

Data File : VV012795.D
Acq On : 15 Sep 2019 12:08
Operator : SY/MD
Sample : K4724-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 16 07:19:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 07:16:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	431772	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	428553	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	168707	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	164387	5.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.20%
7) Chloroethane-d5	1.58	69	134203	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.13	63	207572	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.80%
20) 2-Butanone-d5	3.97	46	332136	47.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.24%
24) Chloroform-d	4.40	84	275025	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.08	65	136574	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.10	84	546489	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.12	67	171383	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	437003	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.66	79	53076	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.14	63	164003	38.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96217	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	153530	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

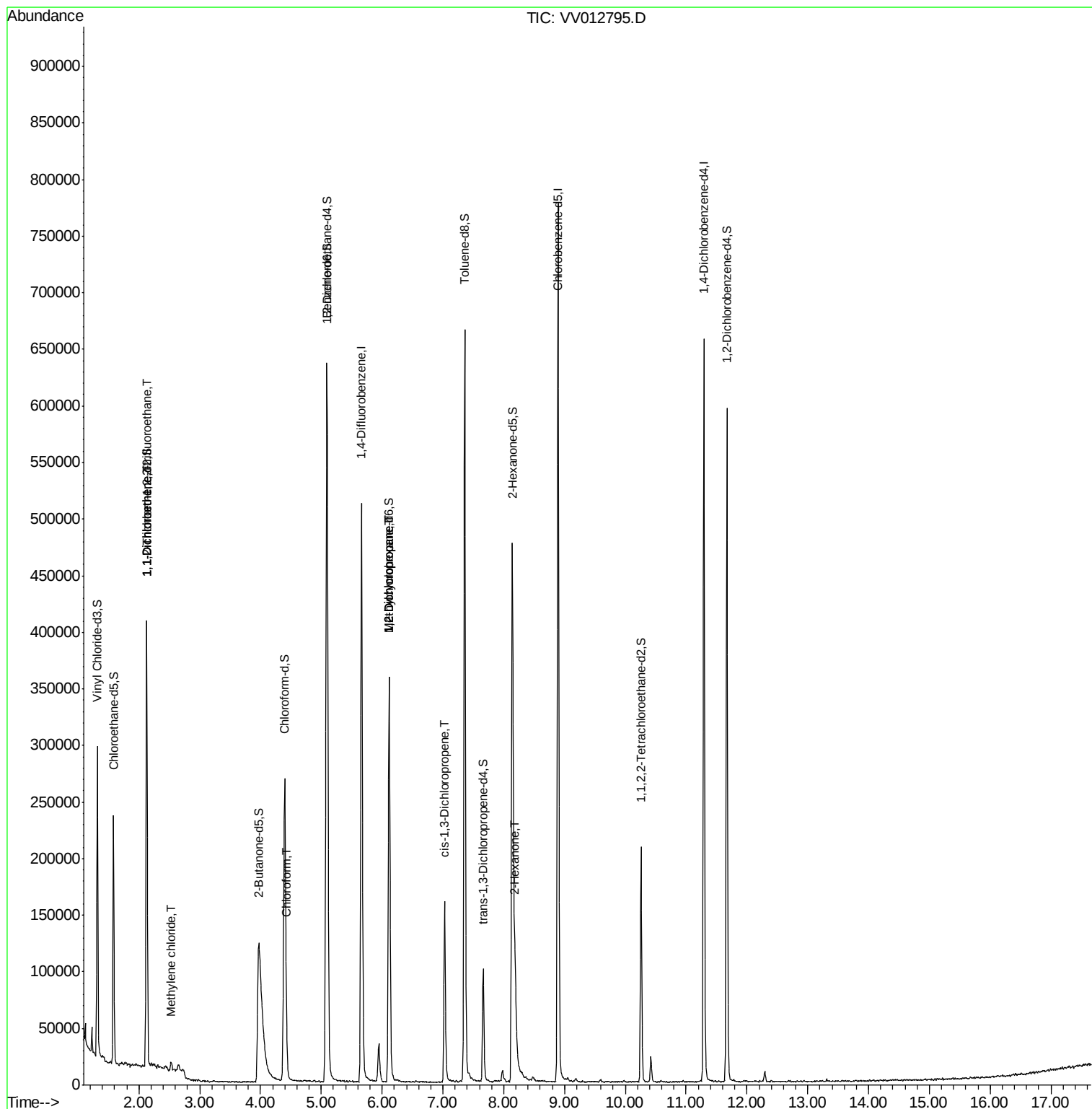
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2266	0.080 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	2061	0.077 ug/L #	1
16) Methylene chloride	2.53	84	3827	0.117 ug/L	90
25) Chloroform	4.43	83	11850	0.190 ug/L	94
35) Methylcyclohexane	6.12	83	39617	0.810 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	18596	0.596 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	4160	0.102 ug/L #	60
48) 2-Hexanone	8.19	43	59906	4.841 ug/L #	87

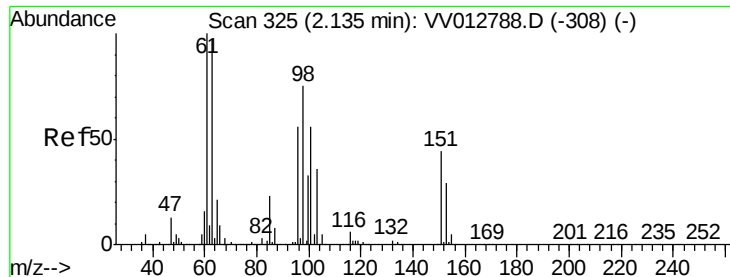
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.080 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012795.D

Acq: 15 Sep 2019 12:08

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

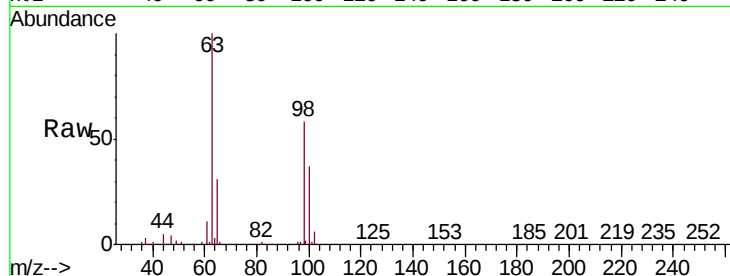
Tgt Ion:101 Resp: 2266

Ion Ratio Lower Upper

101 100

85 5.5 33.0 49.6#

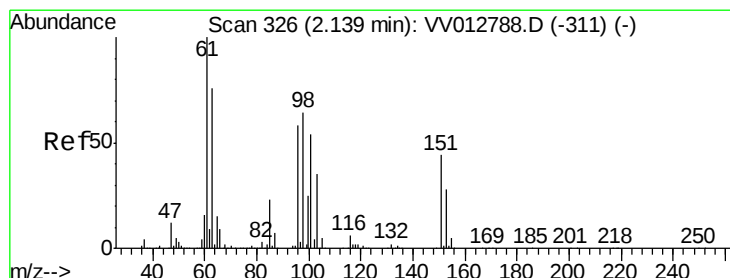
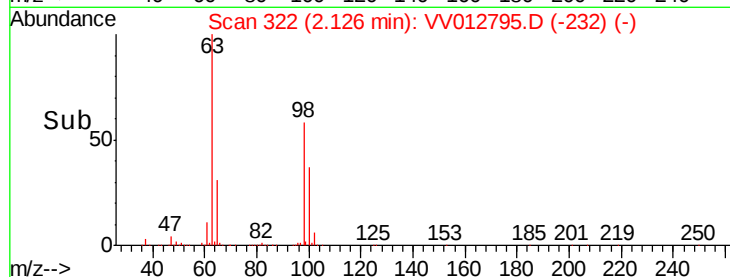
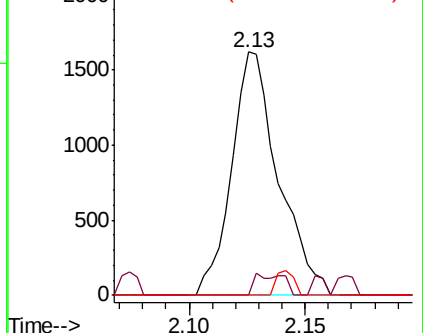
151 0.0 65.8 98.8#



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: 0.077 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012795.D

Acq: 15 Sep 2019 12:08

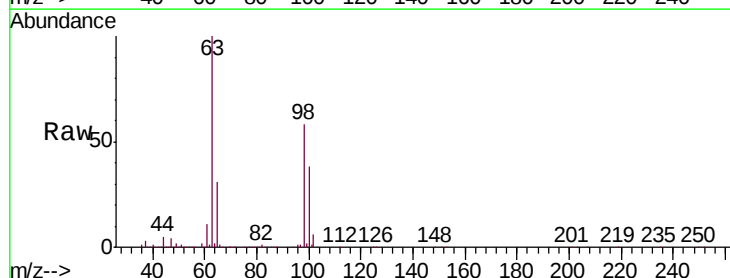
Tgt Ion: 96 Resp: 2061

Ion Ratio Lower Upper

96 100

61 1312.5 115.8 215.0#

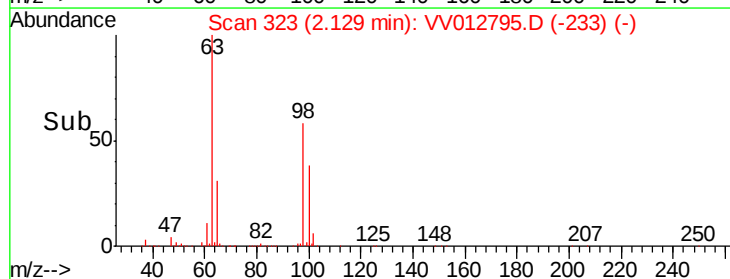
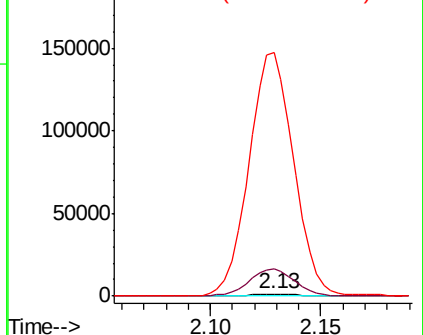
63 11637.3 79.4 147.4#

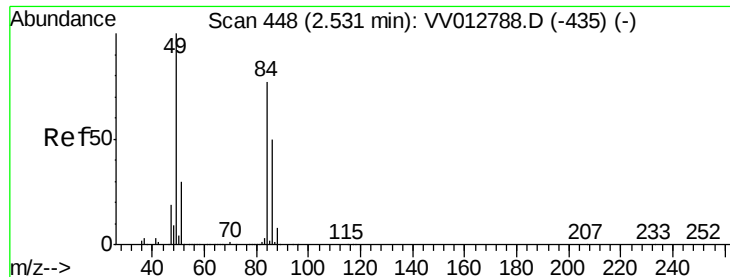


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

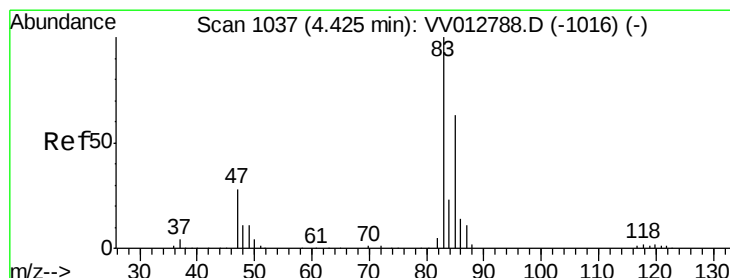
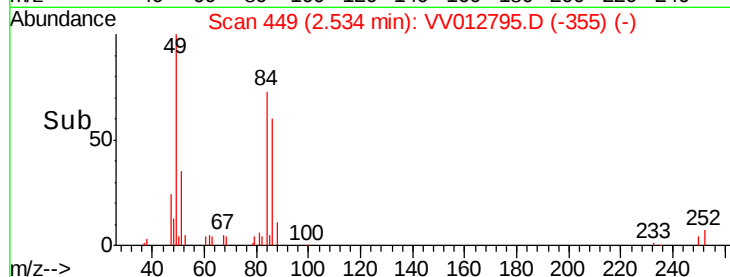
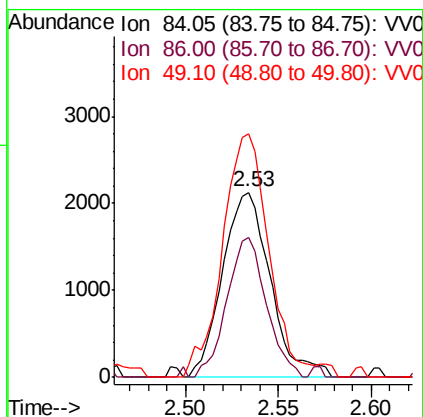
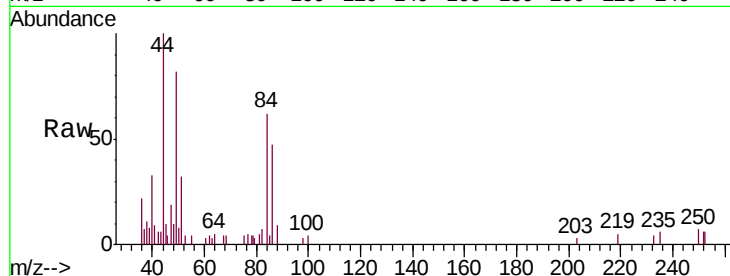




#16
Methylene chloride
Concen: 0.117 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012795.D
Acq: 15 Sep 2019 12:08

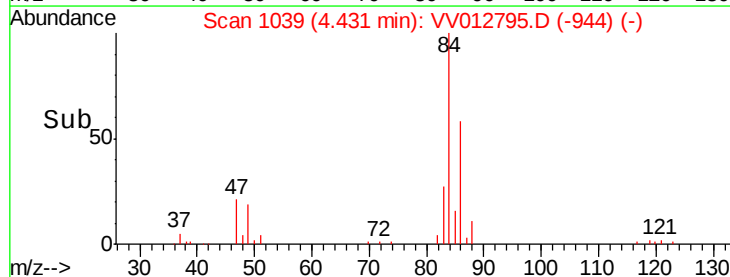
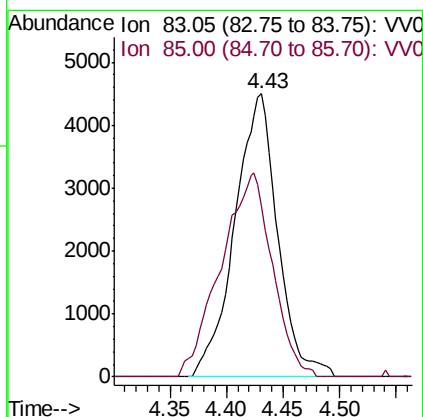
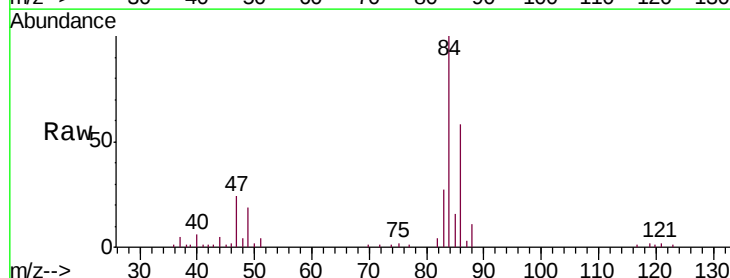
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ClientSampleId :
VHBLK01

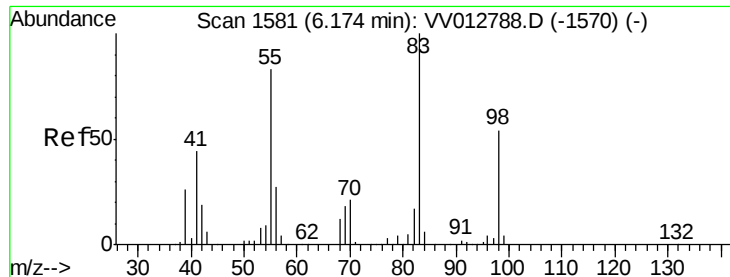
Tgt Ion: 84 Resp: 3827
Ion Ratio Lower Upper
84 100
86 75.8 46.1 85.7
49 131.4 85.3 158.3



#25
Chloroform
Concen: 0.190 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV012795.D
Acq: 15 Sep 2019 12:08

Tgt Ion: 83 Resp: 11850
Ion Ratio Lower Upper
83 100
85 60.2 45.3 84.1

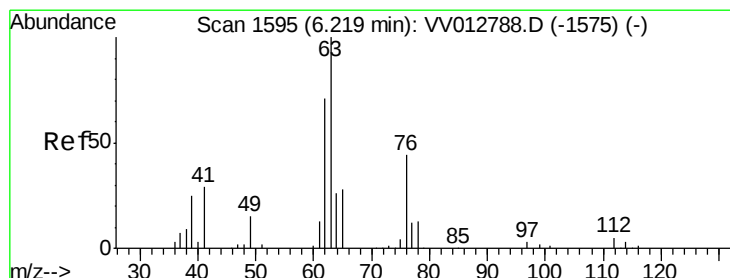
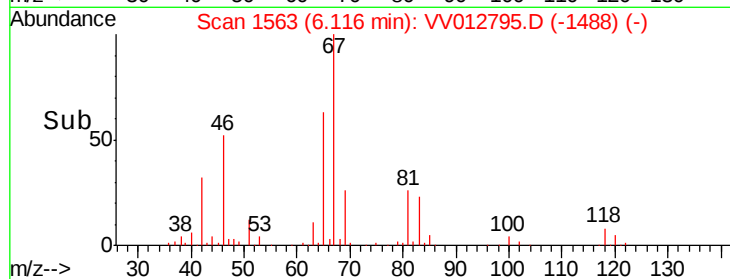
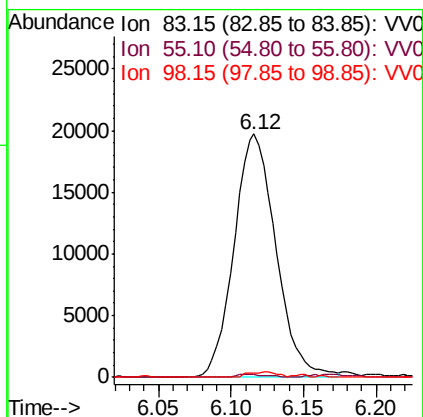
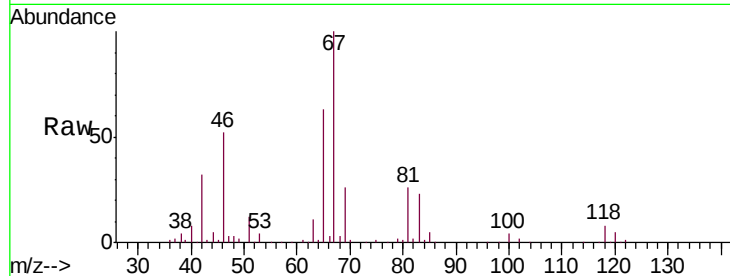




#35
Methylcyclohexane
Concen: 0.810 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012795.D
Acq: 15 Sep 2019 12:08

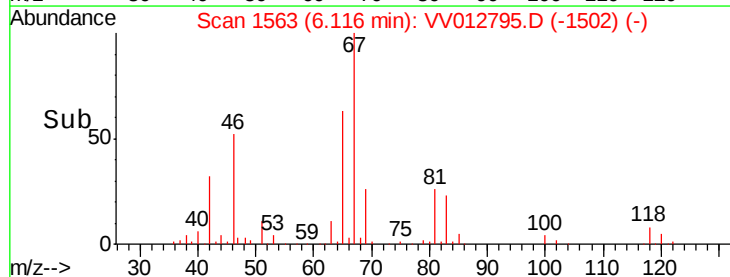
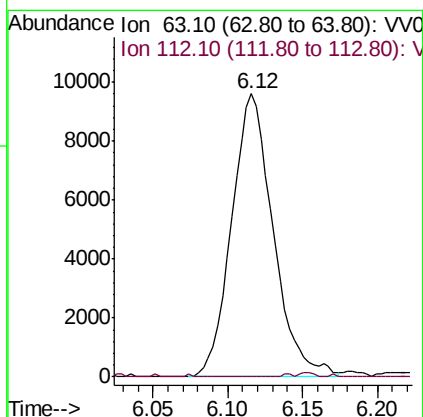
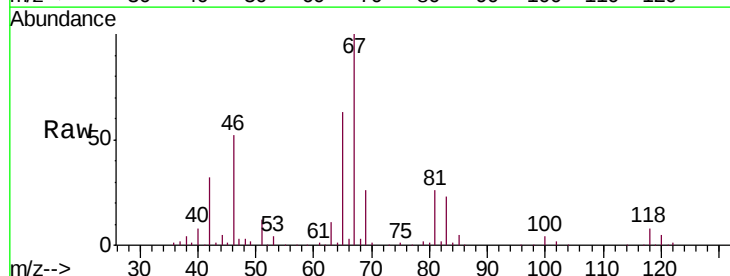
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

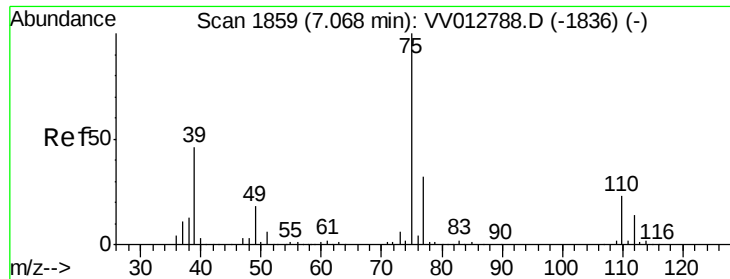
Tgt Ion: 83 Resp: 39617
Ion Ratio Lower Upper
83 100
55 0.8 63.0 94.4#
98 1.4 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012795.D
Acq: 15 Sep 2019 12:08

Tgt Ion: 63 Resp: 18596
Ion Ratio Lower Upper
63 100
112 0.2 3.8 5.6#

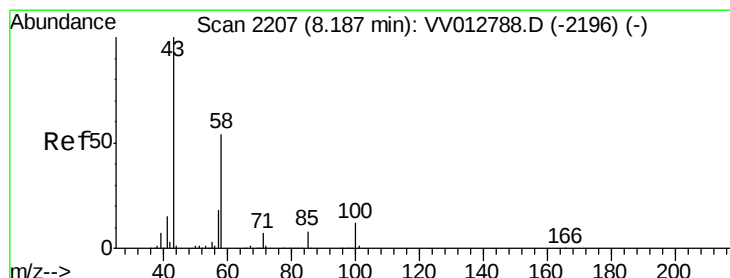
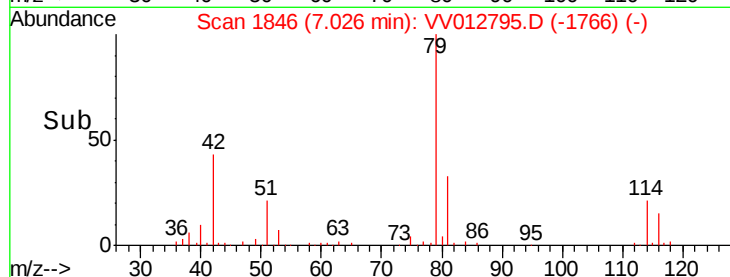
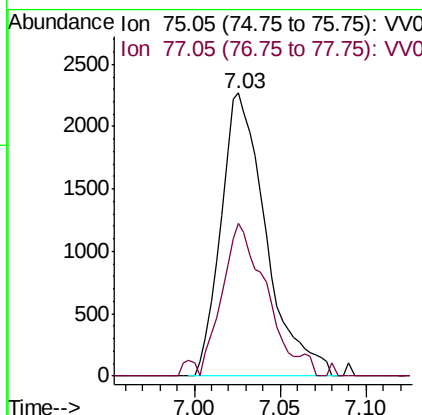
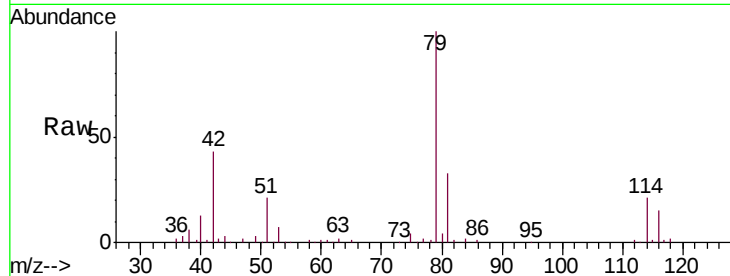




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV012795.D
 Acq: 15 Sep 2019 12:08

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 4160
 Ion Ratio Lower Upper
 75 100
 77 54.2 22.3 41.3#



#48
 2-Hexanone
 Concen: 4.841 ug/L
 RT: 8.19 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VV012795.D
 Acq: 15 Sep 2019 12:08

Tgt Ion: 43 Resp: 59906
 Ion Ratio Lower Upper
 43 100
 58 44.6 44.8 67.2#
 57 13.6 14.9 22.3#
 100 9.9 9.8 14.8

