

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
 Data File : VV015856.D
 Acq On : 01 May 2020 13:47
 Operator : SY/MD
 Sample : VIBLK45
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:09:47 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	125105	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122974	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57950	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32916	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.58	69	29572	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.12	63	49402	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.97	46	100212	47.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.48%
24) Chloroform-d	4.38	84	66658	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.06	65	40151	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.08	84	132797	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.10	67	42327	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.34	98	118239	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	7.65	79	14528	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.12	63	69040	39.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29460	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	44331	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

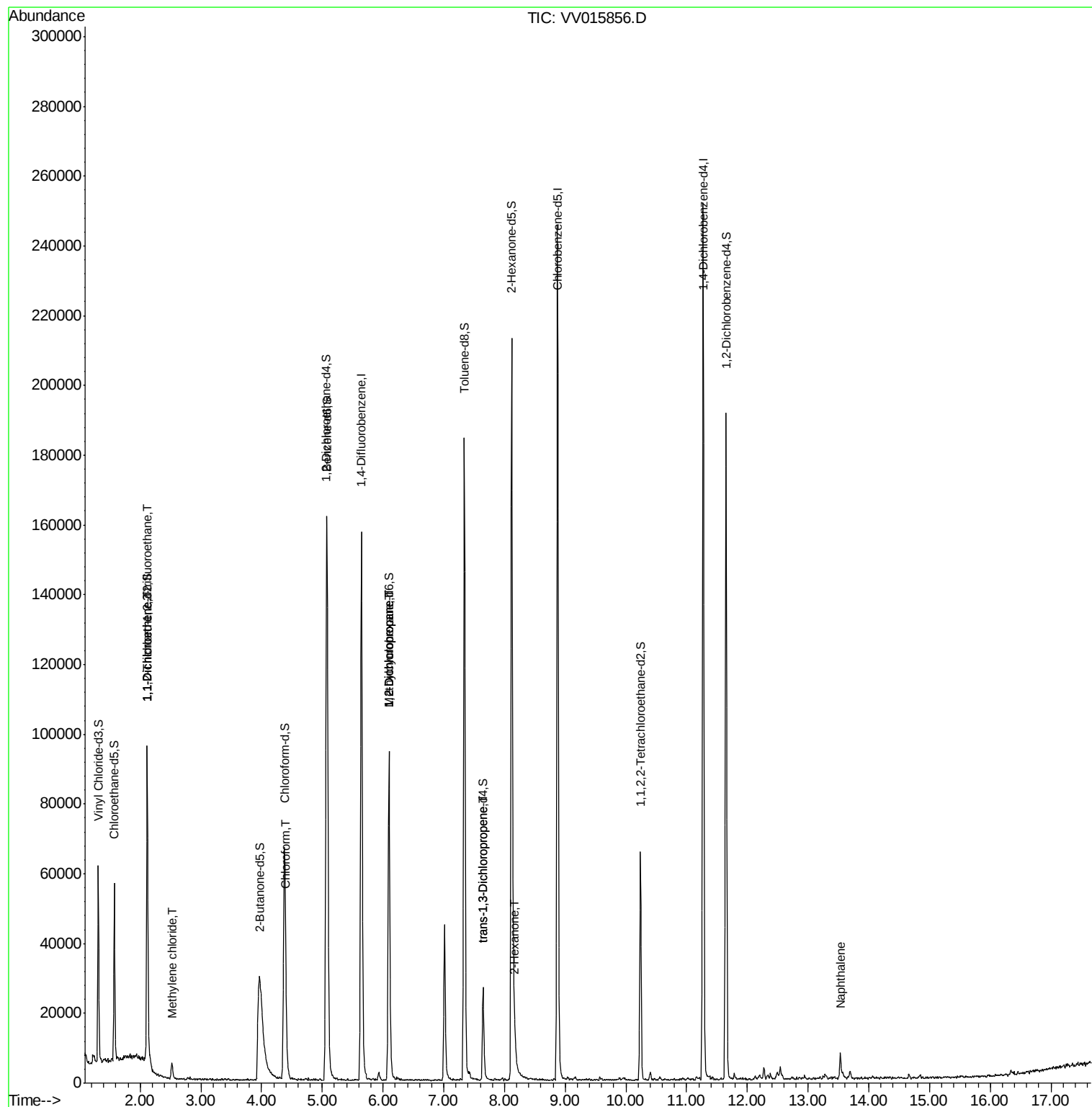
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	565	0.072 ug/L #	26
12) 1,1-Dichloroethene	2.12	96	571	0.078 ug/L #	1
16) Methylene chloride	2.52	84	1742	0.194 ug/L	88
25) Chloroform	4.41	83	5214	0.307 ug/L	86
35) Methylcyclohexane	6.10	83	10340	0.694 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5467	0.612 ug/L #	86
44) trans-1,3-Dichloropropene	7.65	75	786	0.075 ug/L	89
48) 2-Hexanone	8.18	43	6008	1.454 ug/L #	96
69) Naphthalene	13.53	128	5148	0.231 ug/L	98

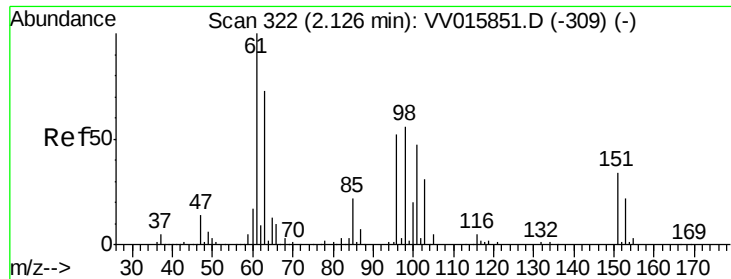
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050120\
Data File : VV015856.D
Acq On : 01 May 2020 13:47
Operator : SY/MD
Sample : VIBLK45
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 02 00:09:47 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





#10

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

Concen: 0.072 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015856.D

Acq: 01 May 2020 13:47

Instrument :

MSVOA_V

ClientSampleId :

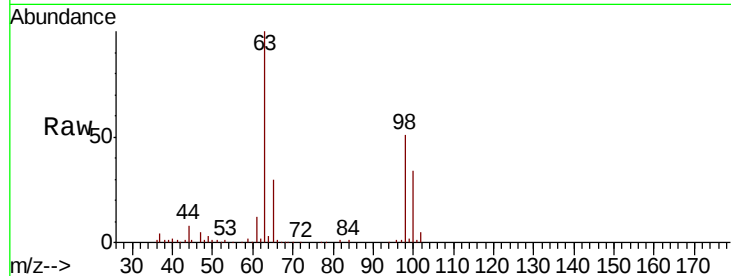
Tot Ion:101 Resp: 565

Ion Ratio Lower Upper

101 100

85 7.1 36.1 54.1#

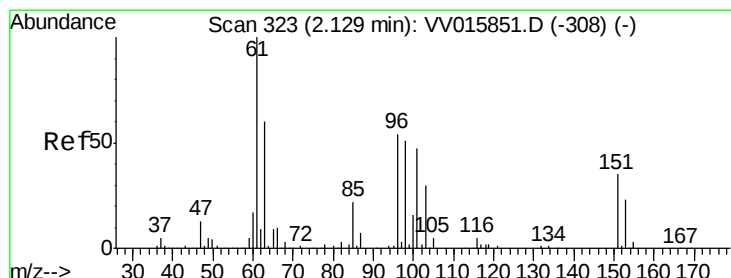
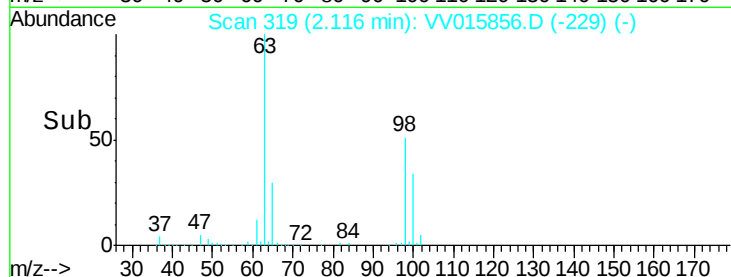
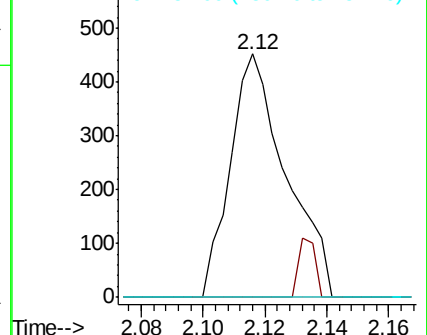
151 0.0 55.2 82.8#



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: 0.078 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015856.D

Acq: 01 May 2020 13:47

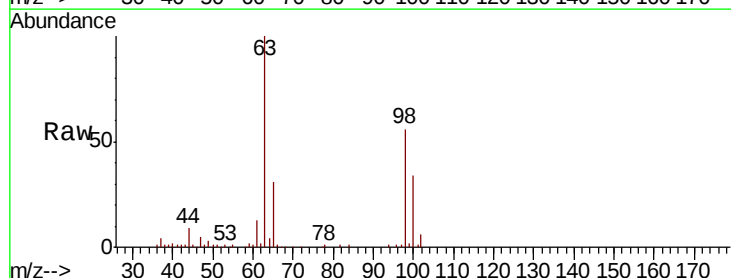
Tgt Ion: 96 Resp: 571

Ion Ratio Lower Upper

96 100

61 1048.5 130.1 241.7#

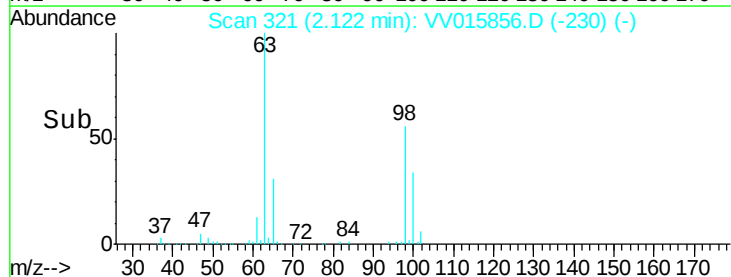
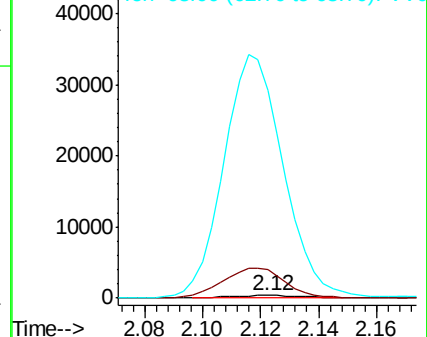
63 7814.4 91.4 169.8#

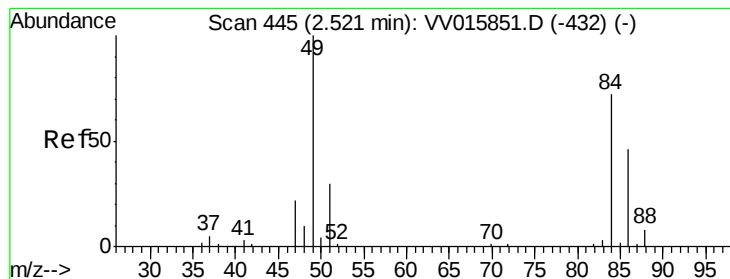


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#16

Methvlene chloride

Concen: 0.194 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV015856.D

Acq: 01 May 2020 13:47

Instrument :

MSVOA_V

ClientSampleId :

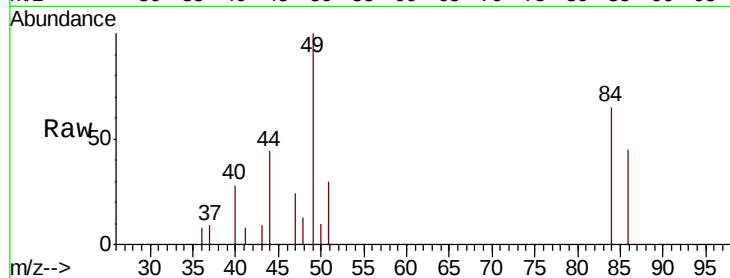
Tot Ion: 84 Resp: 1742

Ion Ratio Lower Upper

84 100

86 68.3 45.1 83.7

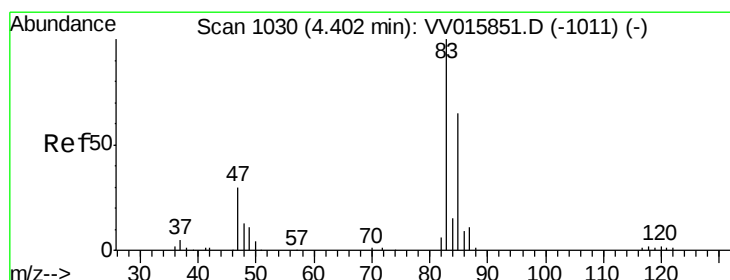
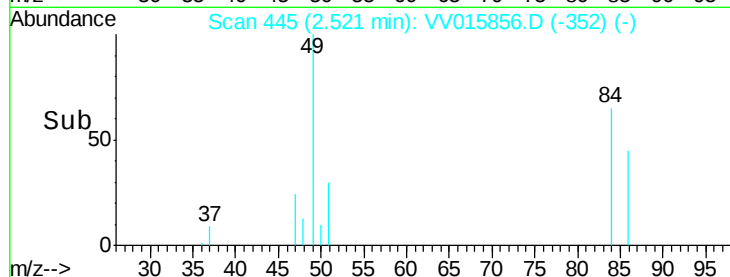
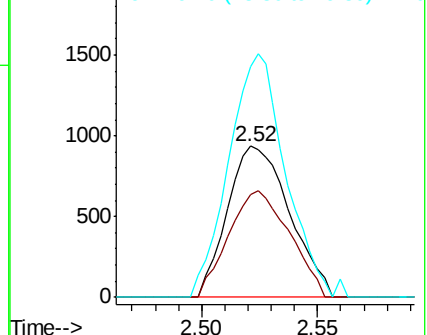
49 153.0 94.4 175.4



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: 0.307 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015856.D

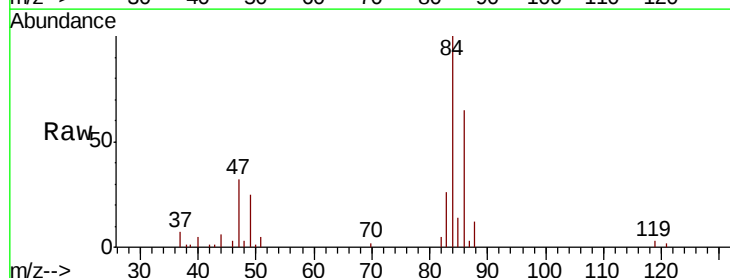
Acq: 01 May 2020 13:47

Tgt Ion: 83 Resp: 5214

Ion Ratio Lower Upper

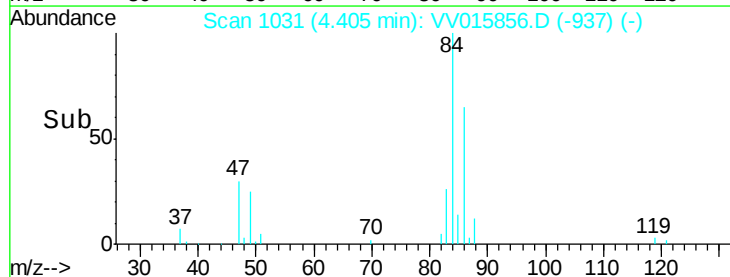
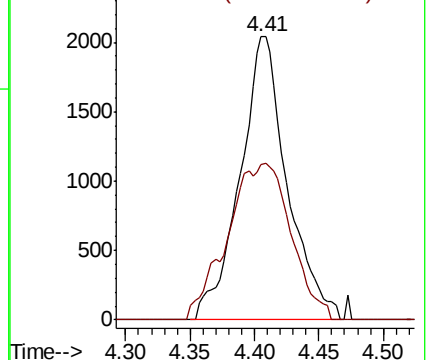
83 100

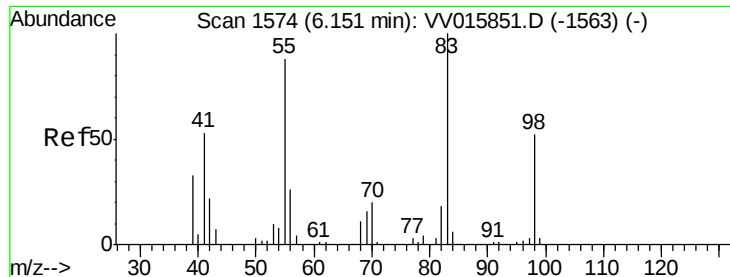
85 55.1 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

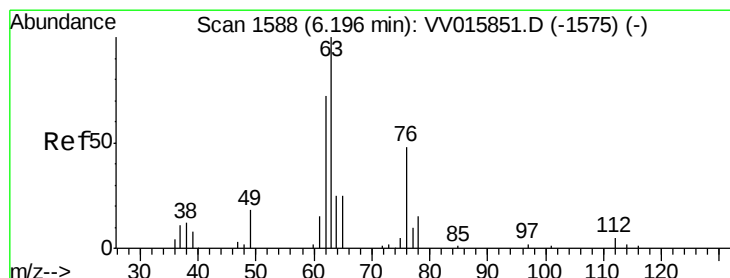
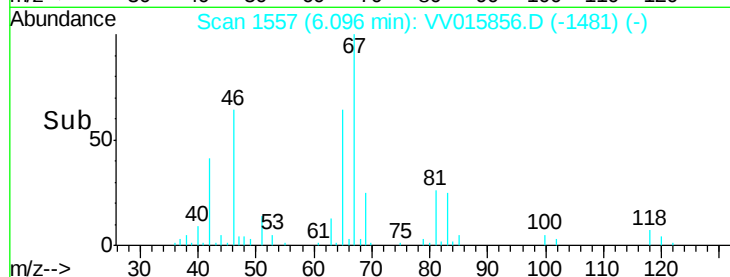
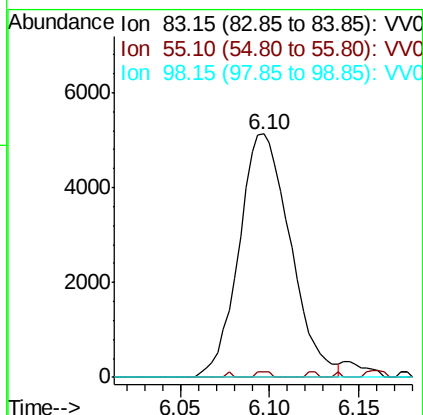
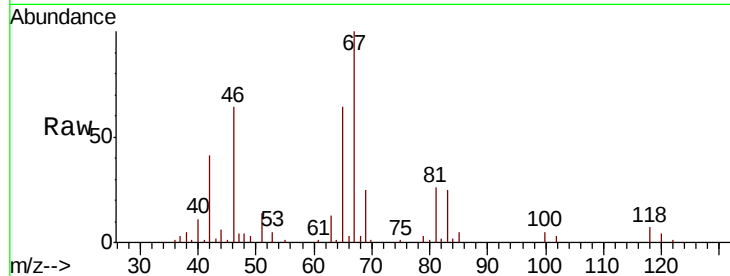




#35
Methvlcvclohexane
Concen: 0.694 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015856.D
Acq: 01 May 2020 13:47

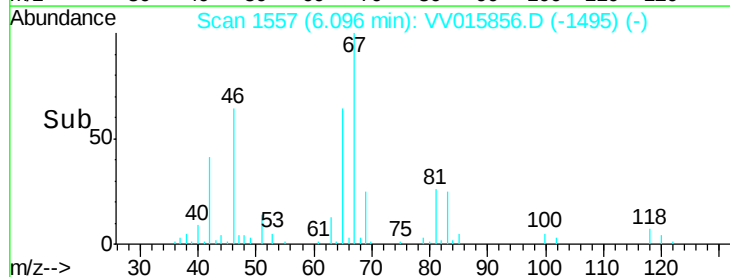
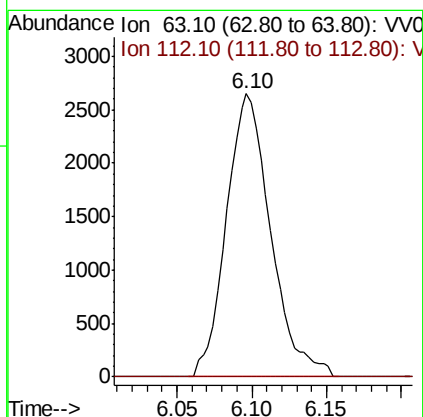
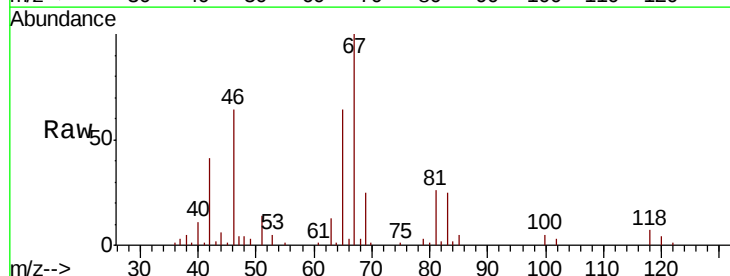
Instrument :
MSVOA_V
ClientSampleId :

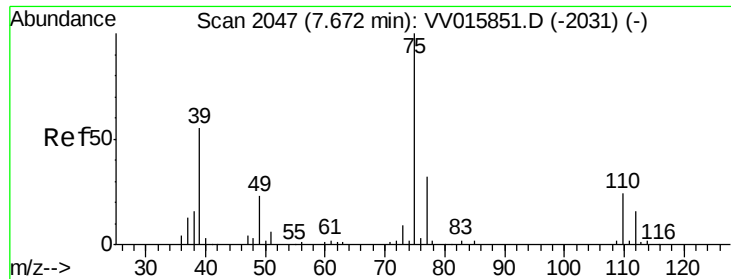
Tot Ion: 83 Resp: 10340
Ion Ratio Lower Upper
83 100
55 0.6 66.6 99.8#
98 0.0 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.612 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015856.D
Acq: 01 May 2020 13:47

Tgt Ion: 63 Resp: 5467
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.65 min Scan# 2041

Delta R.T. -0.02 min

Lab File: VV015856.D

Acq: 01 May 2020 13:47

Instrument :

MSVOA_V

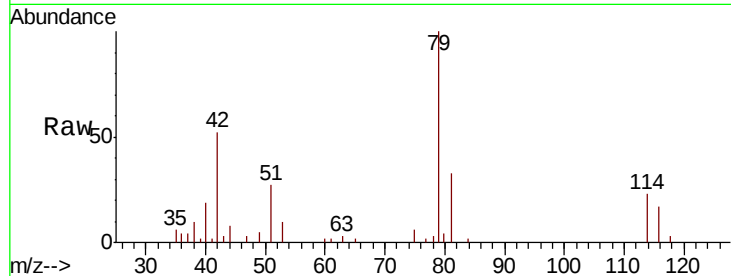
ClientSampleId :

Tot Ion: 75 Resp: 786

Ion Ratio Lower Upper

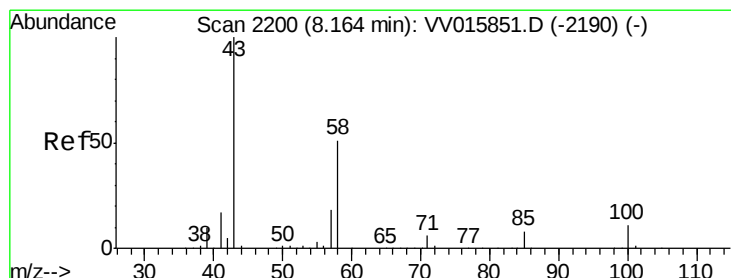
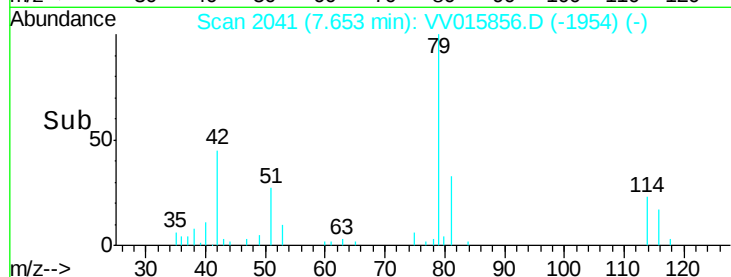
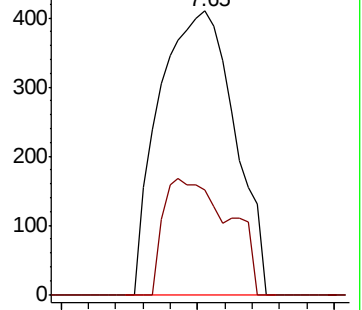
75 100

77 37.1 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 1.454 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. 0.01 min

Lab File: VV015856.D

Acq: 01 May 2020 13:47

Tgt Ion: 43 Resp: 6008

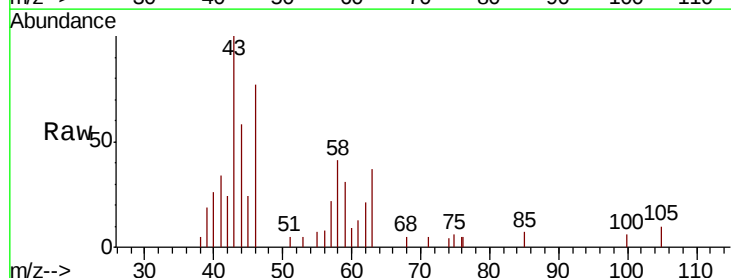
Ion Ratio Lower Upper

43 100

58 52.6 41.1 61.7

57 21.0 15.0 22.4

100 5.1 9.0 13.4#

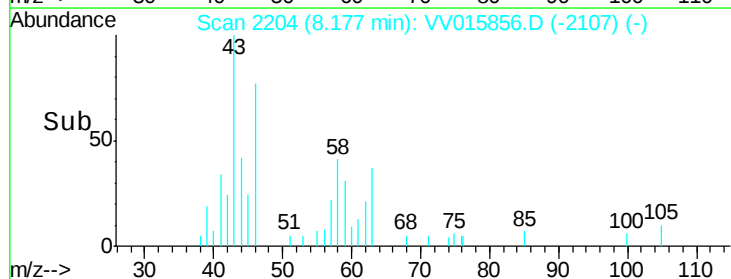
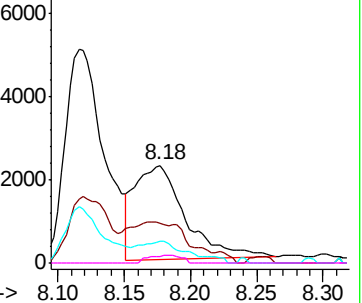


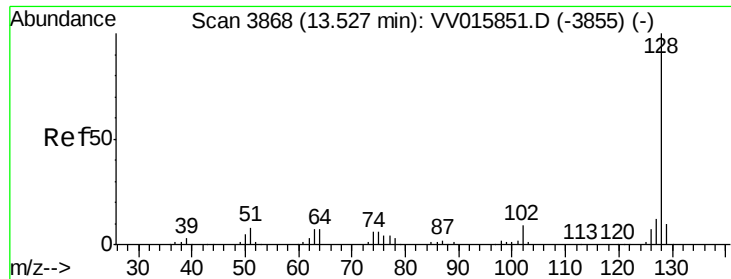
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#69

Naphthalene

Concen: 0.231 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

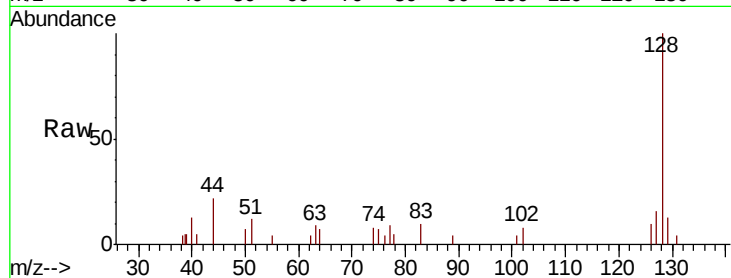
Lab File: VV015856.D

Acq: 01 May 2020 13:47

Instrument :

MSVOA_V

ClientSampleId :



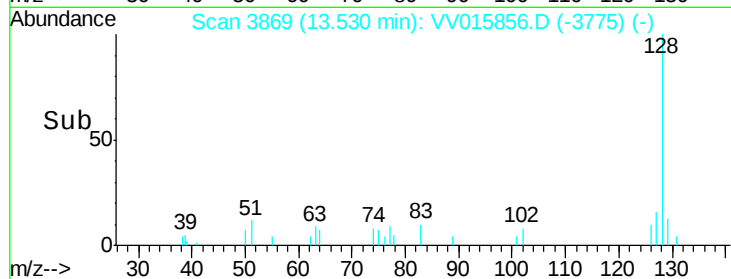
Tot Ion:128 Resp: 5148

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 11.8 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

