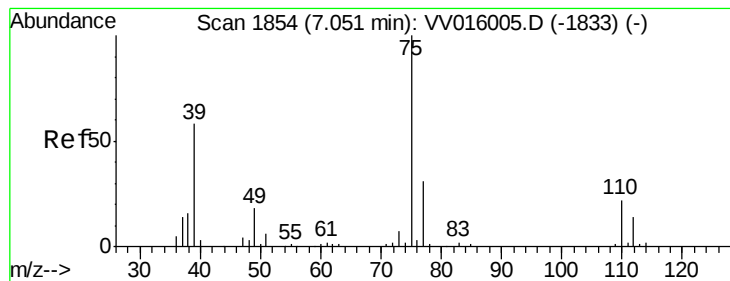
#37
1,2-Dichloropropane
Concen: 0.833 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV016010.D
Acq: 12 May 2020 13:32

Tgt Ion: 63 Resp: 7501
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



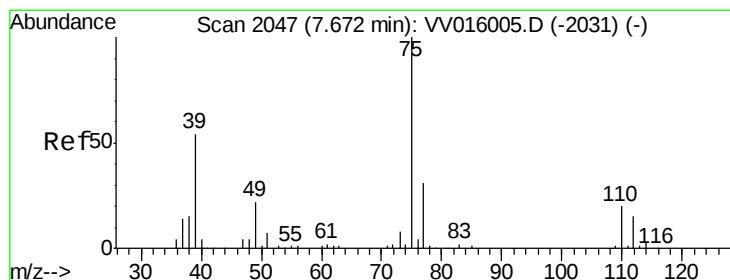
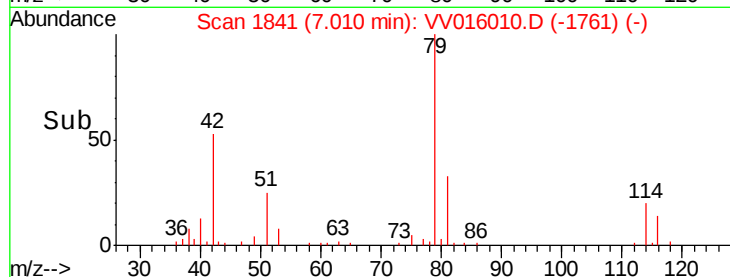
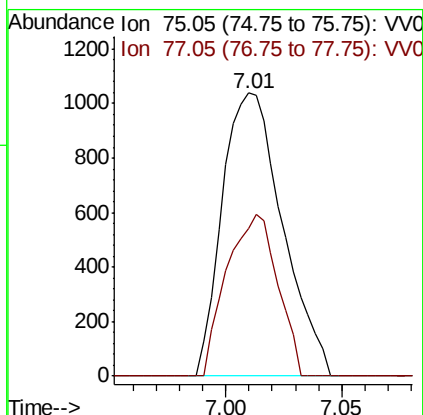
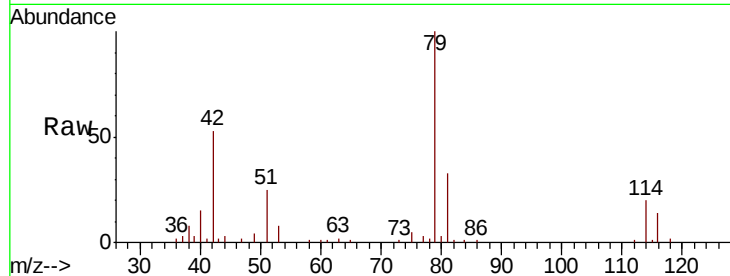


#39

cis-1,3-Dichloropropene
Concen: 0.147 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016010.D
Acq: 12 May 2020 13:32

Instrument :
MSVOA_V
ClientSampleId :

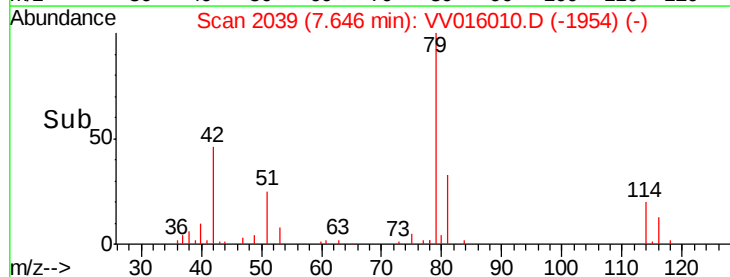
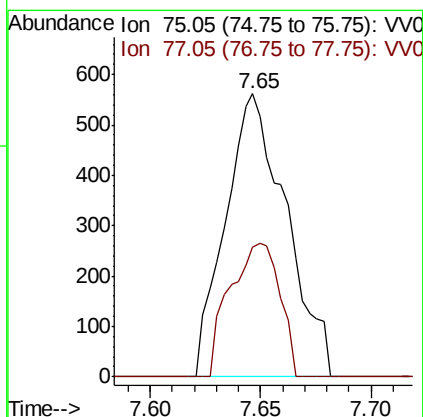
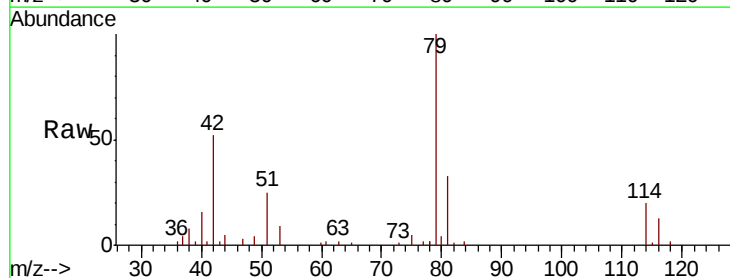
Tot Ion: 75 Resp: 1876
Ion Ratio Lower Upper
75 100
77 52.2 21.3 39.5#

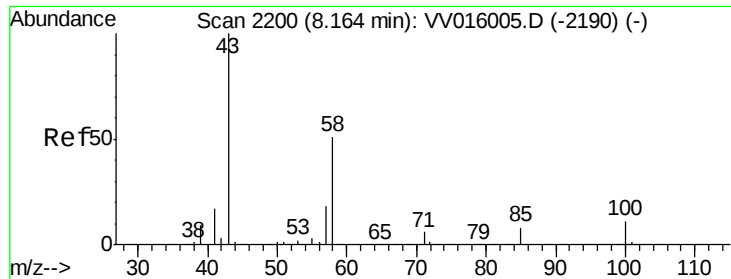


#46

trans-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016010.D
Acq: 12 May 2020 13:32

Tgt Ion: 75 Resp: 1070
Ion Ratio Lower Upper
75 100
77 45.9 21.3 39.6#





#50
 2-Hexanone
 Concen: 1.779 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: VV016010.D
 Acq: 12 May 2020 13:32

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	7058
Ion	Ratio	Lower	Upper
43	100		
58	30.9	40.8	61.2#
57	10.2	14.7	22.1#
100	8.1	9.0	13.6#

