

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
 Data File : VV015852.D
 Acq On : 01 May 2020 12:08
 Operator : SY/MD
 Sample : VV0501WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:08:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 02 00:06:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	119097	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	117662	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53875	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31158	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.58	69	29414	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.12	63	46428	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.97	46	92869	46.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.94%
24) Chloroform-d	4.38	84	64229	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.06	65	39453	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.08	84	125590	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.10	67	39966	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.34	98	109617	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	7.65	79	13450	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.12	63	61863	36.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28207	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	40576	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

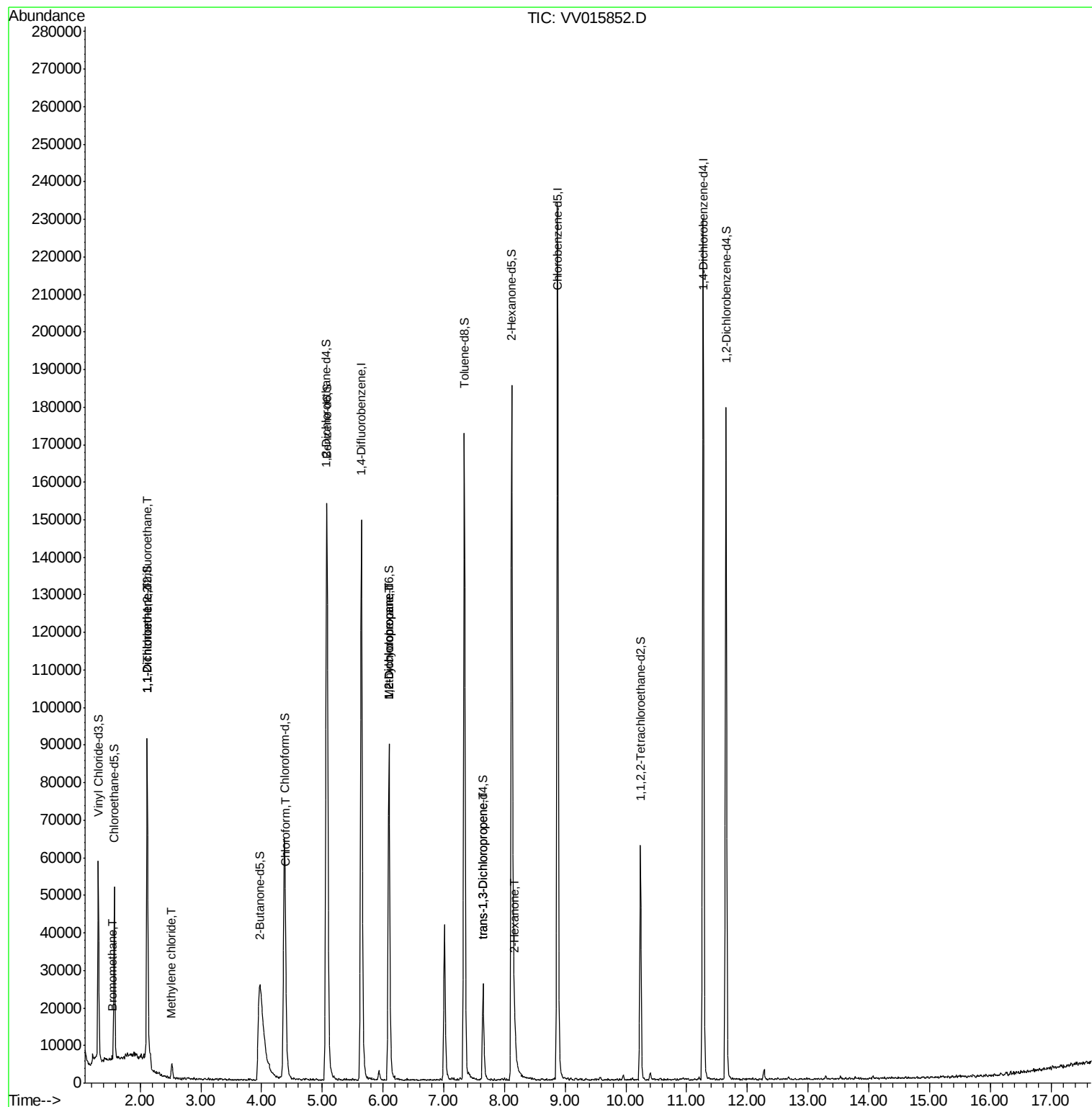
					Ovalue
6) Bromomethane	1.53	94	346	0.085 ug/L #	60
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	536	0.072 ug/L #	32
12) 1,1-Dichloroethene	2.12	96	494	0.071 ug/L #	1
16) Methylene chloride	2.52	84	1439	0.168 ug/L	91
25) Chloroform	4.40	83	4765	0.295 ug/L	96
35) Methylcyclohexane	6.10	83	10096	0.709 ug/L #	19
37) 1,2-Dichloropropane	6.10	63	5201	0.609 ug/L #	86
44) trans-1,3-Dichloropropene	7.65	75	782	0.078 ug/L #	76
48) 2-Hexanone	8.17	43	5854	1.480 ug/L #	86

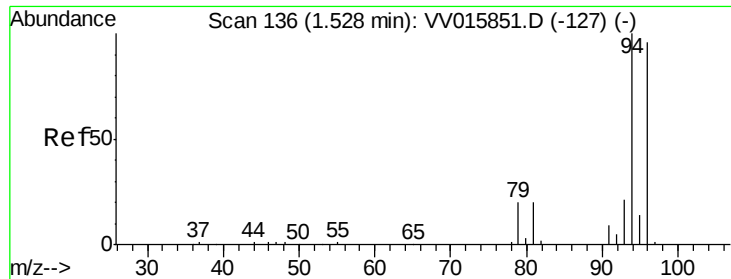
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 02 00:08:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 02 00:06:27 2020
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.085 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.01 min

Lab File: VV015852.D

Acq: 01 May 2020 12:08

Instrument :

MSVOA_V

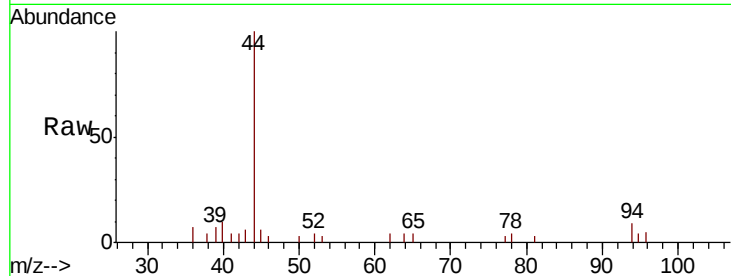
ClientSampleId :

Tot Ion: 94 Resp: 346

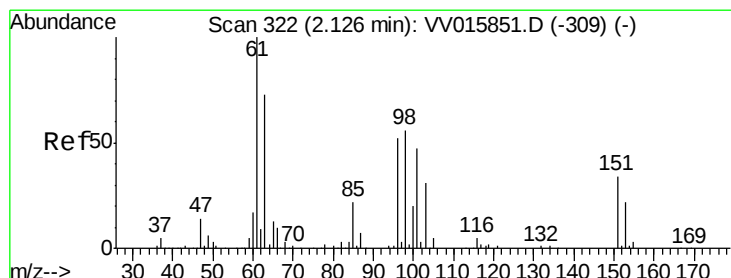
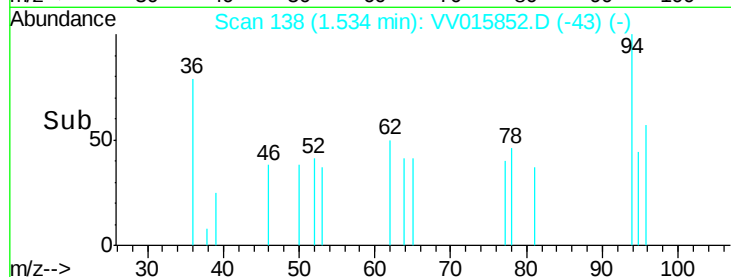
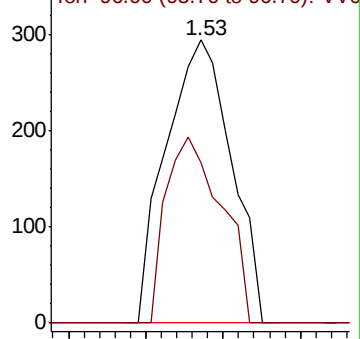
Ion Ratio Lower Upper

94 100

96 56.8 67.3 125.1#



Abundance Ion 94.00 (93.70 to 94.70): VV015852.D (-127) (-)



#10

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

Concen: 0.072 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015852.D

Acq: 01 May 2020 12:08

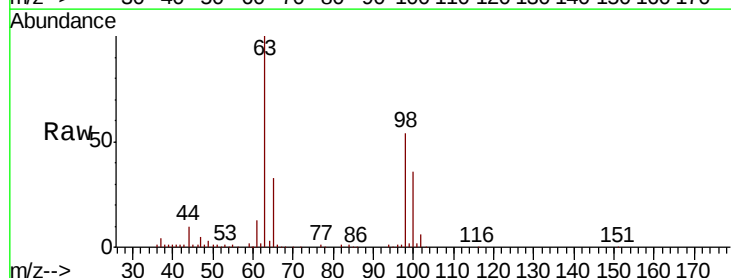
Tgt Ion: 101 Resp: 536

Ion Ratio Lower Upper

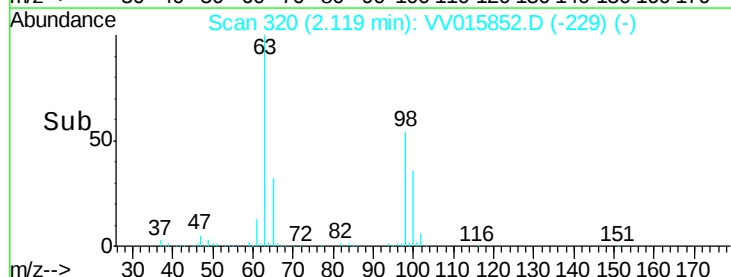
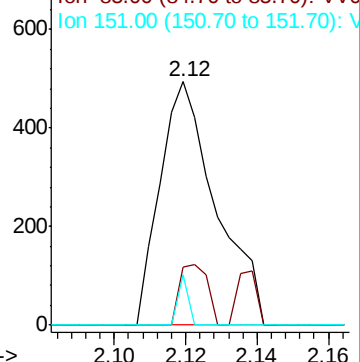
101 100

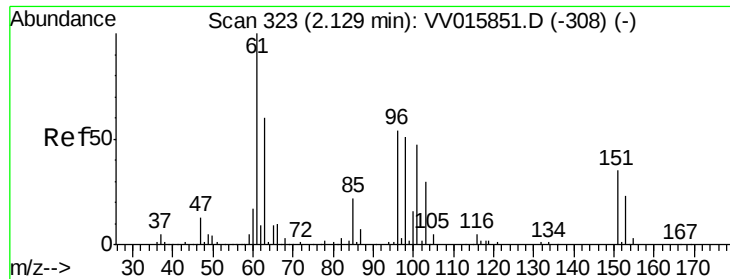
85 12.3 36.1 54.1#

151 3.7 55.2 82.8#



Abundance Ion 101.00 (100.70 to 101.70): VV015852.D (-309) (-)





#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015852.D

Acq: 01 May 2020 12:08

Instrument :

MSVOA_V

ClientSampled :

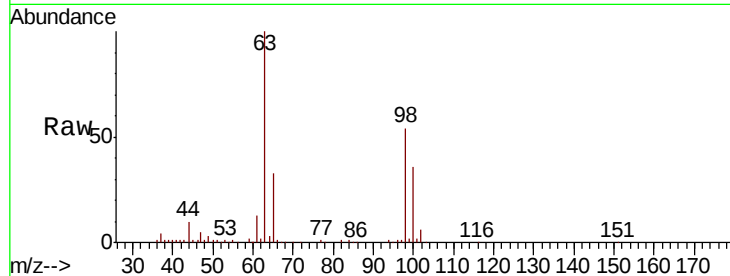
Tot Ion: 96 Resp: 494

Ion Ratio Lower Upper

96 100

61 1179.4 130.1 241.7#

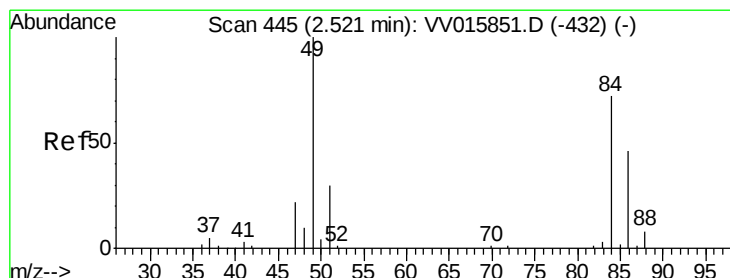
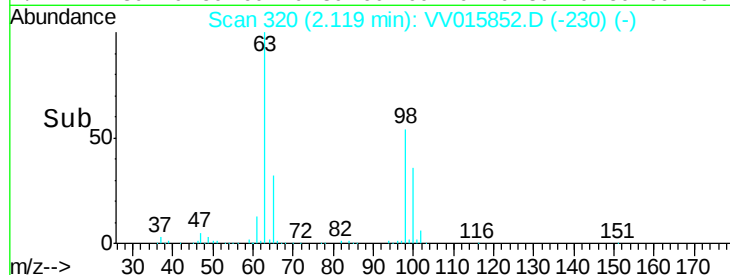
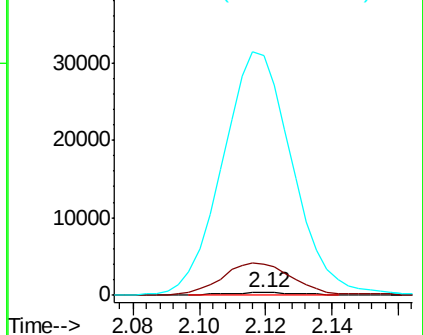
63 8950.7 91.4 169.8#



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



#16

Methylene chloride

Concen: 0.168 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV015852.D

Acq: 01 May 2020 12:08

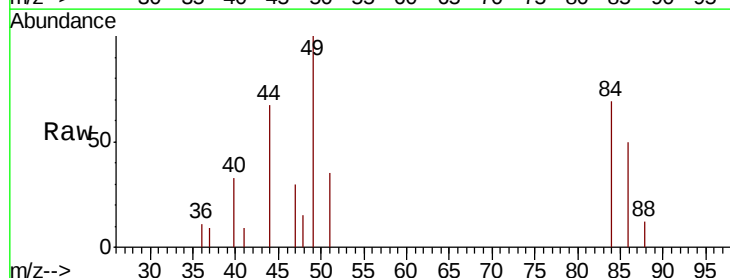
Tgt Ion: 84 Resp: 1439

Ion Ratio Lower Upper

84 100

86 71.9 45.1 83.7

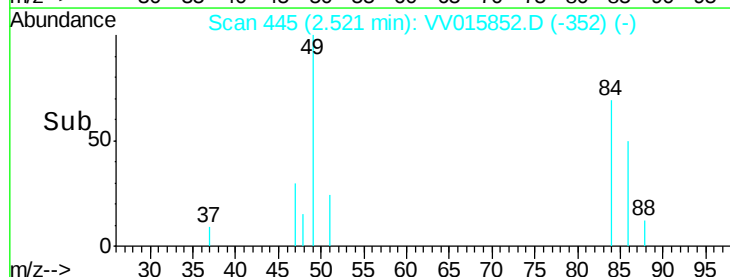
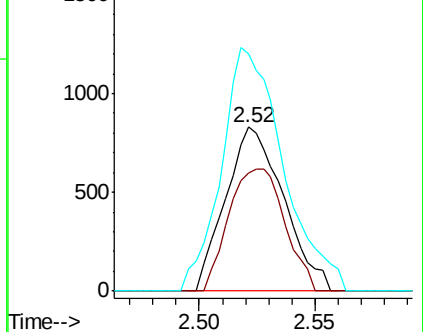
49 144.6 94.4 175.4

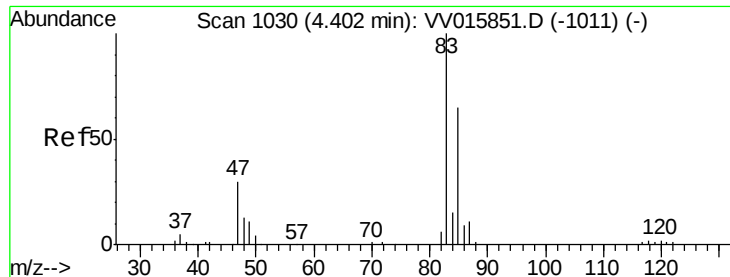


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

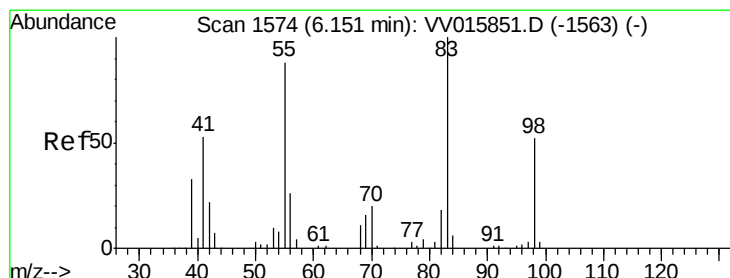
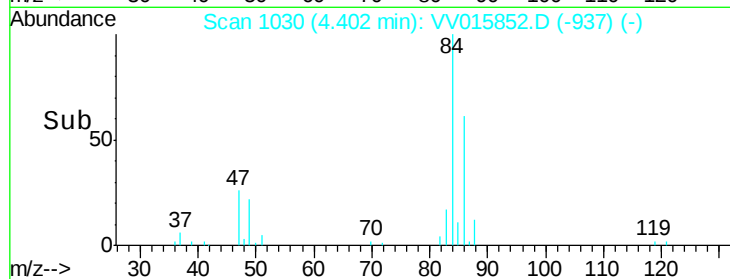
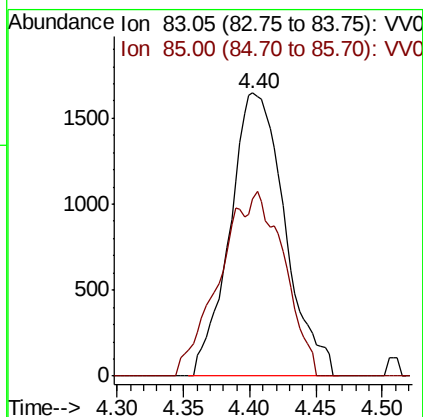
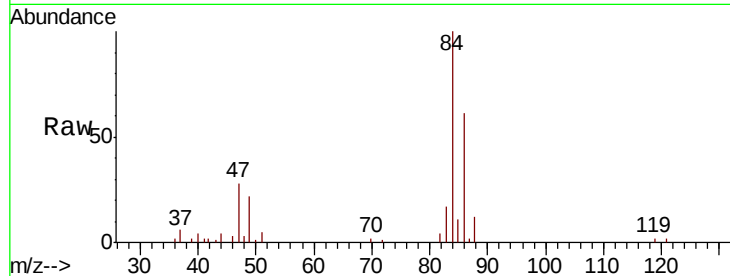




#25
Chloroform
Concen: 0.295 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015852.D
Acq: 01 May 2020 12:08

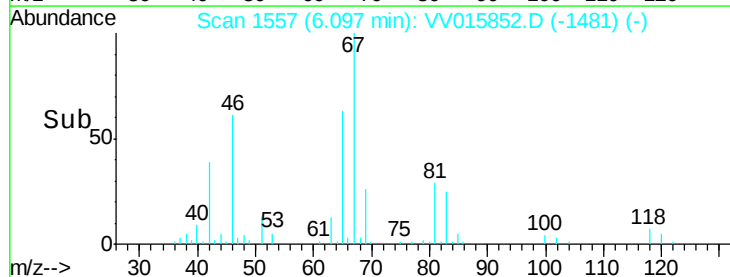
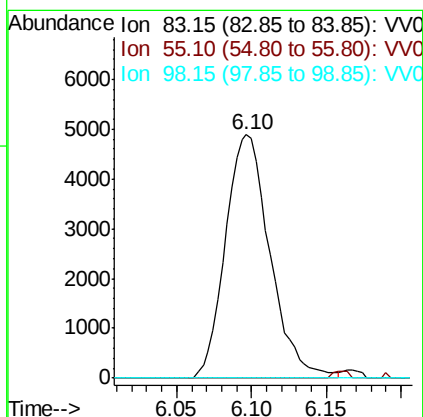
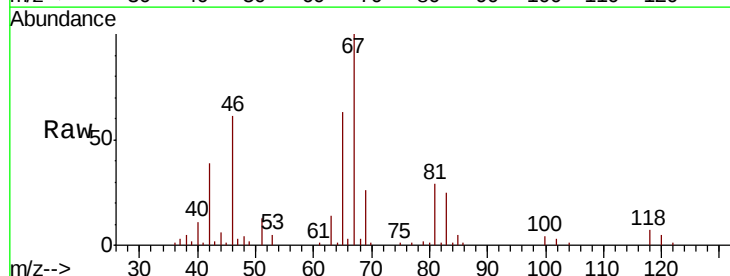
Instrument :
MSVOA_V
ClientSampleId :

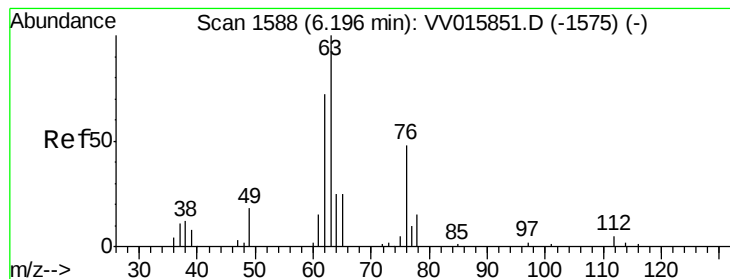
Tot Ion: 83 Resp: 4765
Ion Ratio Lower Upper
83 100
85 62.5 46.1 85.5



#35
Methylcyclohexane
Concen: 0.709 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015852.D
Acq: 01 May 2020 12:08

Tgt Ion: 83 Resp: 10096
Ion Ratio Lower Upper
83 100
55 1.0 66.6 99.8#
98 6.4 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.609 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015852.D

Acq: 01 May 2020 12:08

Instrument :

MSVOA_V

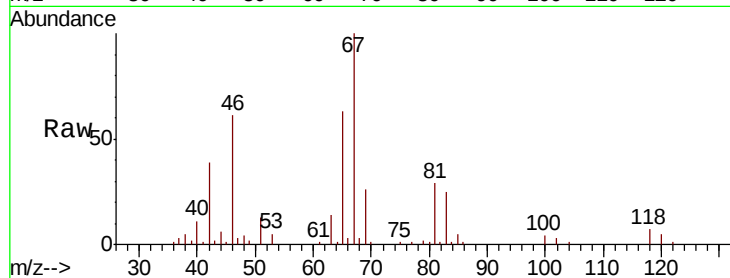
ClientSampleId :

Tot Ion: 63 Resp: 5201

Ion Ratio Lower Upper

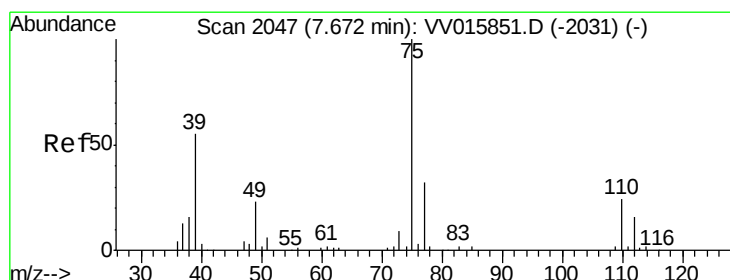
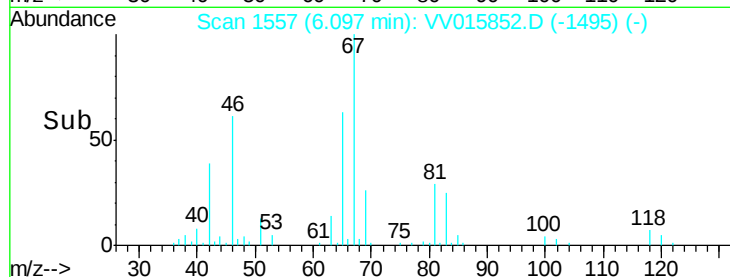
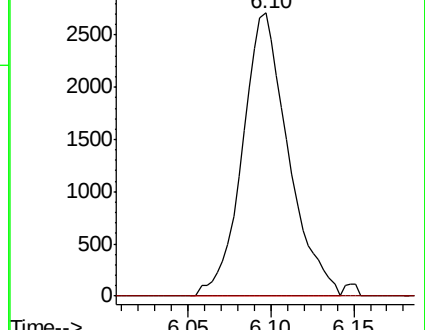
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV015851.D (-1575) (-)

Ion 112.10 (111.80 to 112.80): VV015851.D (-1575) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.02 min

Lab File: VV015852.D

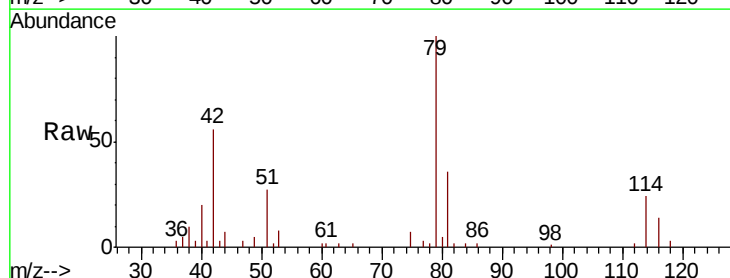
Acq: 01 May 2020 12:08

Tgt Ion: 75 Resp: 782

Ion Ratio Lower Upper

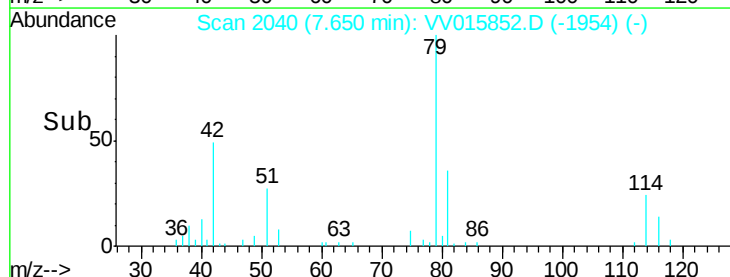
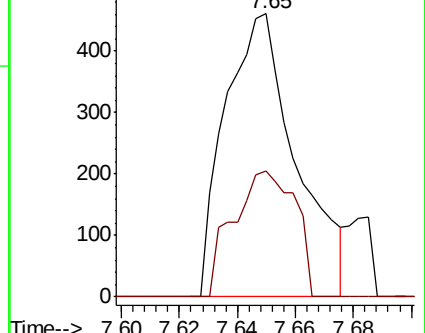
75 100

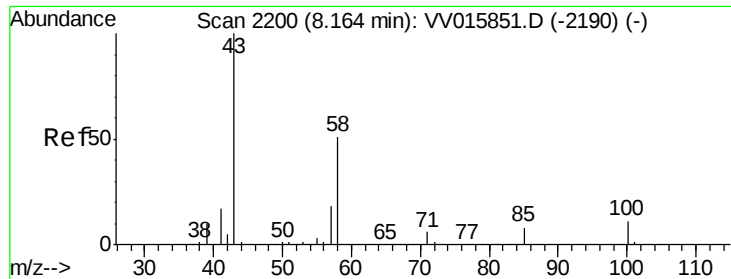
77 44.5 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV015851.D (-2031) (-)

Ion 77.05 (76.75 to 77.75): VV015851.D (-2031) (-)





#48

2-Hexanone

Concen: 1.480 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV015852.D

Acq: 01 May 2020 12:08

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5854

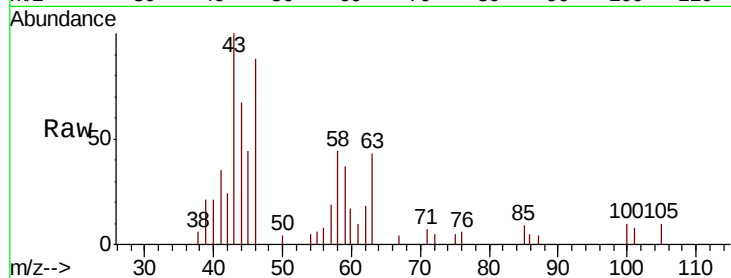
Ion Ratio Lower Upper

43 100

58 46.3 41.1 61.7

57 2.5 15.0 22.4#

100 7.5 9.0 13.4#



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

