

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051520\
 Data File : VV016083.D
 Acq On : 15 May 2020 12:31
 Operator : SY/MD
 Sample : VV0515WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 16 01:45:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 01:43:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	150266	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	149538	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	68850	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39152	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.58	69	39104	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.12	63	61157	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.95	46	123813	53.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.48%
24) Chloroform-d	4.38	84	85731	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.06	65	51388	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.07	84	171142	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.09	67	54306	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.34	98	149756	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
45) trans-1,3-Dichloropropene-	7.65	79	18075	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
48) 2-Hexanone-d5	8.12	63	96984	51.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.58%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38590	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	56004	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

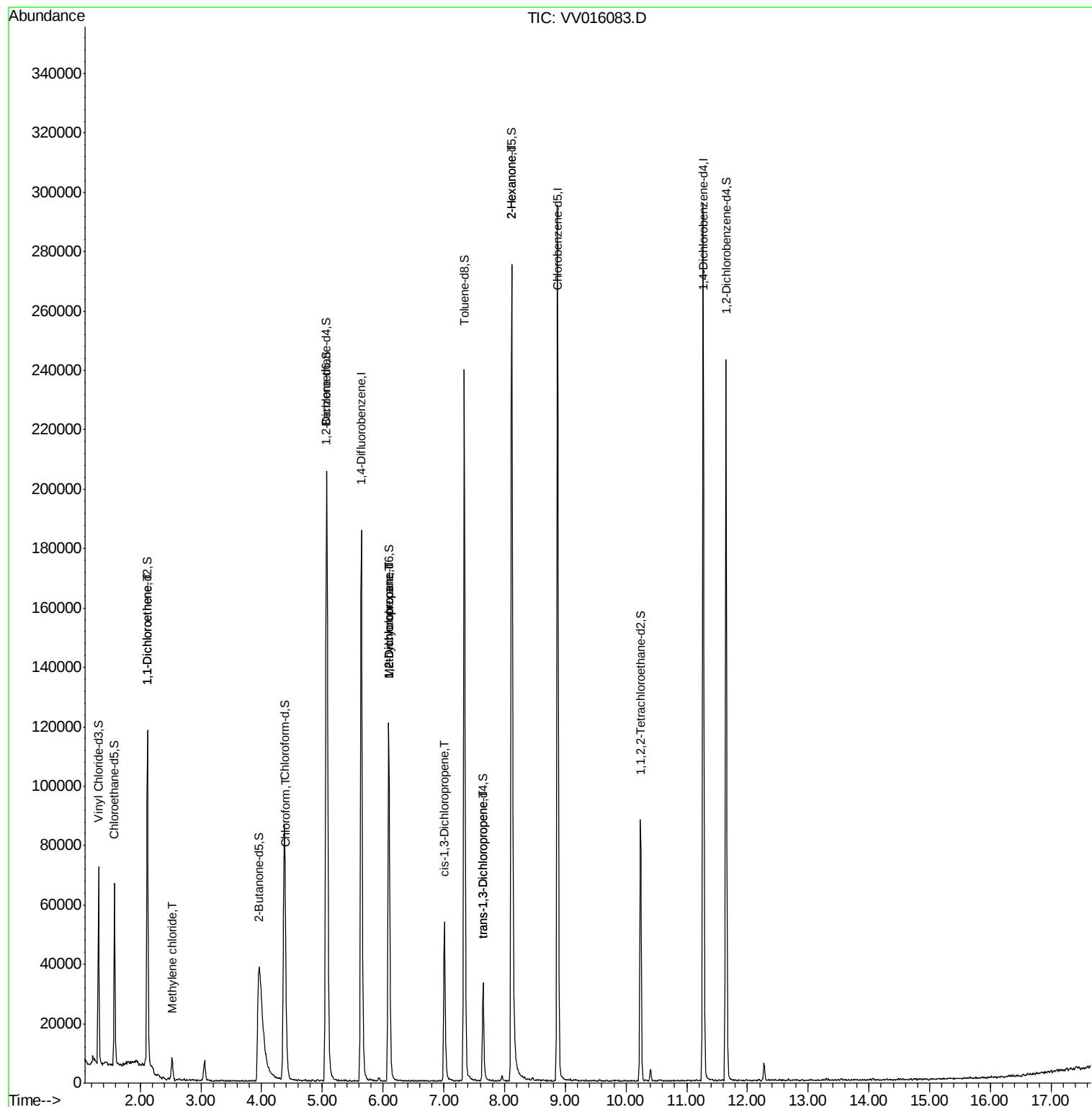
					Ovalue
12) 1,1-Dichloroethene	2.12	96	652	0.079 ug/L #	1
16) Methylene chloride	2.53	84	2921	0.295 ug/L	94
25) Chloroform	4.40	83	7998	0.413 ug/L	95
35) Methylcyclohexane	6.09	83	13206	0.813 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	7323	0.766 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1703	0.126 ug/L #	71
46) trans-1,3-Dichloropropene	7.65	75	893	0.078 ug/L	93
50) 2-Hexanone	8.12	43	13897	3.299 ug/L #	80

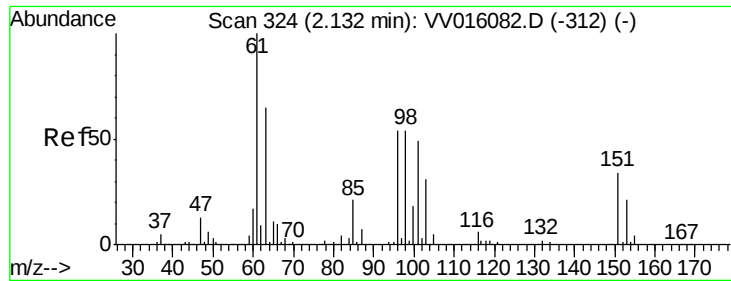
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 16 01:43:07 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.079 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016083.D

Acq: 15 May 2020 12:31

Instrument :

MSVOA_V

ClientSampleId :

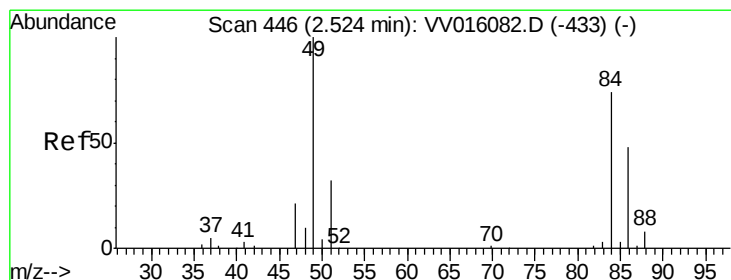
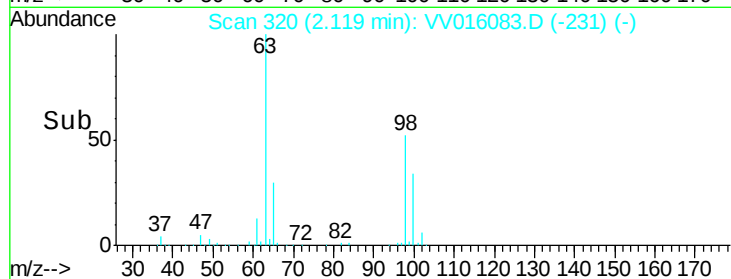
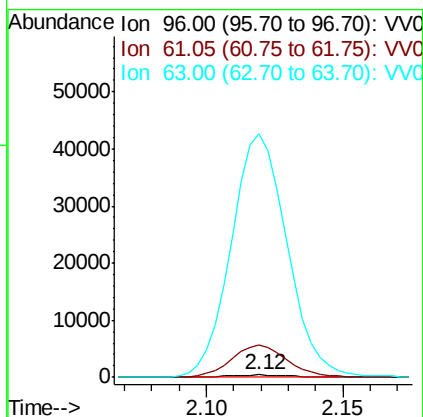
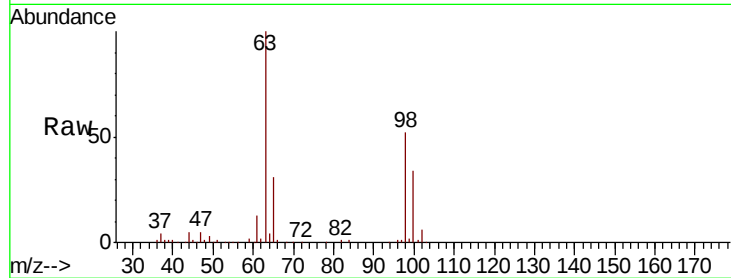
Tot Ion: 96 Resp: 652

Ion Ratio Lower Upper

96 100

61 1331.4 139.9 259.7#

63 10154.3 106.4 197.6#



#16

Methylene chloride

Concen: 0.295 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV016083.D

Acq: 15 May 2020 12:31

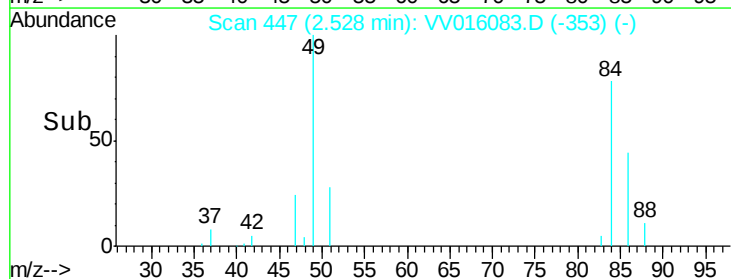
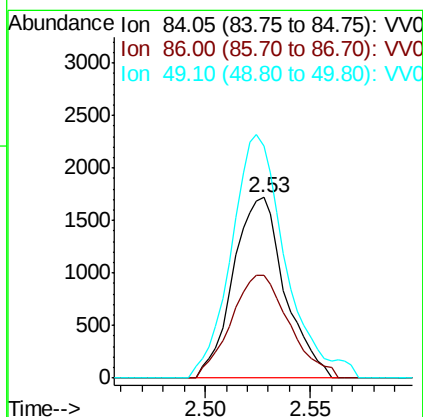
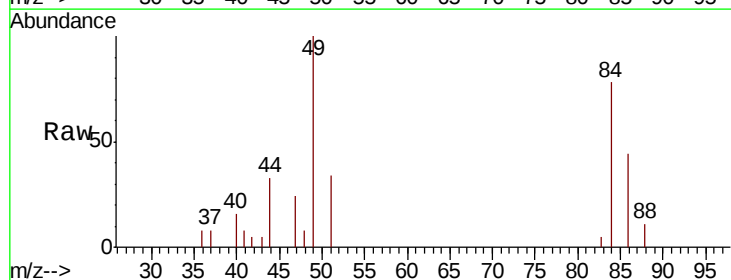
Tgt Ion: 84 Resp: 2921

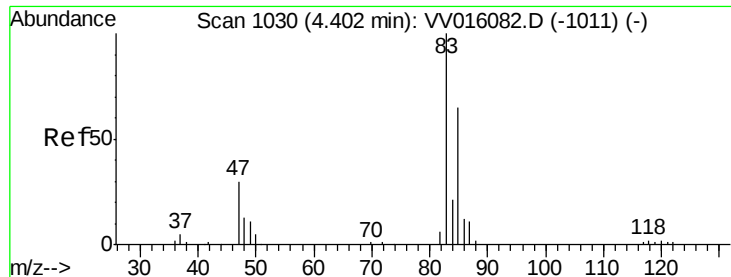
Ion Ratio Lower Upper

84 100

86 56.9 45.6 84.8

49 128.9 93.6 173.8

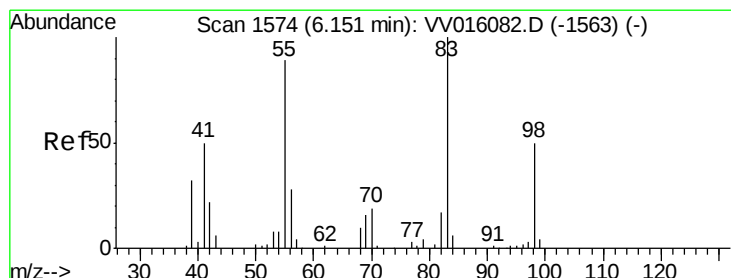
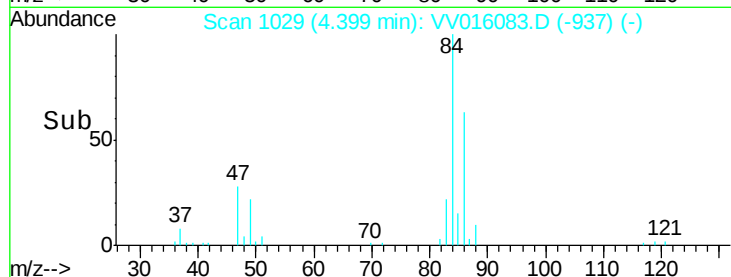
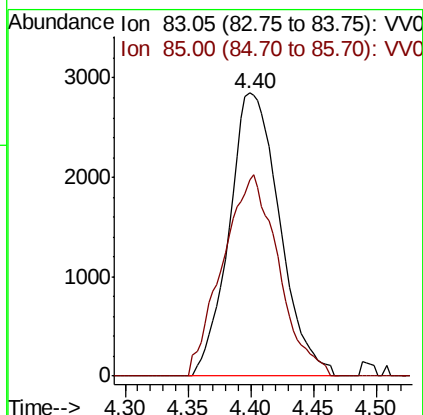
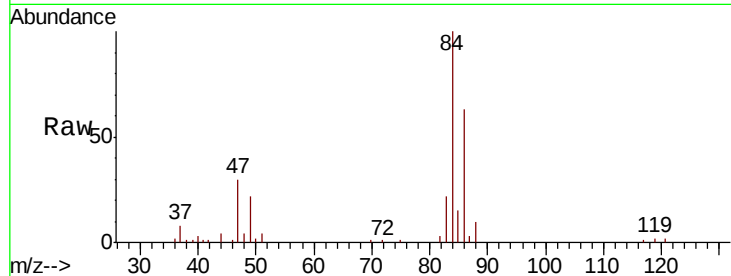




#25
Chloroform
Concen: 0.413 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV016083.D
Acq: 15 May 2020 12:31

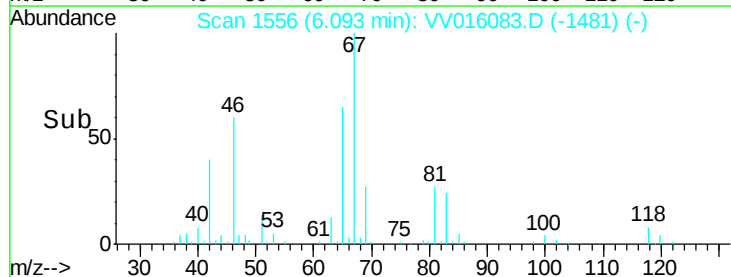
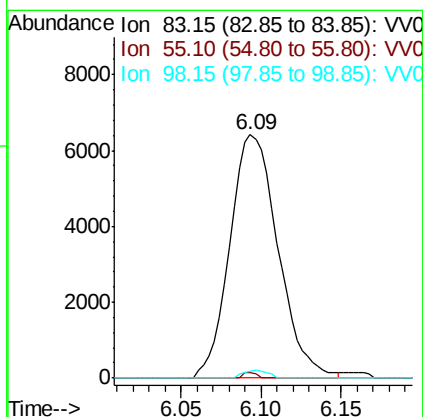
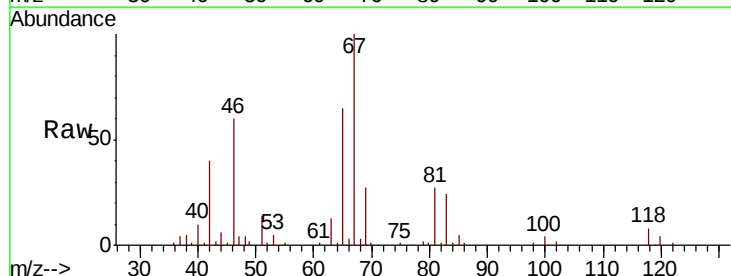
Instrument :
MSVOA_V
ClientSampleId :

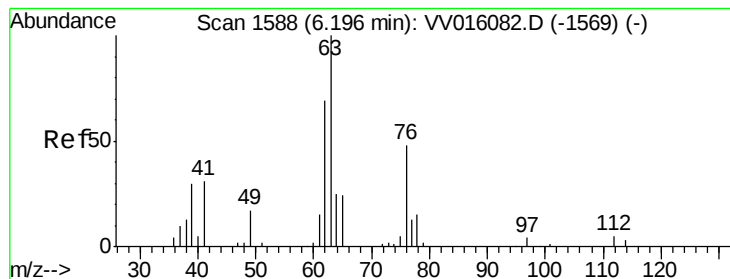
Tot Ion: 83 Resp: 7998
Ion Ratio Lower Upper
83 100
85 69.5 45.7 84.9



#35
Methylcyclohexane
Concen: 0.813 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV016083.D
Acq: 15 May 2020 12:31

Tgt Ion: 83 Resp: 13206
Ion Ratio Lower Upper
83 100
55 0.6 66.2 99.2#
98 1.7 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.766 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.11 min

Lab File: VV016083.D

Acq: 15 May 2020 12:31

Instrument :

MSVOA_V

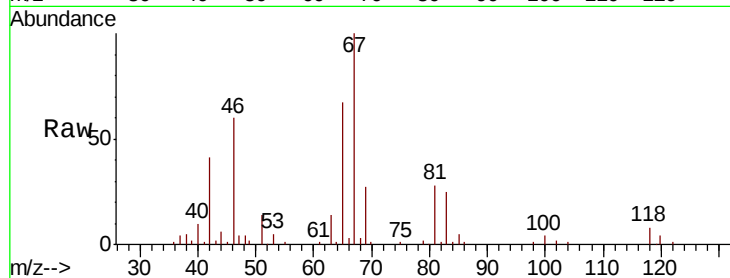
ClientSampleId :

Tot Ion: 63 Resp: 7323

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV016082.D (-1569) (-)

Ion 112.10 (111.80 to 112.80): VV016082.D (-1569) (-)

4000

3000

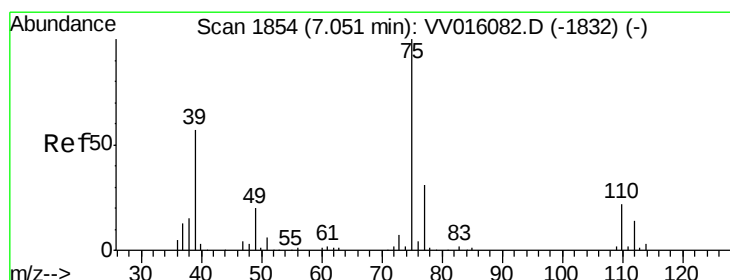
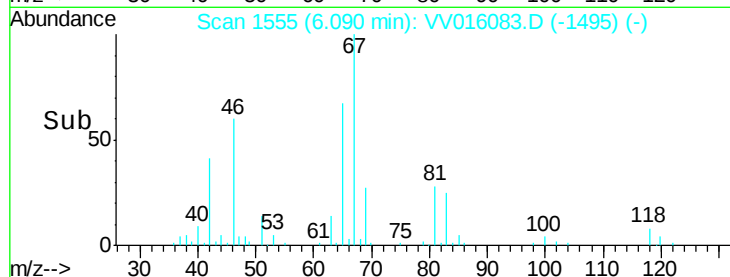
2000

1000

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV016083.D

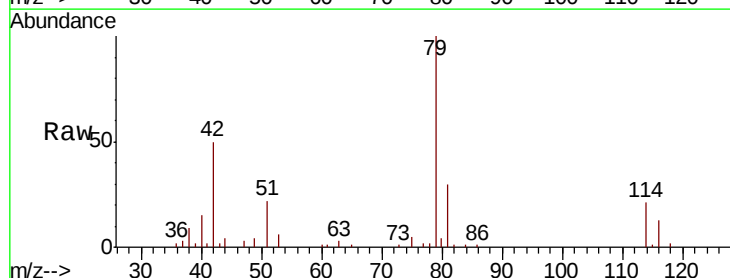
Acq: 15 May 2020 12:31

Tgt Ion: 75 Resp: 1703

Ion Ratio Lower Upper

75 100

77 46.4 21.3 39.5#



Abundance Ion 75.05 (74.75 to 75.75): VV016082.D (-1832) (-)

Ion 77.05 (76.75 to 77.75): VV016082.D (-1832) (-)

1000

800

600

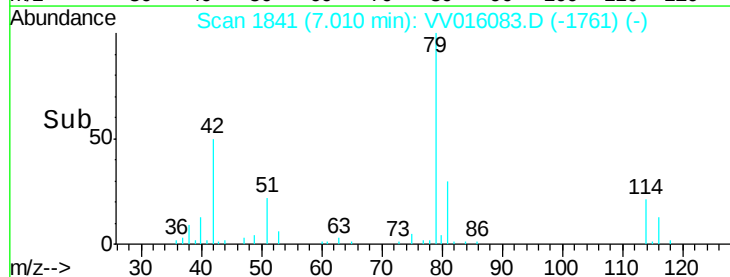
400

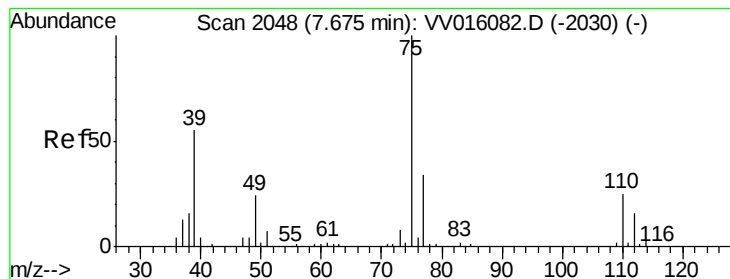
200

0

6.95 7.00 7.05

Time-->





#46

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.03 min

Lab File: VV016083.D

Acq: 15 May 2020 12:31

Instrument :

MSVOA_V

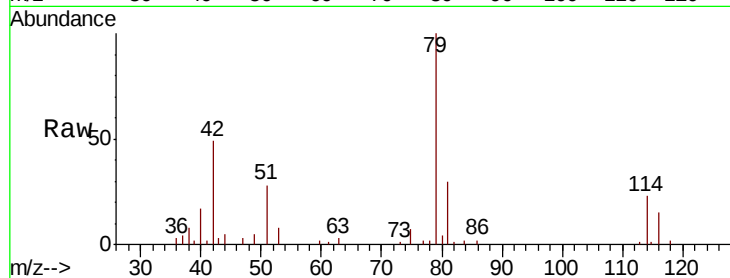
ClientSampleId :

Tot Ion: 75 Resp: 893

Ion Ratio Lower Upper

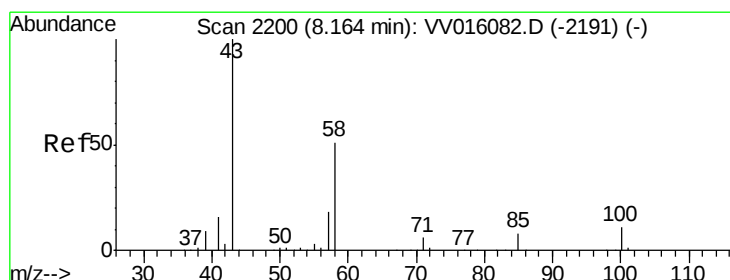
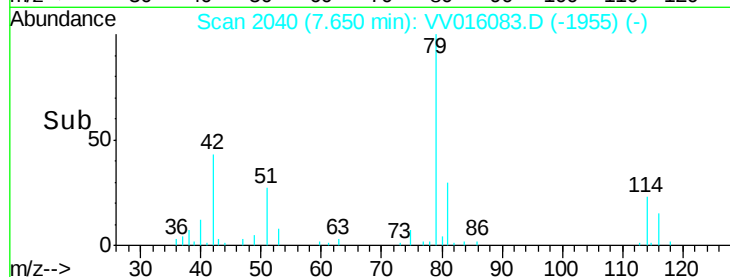
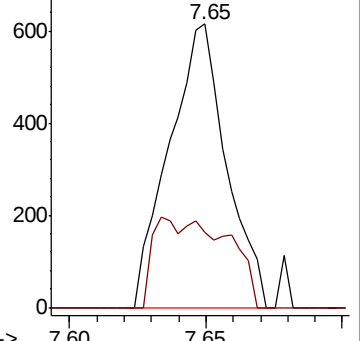
75 100

77 26.5 21.3 39.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 3.299 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV016083.D

Acq: 15 May 2020 12:31

Tgt Ion: 43 Resp: 13897

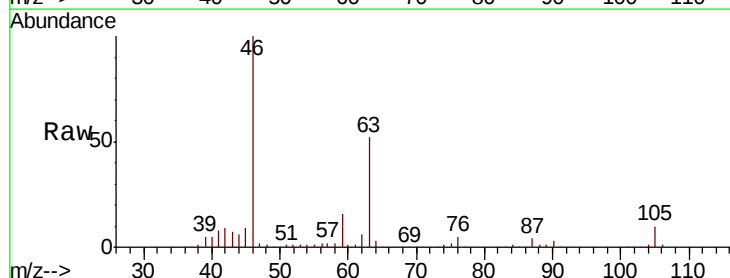
Ion Ratio Lower Upper

43 100

58 37.1 40.8 61.2#

57 25.4 14.7 22.1#

100 0.5 9.0 13.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

