

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052020\
 Data File : VV016131.D
 Acq On : 20 May 2020 15:06
 Operator : SY/MD
 Sample : L2725-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 21 01:40:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	138757	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138202	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	64679	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32392	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	35948	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.13	63	56910	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	3.91	46	120582	56.16	ug/L	-0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.32%
24) Chloroform-d	4.38	84	71179	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.06	65	48588	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.08	84	159541	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.10	67	52856	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.34	98	138891	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
45) trans-1,3-Dichloropropene-	7.65	79	16819	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
48) 2-Hexanone-d5	8.11	63	92080	53.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.42%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38563	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	54888	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

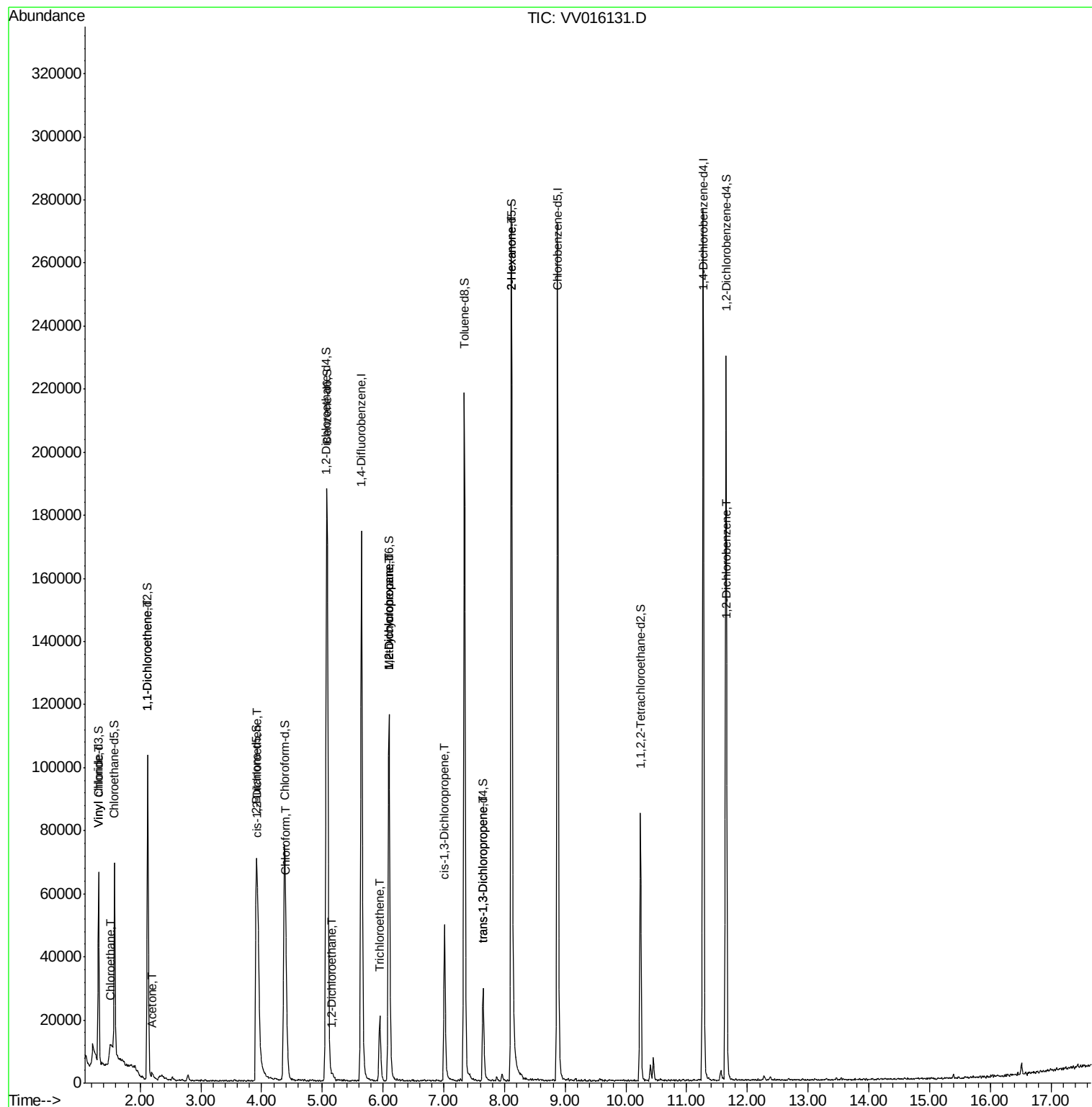
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	938	0.091	ug/L #	1
8) Chloroethane	1.51	64	7483	1.020	ug/L #	49
12) 1,1-Dichloroethene	2.13	96	575	0.075	ug/L #	1
13) Acetone	2.20	43	3337	2.356	ug/L	78
22) cis-1,2-Dichloroethene	3.94	96	12131	1.373	ug/L	97
25) Chloroform	4.41	83	18052	1.008	ug/L	98
27) 1,2-Dichloroethane	5.17	62	1238	0.113	ug/L #	76
34) Trichloroethene	5.95	95	7434	0.749	ug/L	98
35) Methylcyclohexane	6.10	83	12732	0.848	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6635	0.751	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1452	0.116	ug/L #	78
46) trans-1,3-Dichloropropene	7.65	75	843	0.080	ug/L	99
50) 2-Hexanone	8.11	43	13076	3.358	ug/L #	81
66) 1,2-Dichlorobenzene	11.67	146	1328	0.084	ug/L #	85

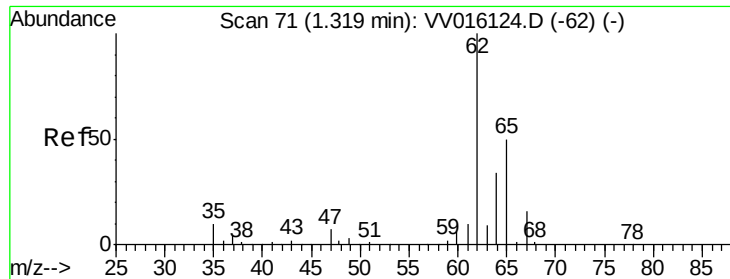
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.091 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016131.D

Acq: 20 May 2020 15:06

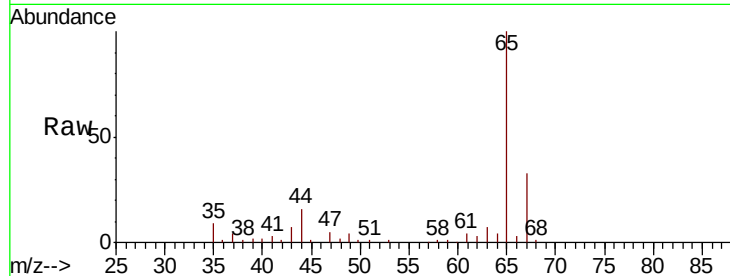
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 938

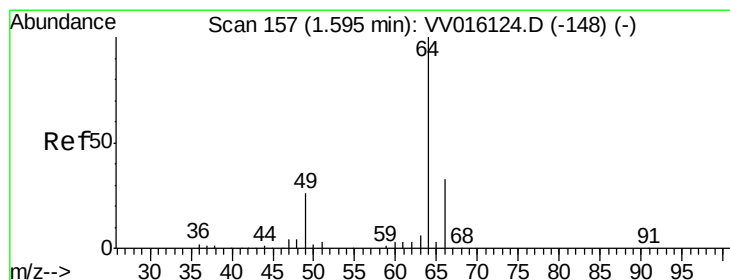
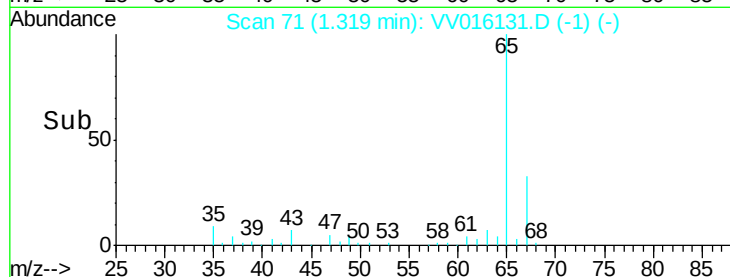
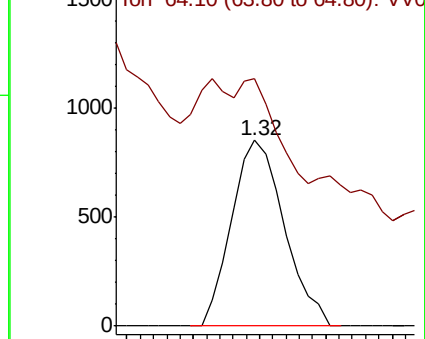
Ion Ratio Lower Upper

62 100

64 133.1 22.4 41.6#



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 64.10 (63.80 to 64.80): VV0



#8

Chloroethane

Concen: 1.020 ug/L

RT: 1.51 min Scan# 130

Delta R.T. -0.09 min

Lab File: VV016131.D

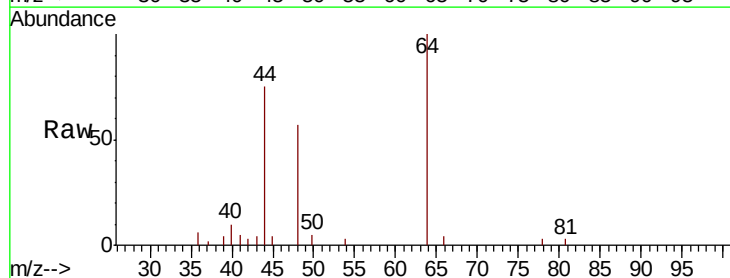
Acq: 20 May 2020 15:06

Tgt Ion: 64 Resp: 7483

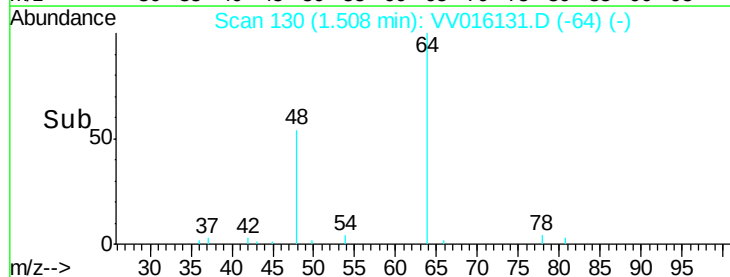
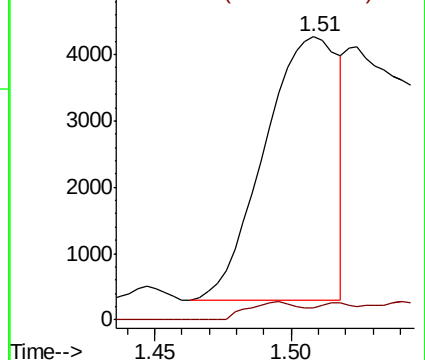
Ion Ratio Lower Upper

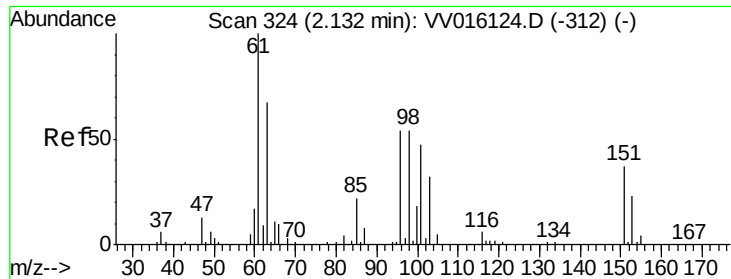
64 100

66 4.4 23.6 43.8#



Abundance Ion 64.10 (63.80 to 64.80): VV0
Ion 66.05 (65.75 to 66.75): VV0





#12

1,1-Dichloroethene

Concen: 0.075 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV016131.D

Acq: 20 May 2020 15:06

Instrument :

MSVOA_V

ClientSampleId :

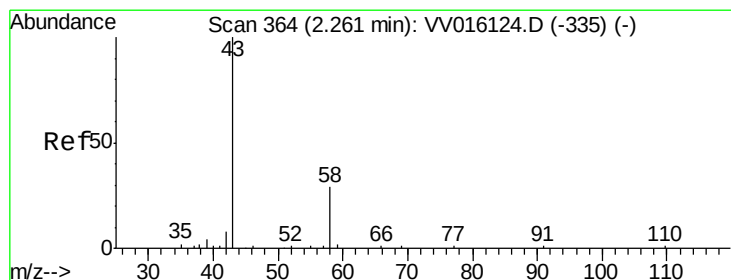
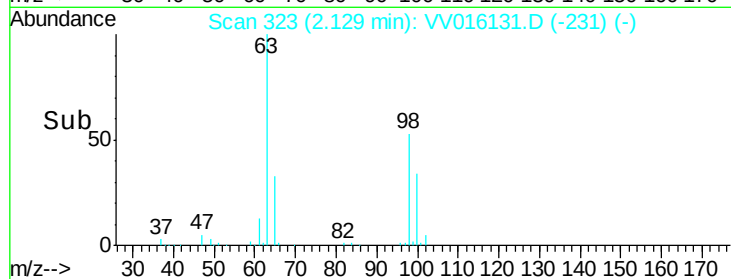
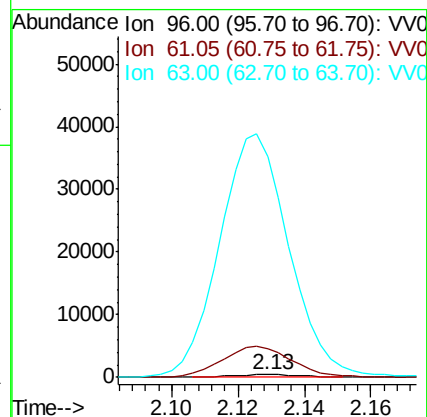
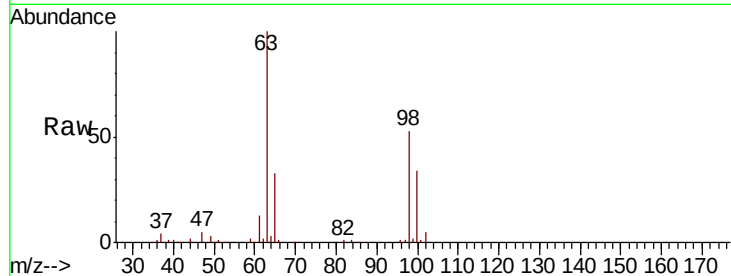
Tot Ion: 96 Resp: 575

Ion Ratio Lower Upper

96 100

61 1072.2 139.9 259.7#

63 8189.3 106.4 197.6#



#13

Acetone

Concen: 2.356 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.06 min

Lab File: VV016131.D

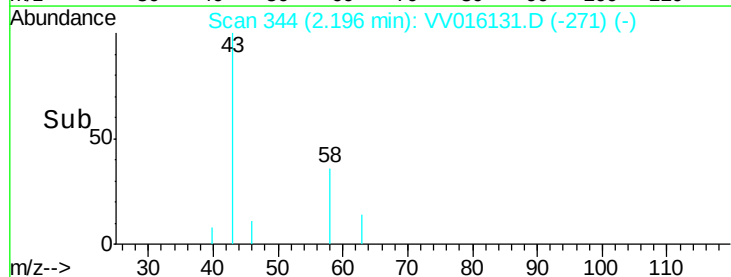
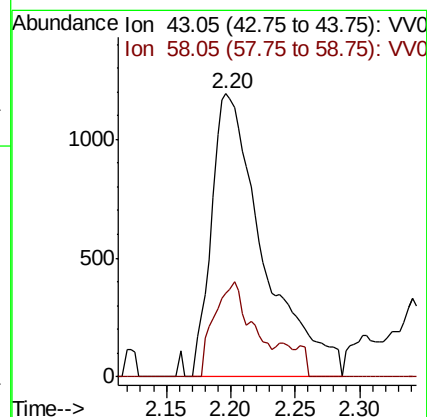
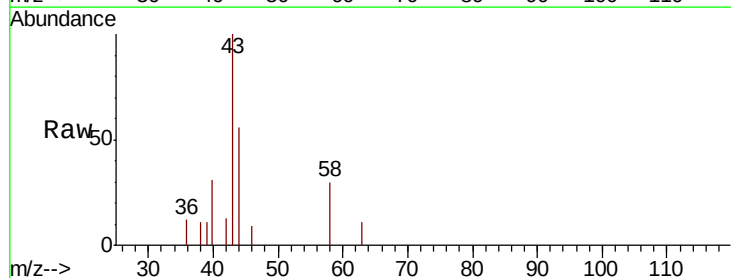
Acq: 20 May 2020 15:06

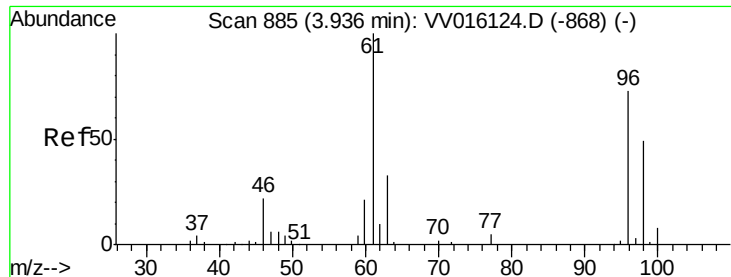
Tgt Ion: 43 Resp: 3337

Ion Ratio Lower Upper

43 100

58 24.5 0.0 30.8





#22

cis-1,2-Dichloroethene

Concen: 1.373 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

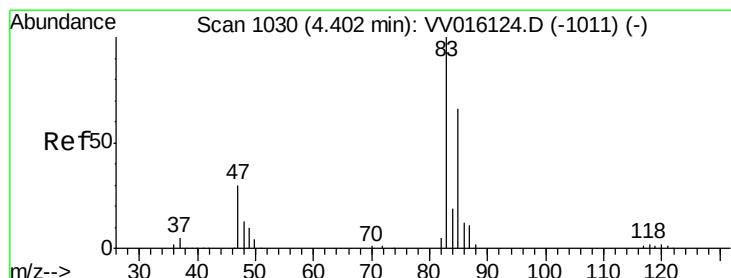
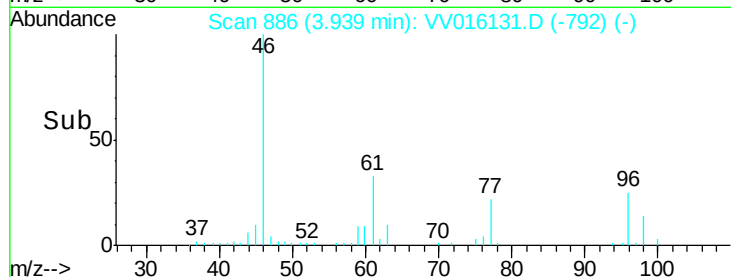
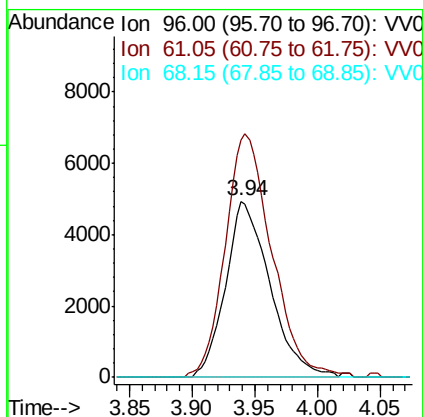
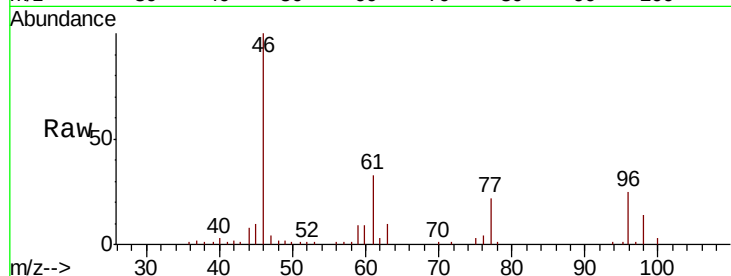
Lab File: VV016131.D

Acq: 20 May 2020 15:06

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 12131

Ion	Ratio	Lower	Upper
96	100		
61	134.7	97.2	180.6
68	0.0	0.0	0.0



#25

Chloroform

Concen: 1.008 ug/L

RT: 4.41 min Scan# 1032

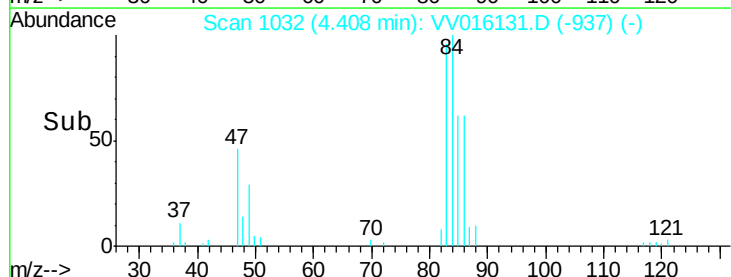
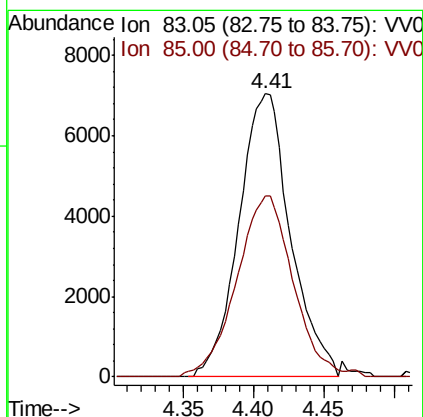
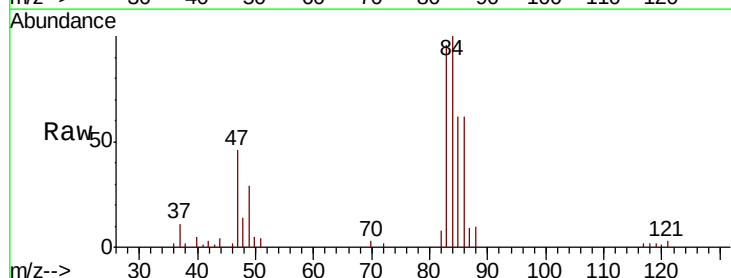
Delta R.T. 0.01 min

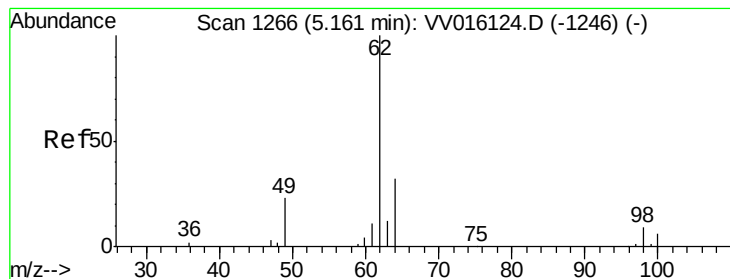
Lab File: VV016131.D

Acq: 20 May 2020 15:06

Tgt Ion: 83 Resp: 18052

Ion	Ratio	Lower	Upper
83	100		
85	64.1	45.7	84.9





#27

1,2-Dichloroethane

Concen: 0.113 ug/L

RT: 5.17 min Scan# 1268

Delta R.T. 0.01 min

Lab File: VV016131.D

Acq: 20 May 2020 15:06

Instrument :

MSVOA_V

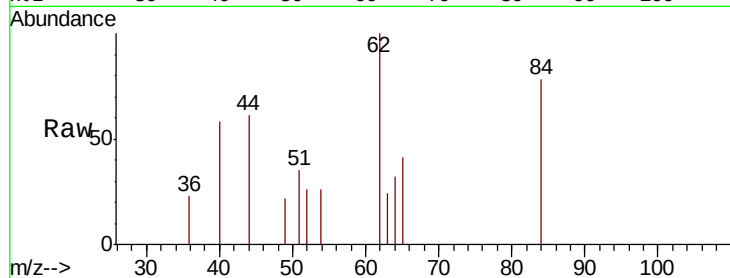
ClientSampleId :

Tot Ion: 62 Resp: 1238

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

5.17

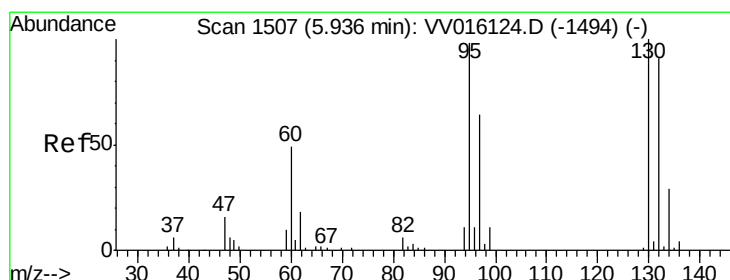
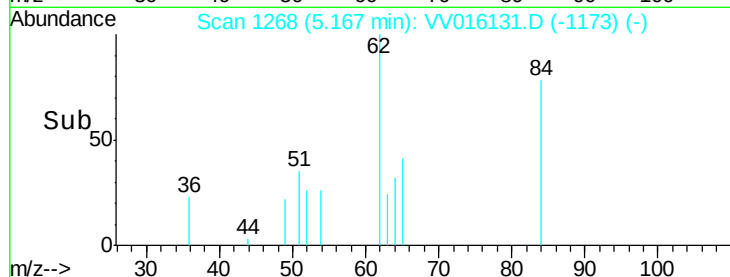
600

400

200

0

Time-->



#34

Trichloroethene

Concen: 0.749 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV016131.D

Acq: 20 May 2020 15:06

Tgt Ion: 95 Resp: 7434

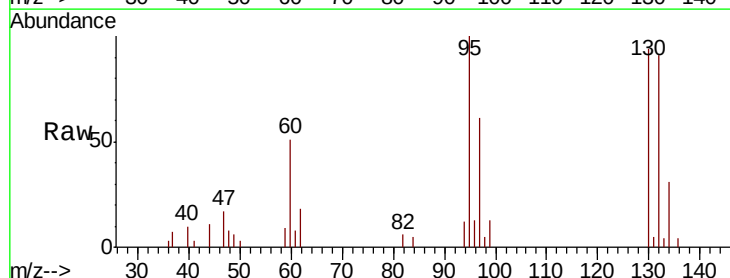
Ion Ratio Lower Upper

95 100

97 61.0 43.3 80.5

132 90.8 60.3 112.1

130 94.4 66.0 122.6



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): VV0

Ion 129.95 (129.65 to 130.65): VV0

5000

4000

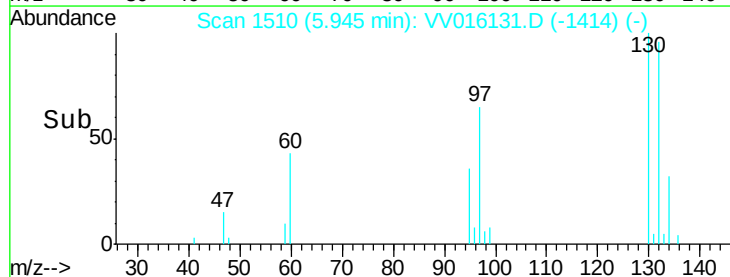
3000

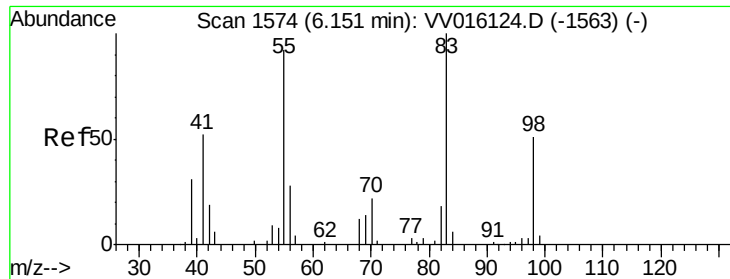
2000

1000

0

Time-->

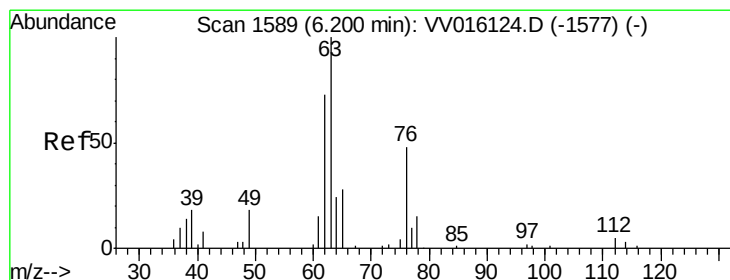
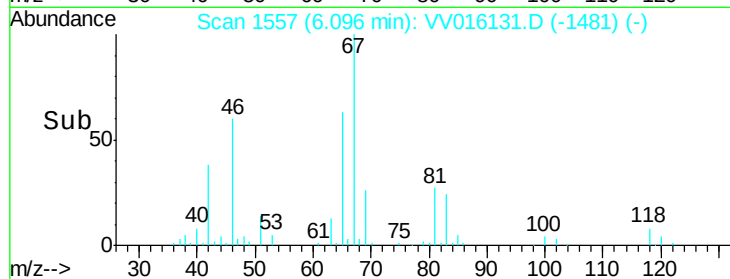
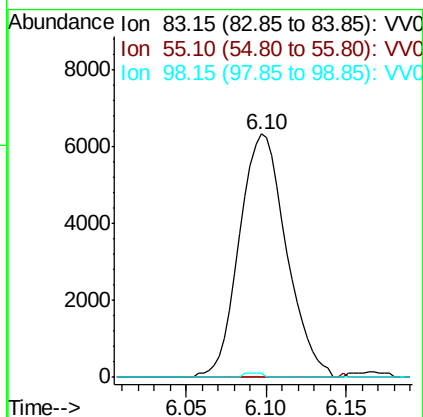
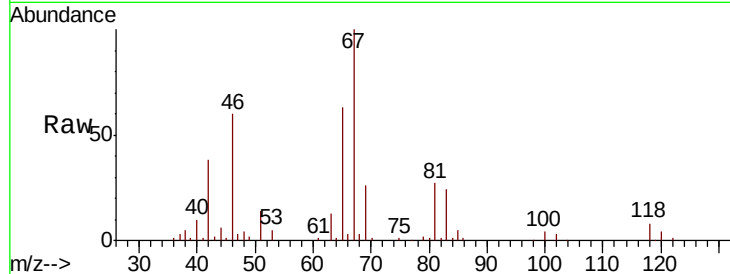




#35
Methylvlcyclohexane
Concen: 0.848 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016131.D
Acq: 20 May 2020 15:06

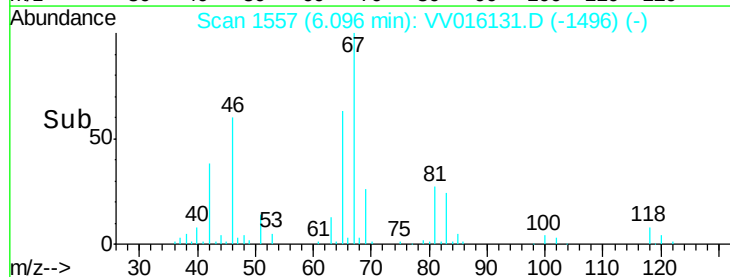
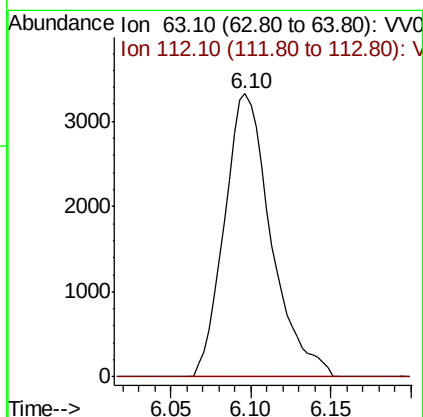
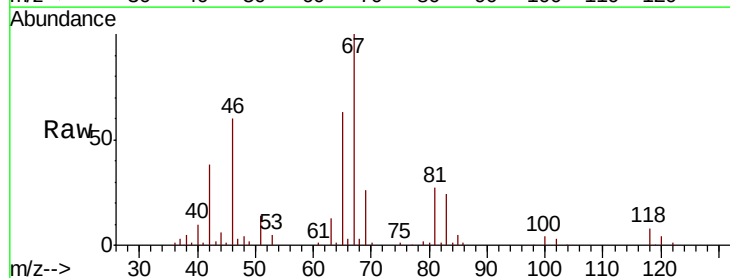
Instrument :
MSVOA_V
ClientSampleId :

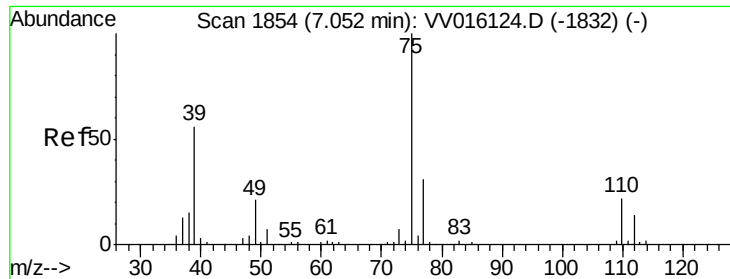
Tot Ion: 83 Resp: 12732
Ion Ratio Lower Upper
83 100
55 0.1 66.2 99.2#
98 0.7 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.751 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016131.D
Acq: 20 May 2020 15:06

Tgt Ion: 63 Resp: 6635
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



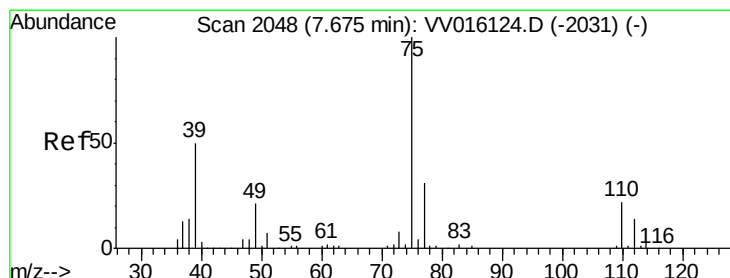
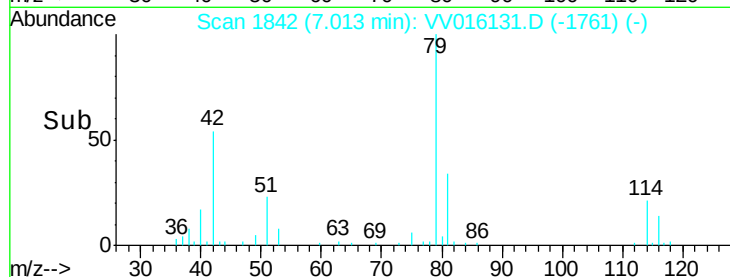
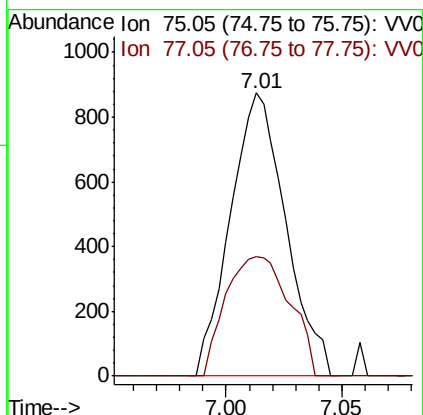
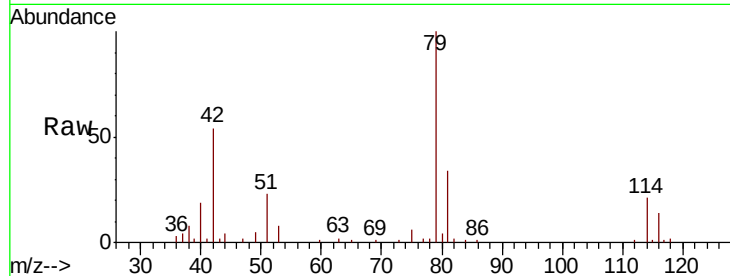


#39

cis-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV016131.D
Acq: 20 May 2020 15:06

Instrument :
MSVOA_V
ClientSampleId :

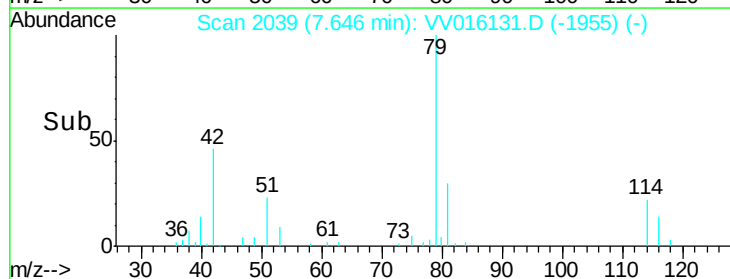
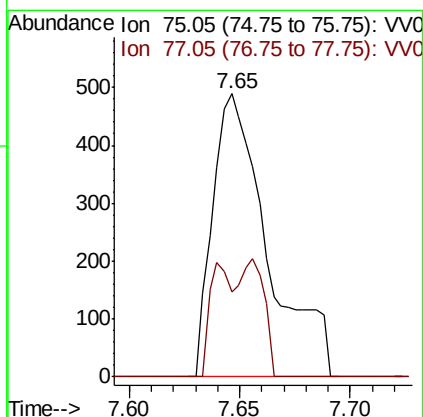
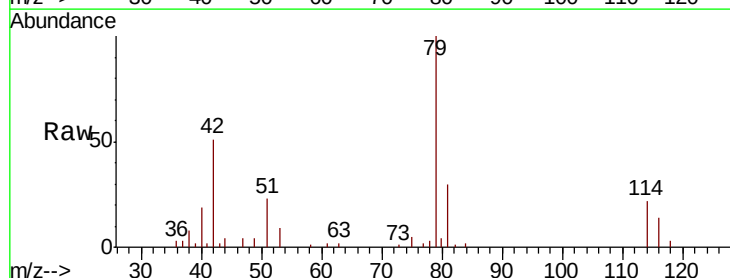
Tot Ion: 75 Resp: 1452
Ion Ratio Lower Upper
75 100
77 42.2 21.3 39.5#

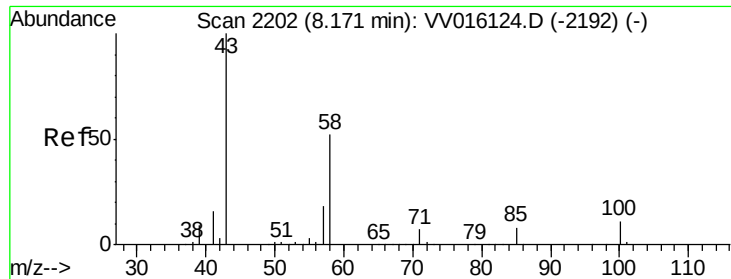


#46

trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016131.D
Acq: 20 May 2020 15:06

Tgt Ion: 75 Resp: 843
Ion Ratio Lower Upper
75 100
77 30.1 21.3 39.6

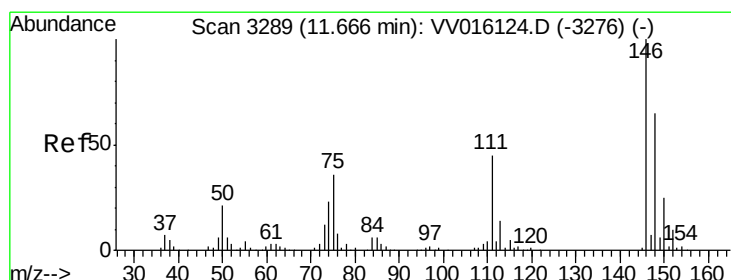
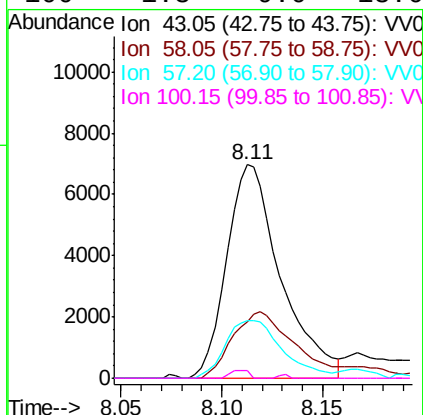
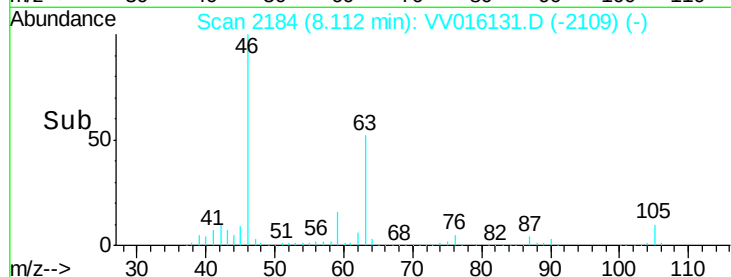
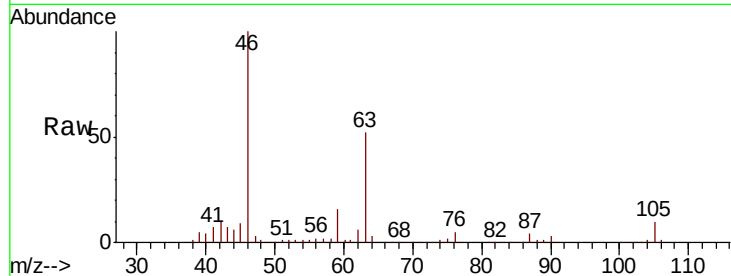




#50
2-Hexanone
Concen: 3.358 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.06 min
Lab File: VV016131.D
Acq: 20 May 2020 15:06

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 13076
Ion Ratio Lower Upper
43 100
58 39.4 40.8 61.2#
57 28.4 14.7 22.1#
100 1.3 9.0 13.6#



#66
1,2-Dichlorobenzene
Concen: 0.084 ug/L
RT: 11.67 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VV016131.D
Acq: 20 May 2020 15:06

Tgt Ion: 146 Resp: 1328
Ion Ratio Lower Upper
146 100
111 52.1 37.0 55.4
148 47.0 49.8 74.6#

