

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015784.D
 Acq On : 29 Apr 2020 11:54
 Operator : SY/MD
 Sample : L2370-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Apr 30 01:37:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	128106	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122379	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	55913	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37851	5.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.00%
7) Chloroethane-d5	1.58	69	32747	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.12	63	54513	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.96	46	88471	41.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.32%
24) Chloroform-d	4.38	84	62420	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.06	65	40853	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.08	84	137589	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.10	67	43439	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.34	98	120040	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.65	79	14277	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.12	63	63201	35.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27683	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	43833	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

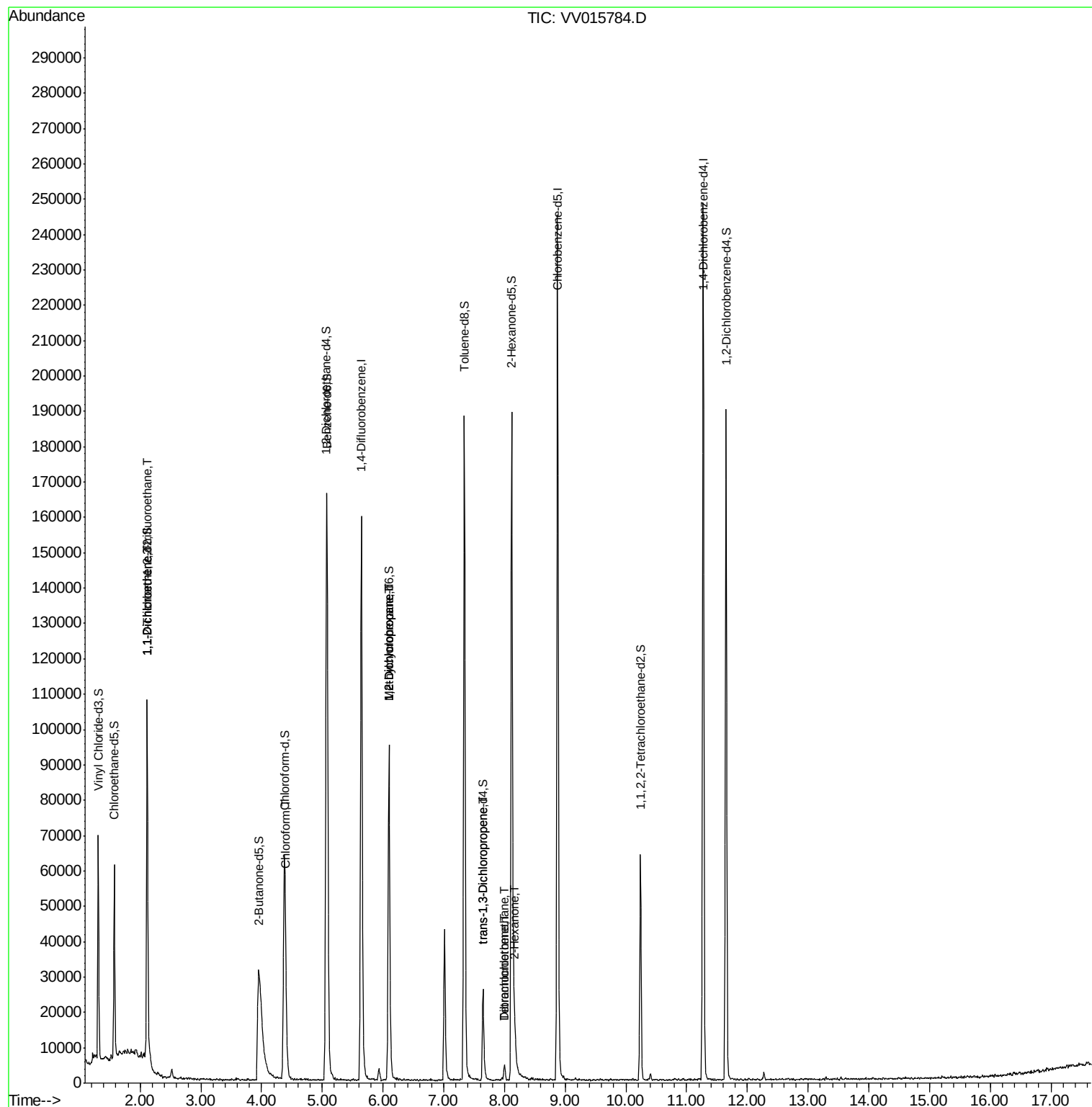
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	677	0.084	ug/L #	25
12) 1,1-Dichloroethene	2.12	96	624	0.084	ug/L #	1
25) Chloroform	4.40	83	8773	0.504	ug/L	99
35) Methylcyclohexane	6.10	83	10073	0.680	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5378	0.605	ug/L #	86
44) trans-1,3-Dichloropropene	7.65	75	821	0.079	ug/L	89
47) Tetrachloroethene	8.00	164	1028	0.148	ug/L	95
48) 2-Hexanone	8.17	43	7221	1.756	ug/L #	93
49) Dibromochloromethane	8.00	129	922	0.147	ug/L #	12

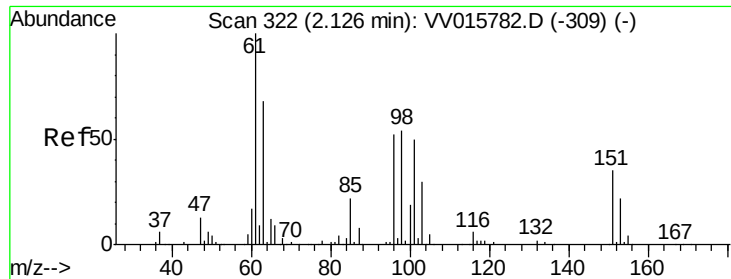
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.084 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015784.D

Acq: 29 Apr 2020 11:54

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

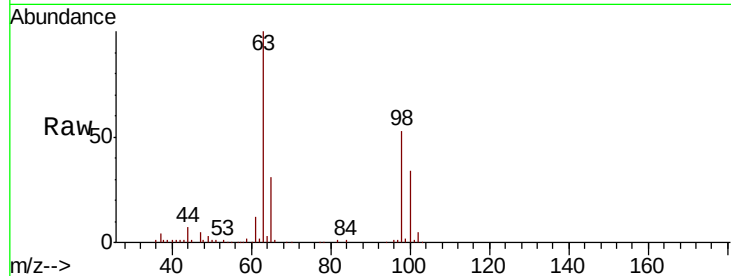
Tot Ion:101 Resp: 677

Ion Ratio Lower Upper

101 100

85 5.9 36.1 54.1#

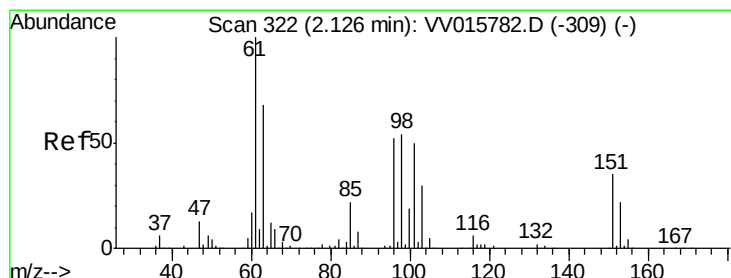
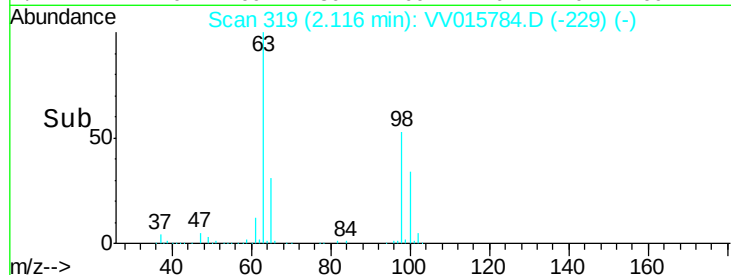
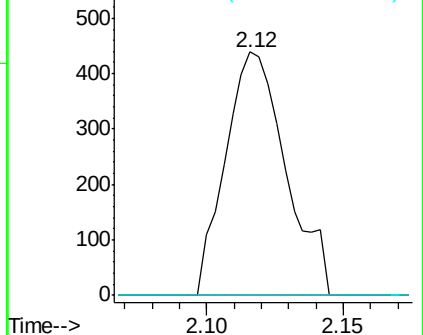
151 0.0 55.2 82.8#



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: 0.084 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV015784.D

Acq: 29 Apr 2020 11:54

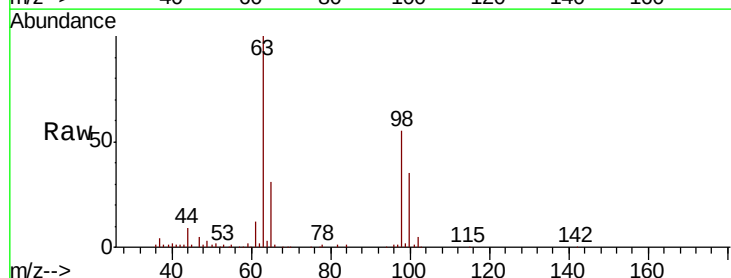
Tgt Ion: 96 Resp: 624

Ion Ratio Lower Upper

96 100

61 1104.8 130.1 241.7#

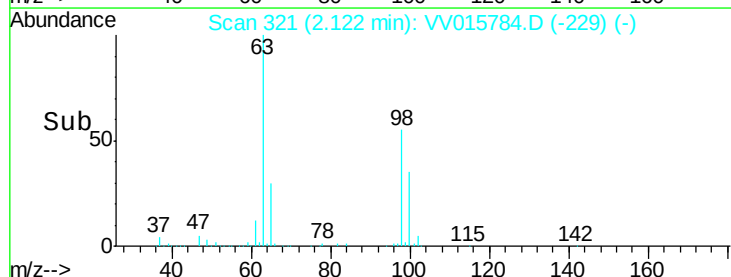
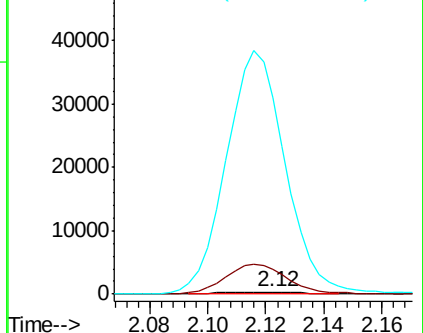
63 8841.0 91.4 169.8#

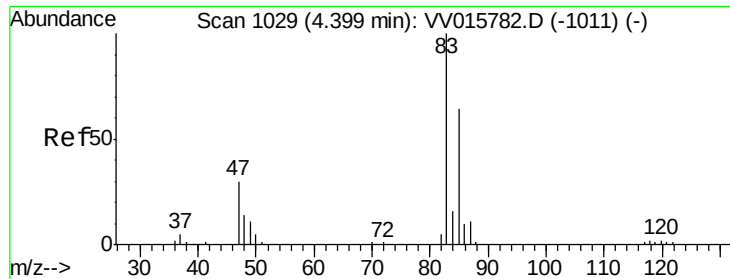


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

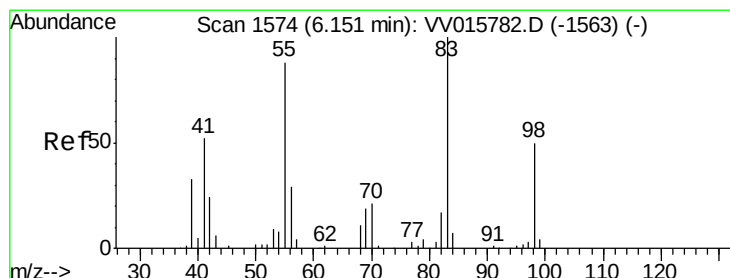
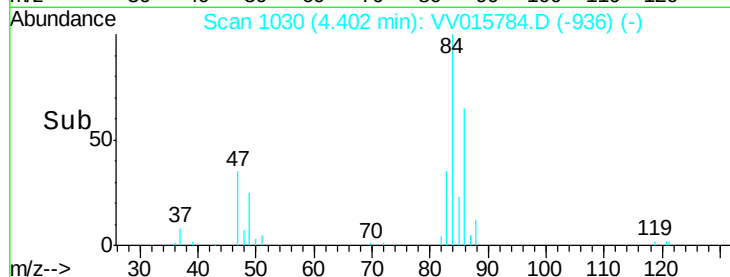
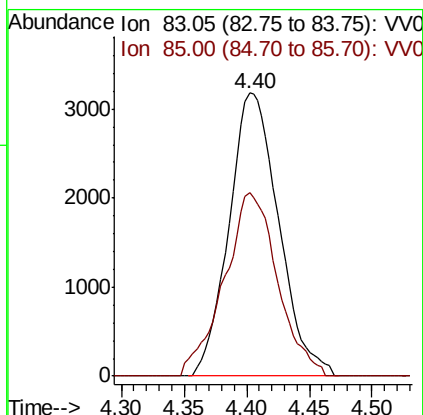
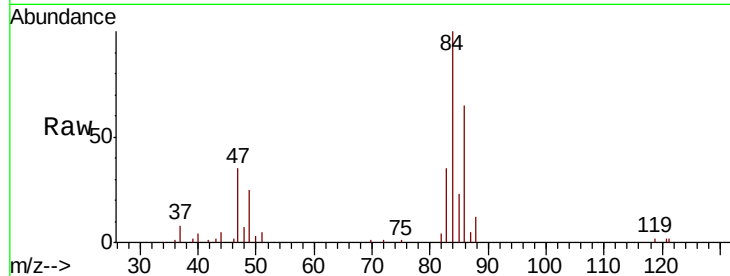




#25
Chloroform
Concen: 0.504 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015784.D
Acq: 29 Apr 2020 11:54

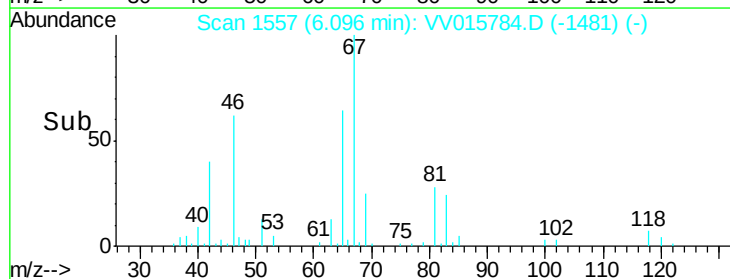
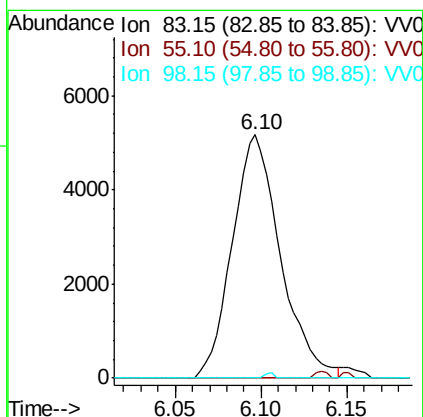
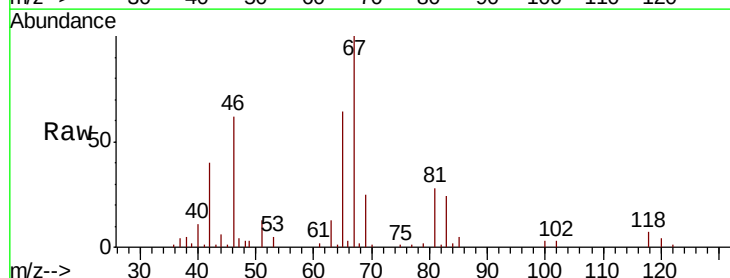
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

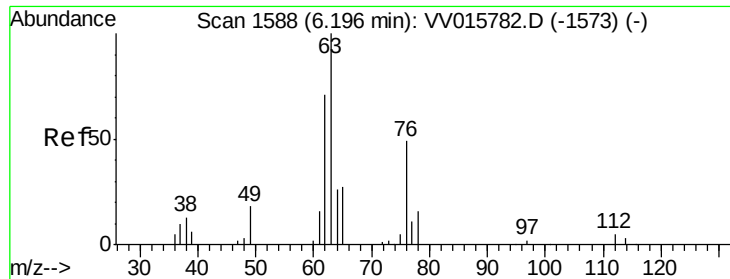
Tot Ion: 83 Resp: 8773
Ion Ratio Lower Upper
83 100
85 64.9 46.1 85.5



#35
Methylcyclohexane
Concen: 0.680 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015784.D
Acq: 29 Apr 2020 11:54

Tgt Ion: 83 Resp: 10073
Ion Ratio Lower Upper
83 100
55 0.8 66.6 99.8#
98 0.4 39.5 59.3#

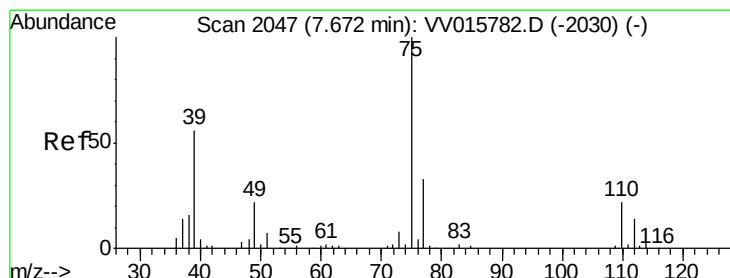
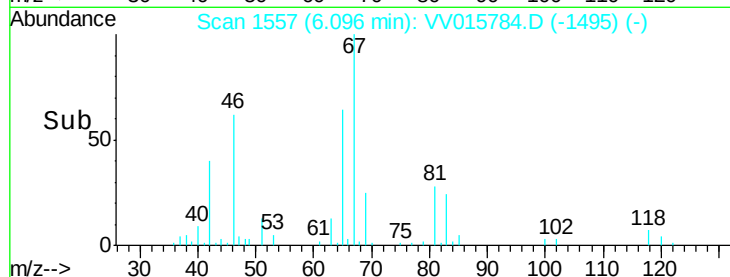
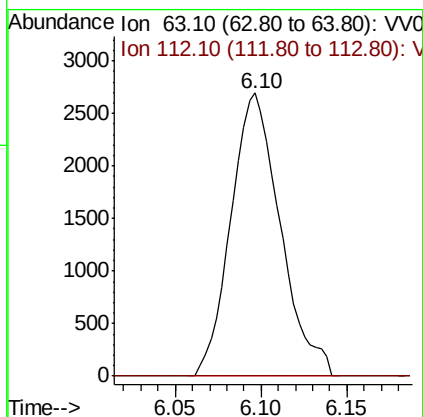
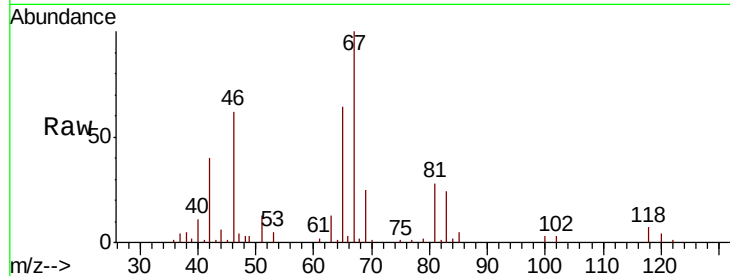




#37
 1,2-Dichloropropane
 Concen: 0.605 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015784.D
 Acq: 29 Apr 2020 11:54

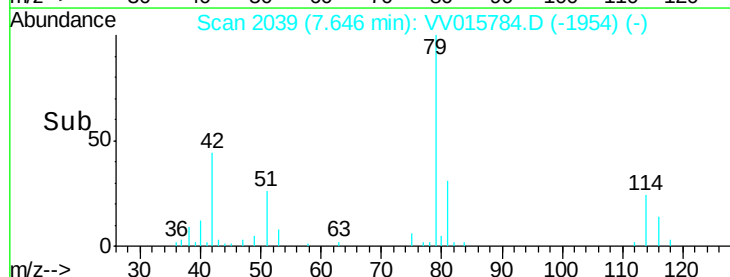
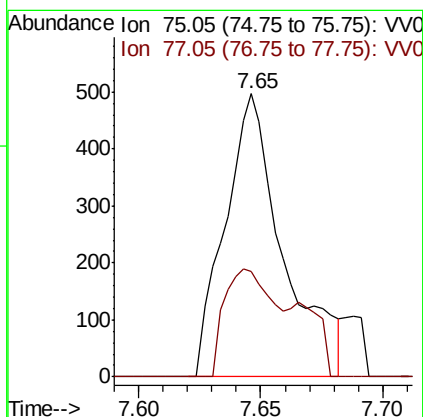
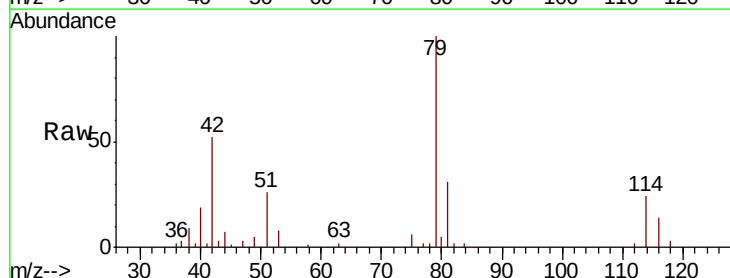
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

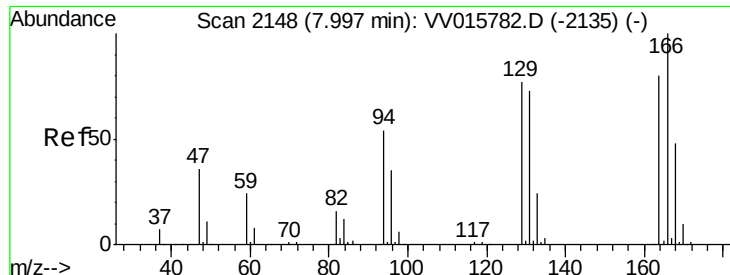
Tot Ion: 63 Resp: 5378
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV015784.D
 Acq: 29 Apr 2020 11:54

Tgt Ion: 75 Resp: 821
 Ion Ratio Lower Upper
 75 100
 77 37.4 21.8 40.6





#47

Tetrachloroethene

Concen: 0.148 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV015784.D

Acq: 29 Apr 2020 11:54

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tot Ion:164 Resp: 1028

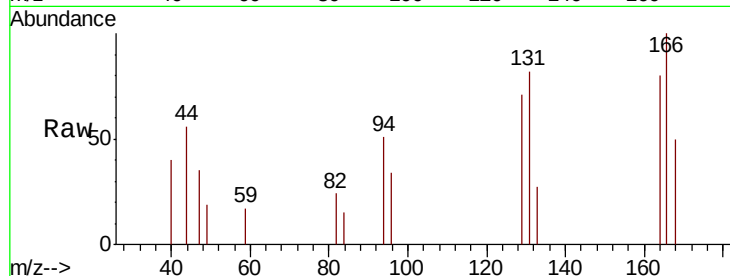
Ion Ratio Lower Upper

164 100

129 88.2 66.7 123.9

131 102.5 66.6 123.6

166 124.3 85.3 158.5

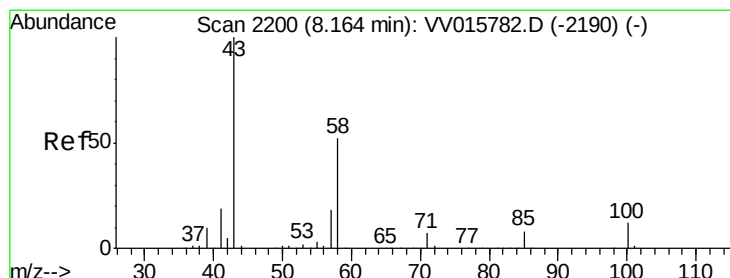
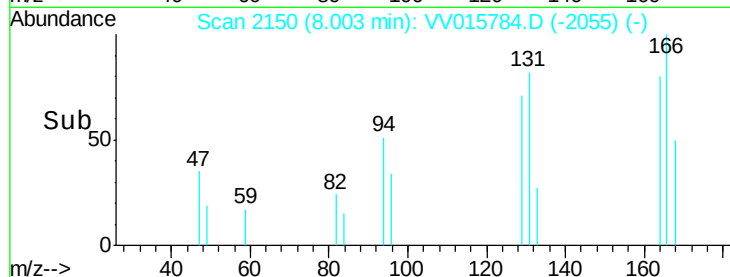
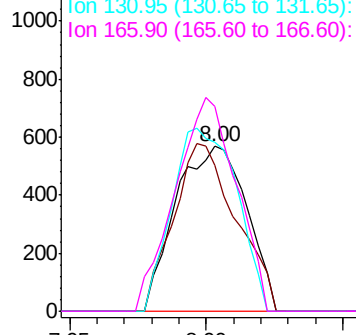


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 1.756 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV015784.D

Acq: 29 Apr 2020 11:54

Tgt Ion: 43 Resp: 7221

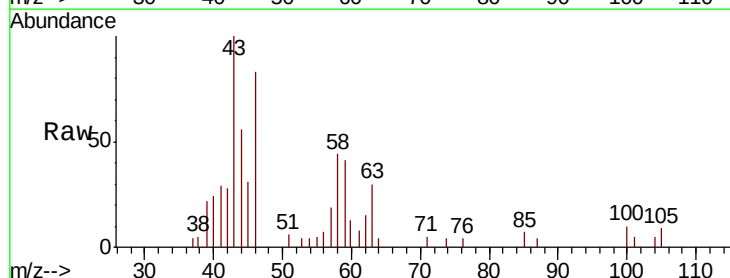
Ion Ratio Lower Upper

43 100

58 44.7 41.1 61.7

57 19.1 15.0 22.4

100 8.1 9.0 13.4#

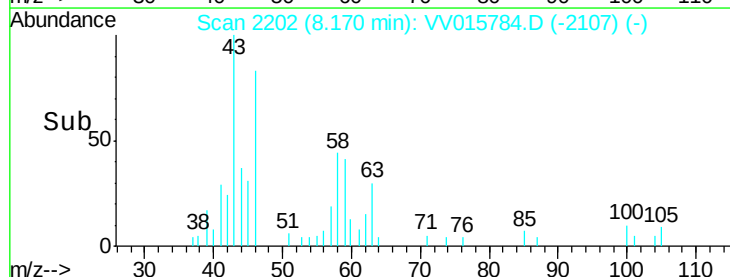
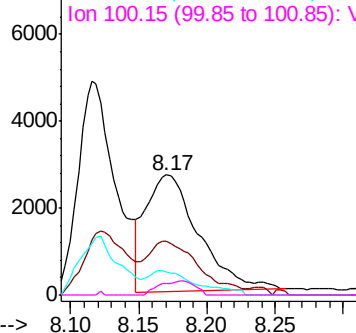


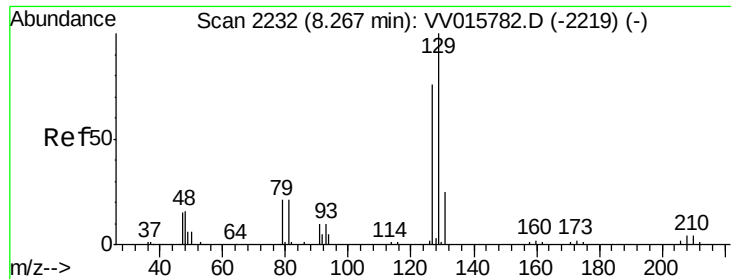
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#49

Dibromochloromethane

Concen: 0.147 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015784.D

Acq: 29 Apr 2020 11:54

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tot Ion:129 Resp: 922

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.8#

