

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\
 Data File : VV015838.D
 Acq On : 30 Apr 2020 17:00
 Operator : SY/MD
 Sample : L2421-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 01 01:46:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 01 01:42:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	124096	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	118476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	55345	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36798	5.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.40%
7) Chloroethane-d5	1.57	69	33436	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.12	63	54596	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.97	46	98215	47.17	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.34%
24) Chloroform-d	4.38	84	72811	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.06	65	43207	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.08	84	142336	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.10	67	45676	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.34	98	126382	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.65	79	15113	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.12	63	71332	41.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30567	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	46486	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

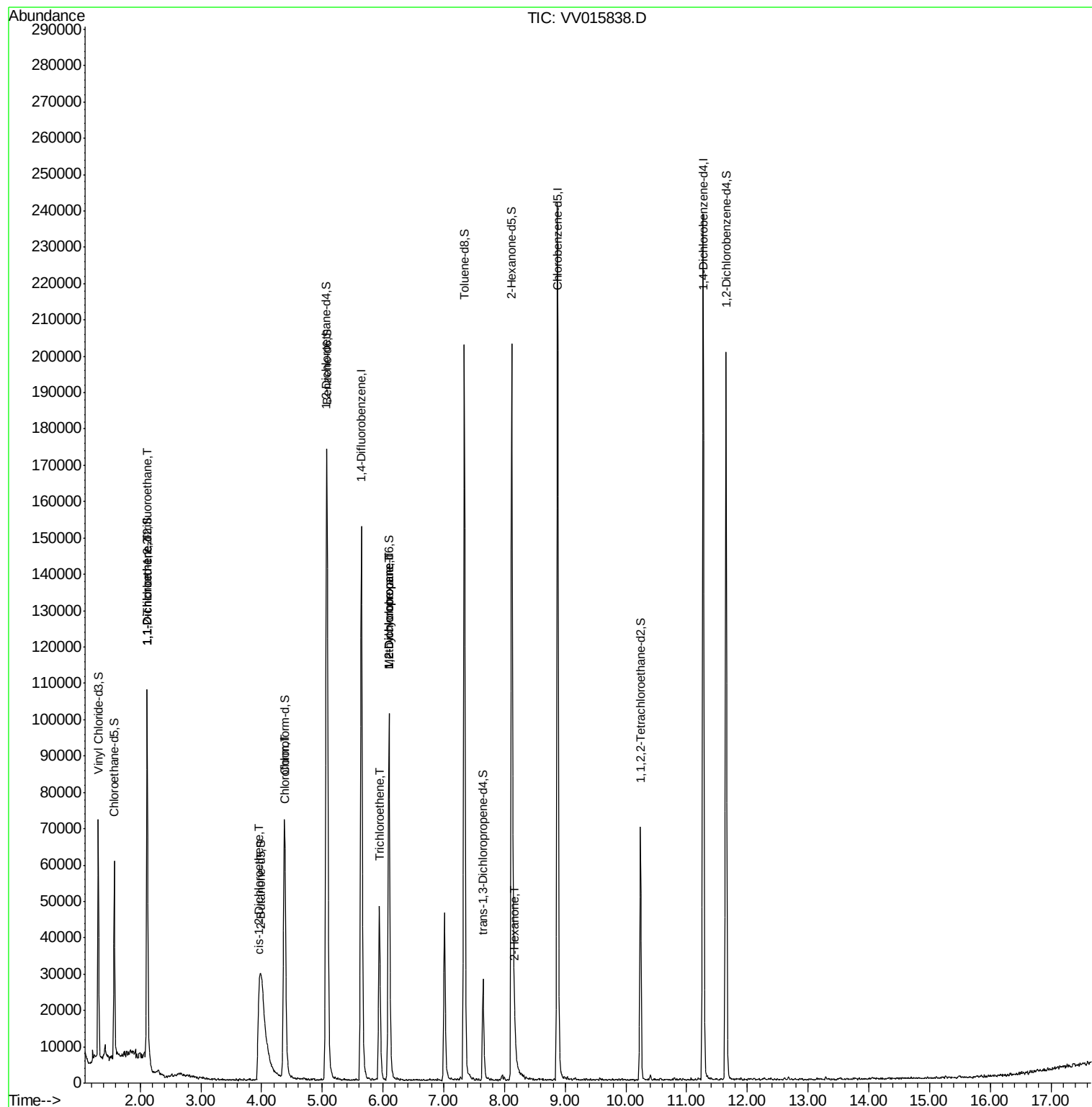
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	587	0.075 ug/L #	26
12) 1,1-Dichloroethene	2.12	96	589	0.082 ug/L #	1
22) cis-1,2-Dichloroethene	3.94	96	969	0.108 ug/L	93
25) Chloroform	4.40	83	2721	0.161 ug/L	98
34) Trichloroethene	5.94	95	16675	1.784 ug/L	98
35) Methylcyclohexane	6.09	83	11295	0.787 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5881	0.684 ug/L #	86
48) 2-Hexanone	8.17	43	5214	1.309 ug/L #	90

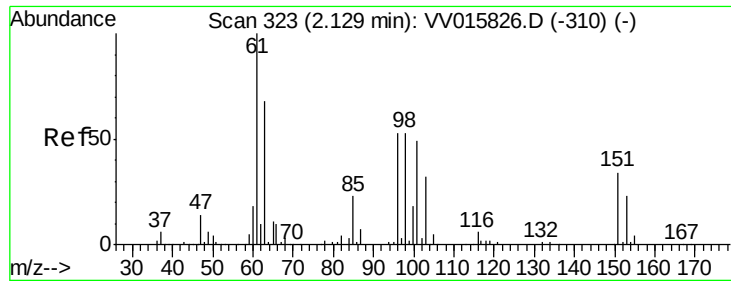
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 01 01:42:43 2020
Response via : Initial Calibration





#10

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

Concen: 0.075 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015838.D

Acq: 30 Apr 2020 17:00

Instrument :

MSVOA_V

ClientSampled :

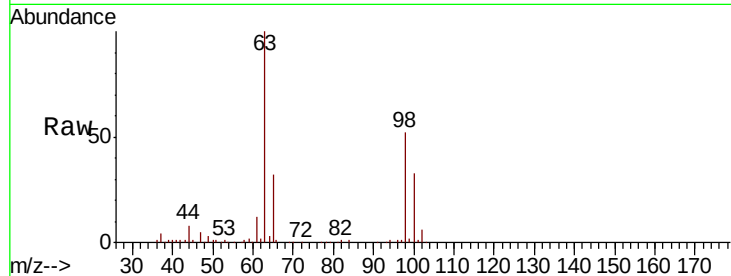
Tot Ion:101 Resp: 587

Ion Ratio Lower Upper

101 100

85 7.0 36.1 54.1#

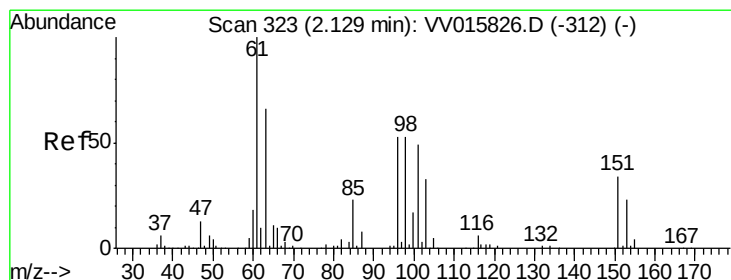
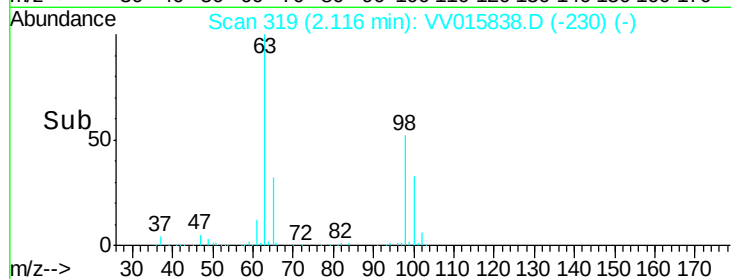
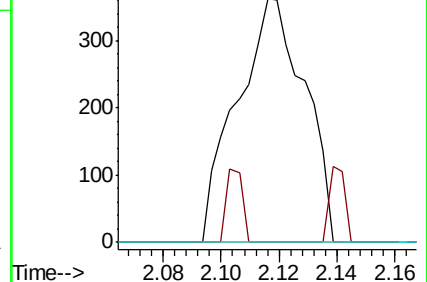
151 0.0 55.2 82.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.082 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015838.D

Acq: 30 Apr 2020 17:00

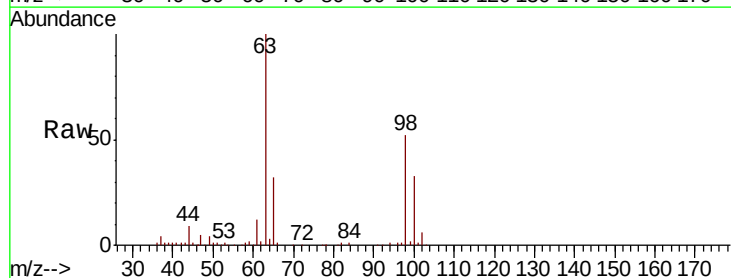
Tgt Ion: 96 Resp: 589

Ion Ratio Lower Upper

96 100

61 1059.1 130.1 241.7#

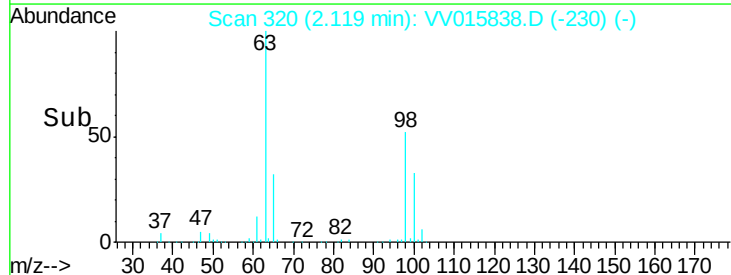
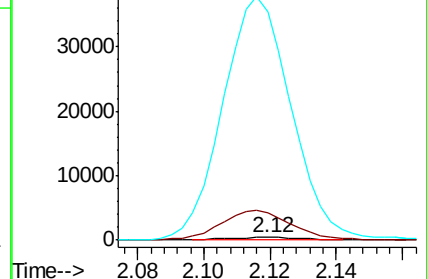
63 8878.2 91.4 169.8#

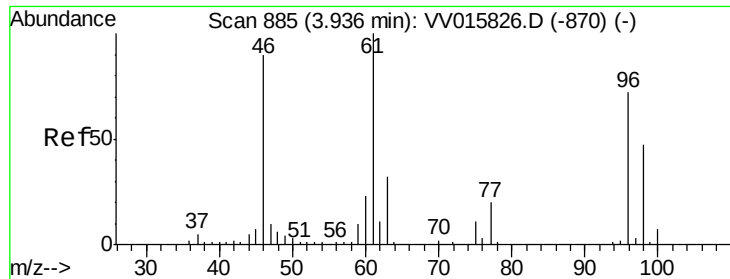


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



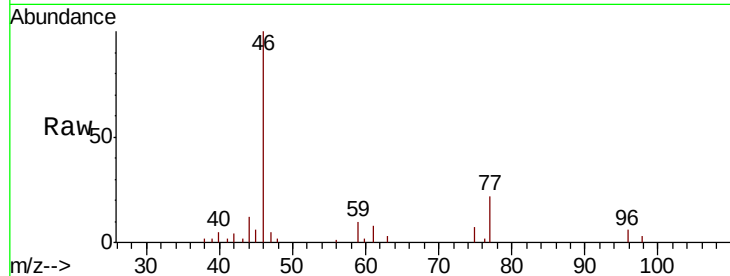


#22

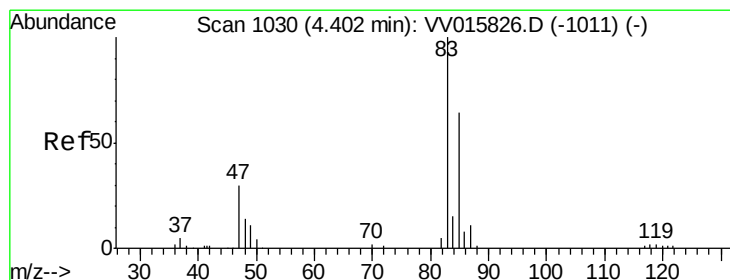
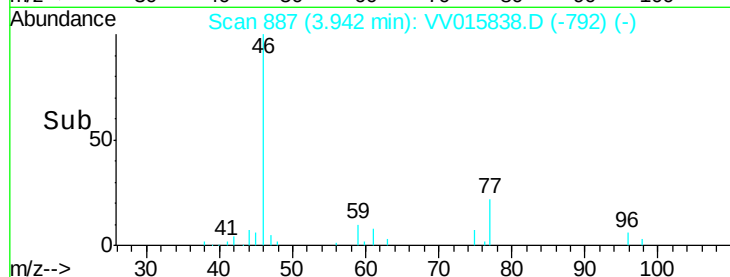
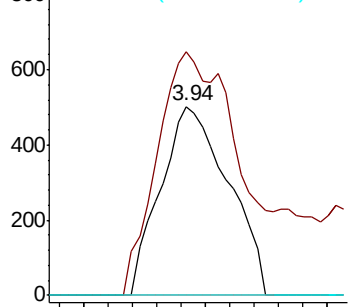
cis-1,2-Dichloroethene
Concen: 0.108 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015838.D
Acq: 30 Apr 2020 17:00

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 969
Ion Ratio Lower Upper
96 100
61 128.9 96.4 179.0
68 0.0 0.0 0.0



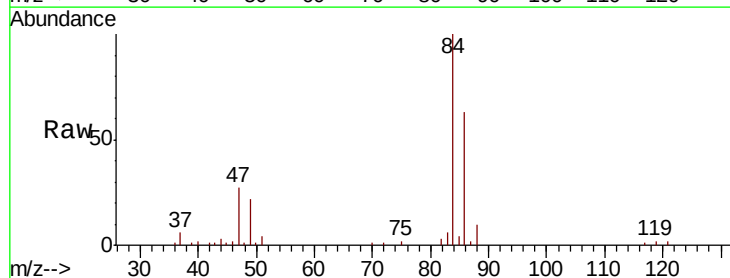
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



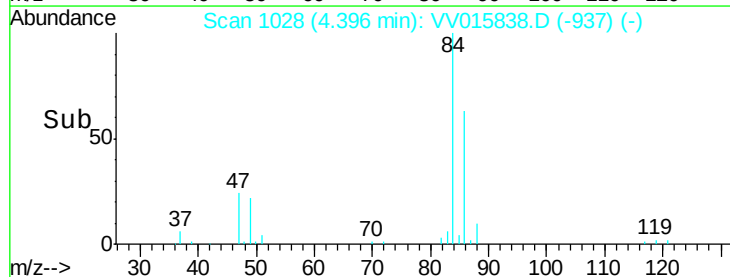
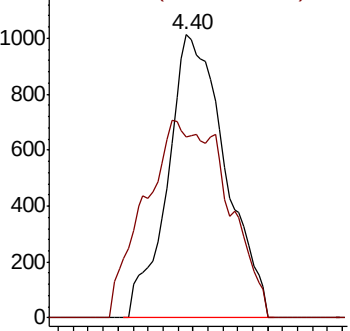
#25

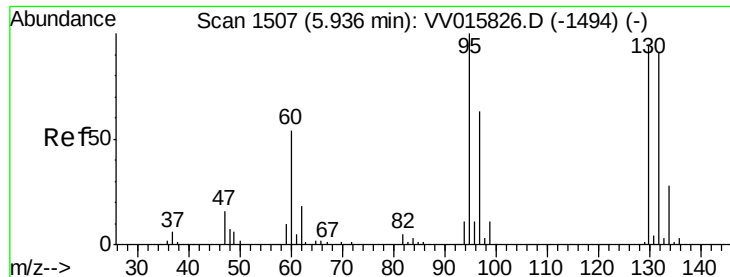
Chloroform
Concen: 0.161 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VV015838.D
Acq: 30 Apr 2020 17:00

Tgt Ion: 83 Resp: 2721
Ion Ratio Lower Upper
83 100
85 63.8 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 1.784 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015838.D

Acq: 30 Apr 2020 17:00

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 16675

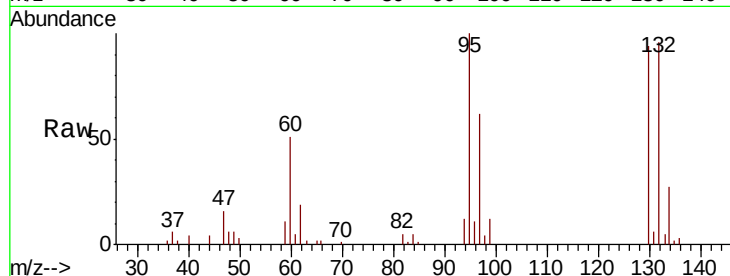
Ion Ratio Lower Upper

95 100

97 61.6 44.7 82.9

132 95.8 65.2 121.0

130 94.2 65.0 120.6



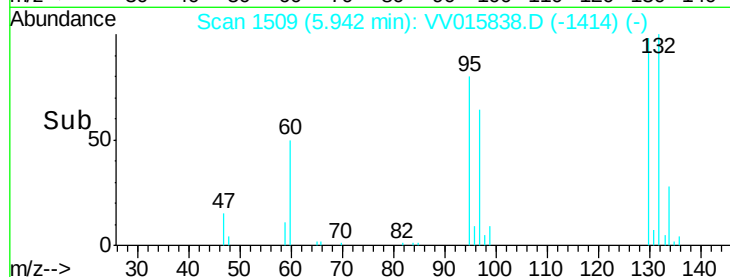
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

Time-->



Abundance

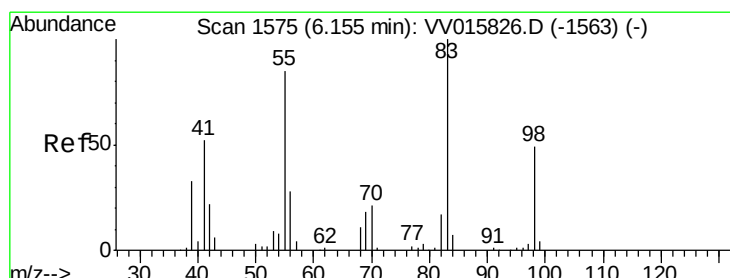
Ion 95.00 (94.70 to 95.70): VV0

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

Time-->



#35

Methylcyclohexane

Concen: 0.787 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015838.D

Acq: 30 Apr 2020 17:00

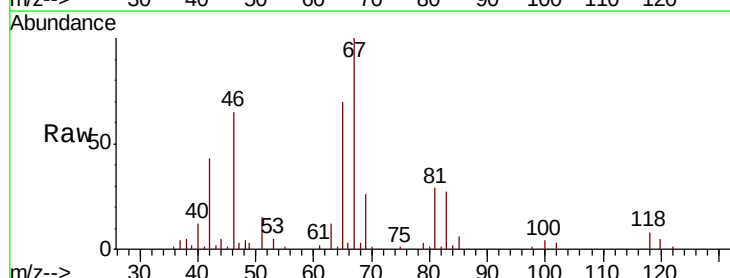
Tgt Ion: 83 Resp: 11295

Ion Ratio Lower Upper

83 100

55 1.3 66.6 99.8#

98 0.6 39.5 59.3#

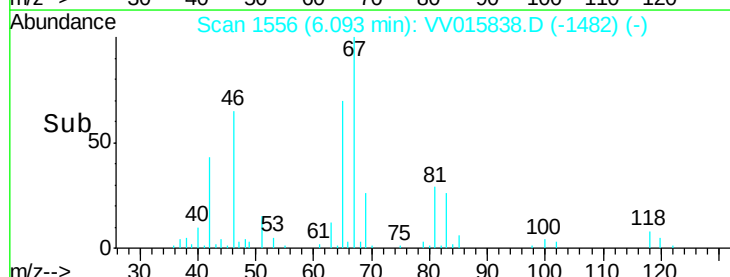


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

Time-->



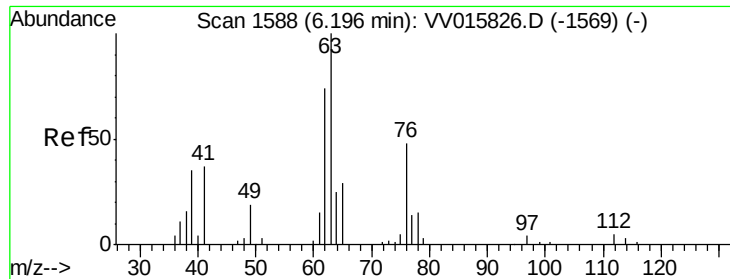
Abundance

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

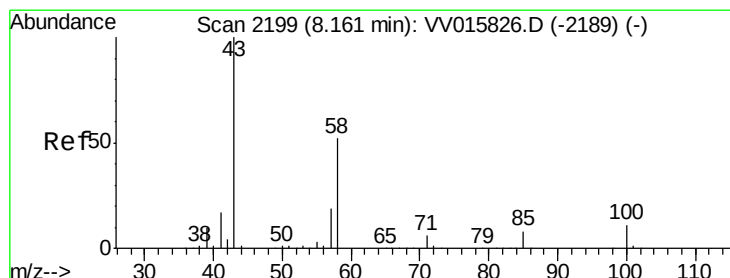
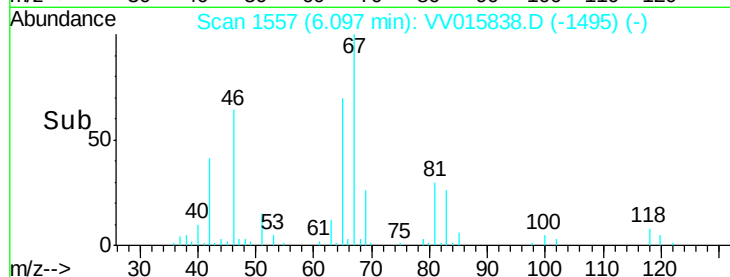
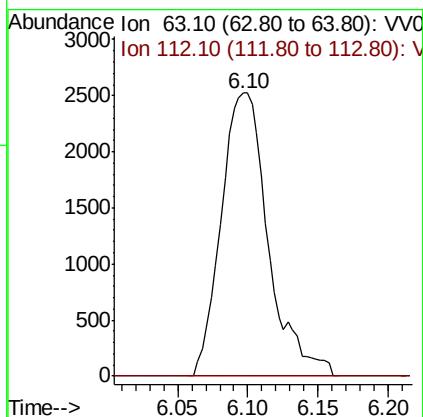
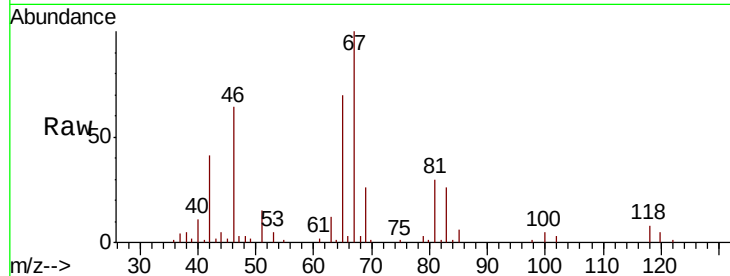
Time-->



#37
 1,2-Dichloropropane
 Concen: 0.684 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015838.D
 Acq: 30 Apr 2020 17:00

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 5881
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#48
 2-Hexanone
 Concen: 1.309 ug/L
 RT: 8.17 min Scan# 2203
 Delta R.T. 0.01 min
 Lab File: VV015838.D
 Acq: 30 Apr 2020 17:00

Tgt Ion: 43 Resp: 5214
 Ion Ratio Lower Upper
 43 100
 58 50.9 41.1 61.7
 57 2.9 15.0 22.4#
 100 7.2 9.0 13.4#

