

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
 Data File : VV017655.D
 Acq On : 24 Jul 2020 19:24
 Operator : SY/MD
 Sample : L3446-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 00:12:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 25 00:05:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	152732	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	147804	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75160	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32383	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.58	69	26780	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.12	63	57234	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.94	46	74997	42.99	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.98%
24) Chloroform-d	4.38	84	87164	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.06	65	45173	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.07	84	155000	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.10	67	42347	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.34	98	139674	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
45) trans-1,3-Dichloropropene-	7.65	79	17323	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
48) 2-Hexanone-d5	8.11	63	46442	36.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.02%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25923	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	57290	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

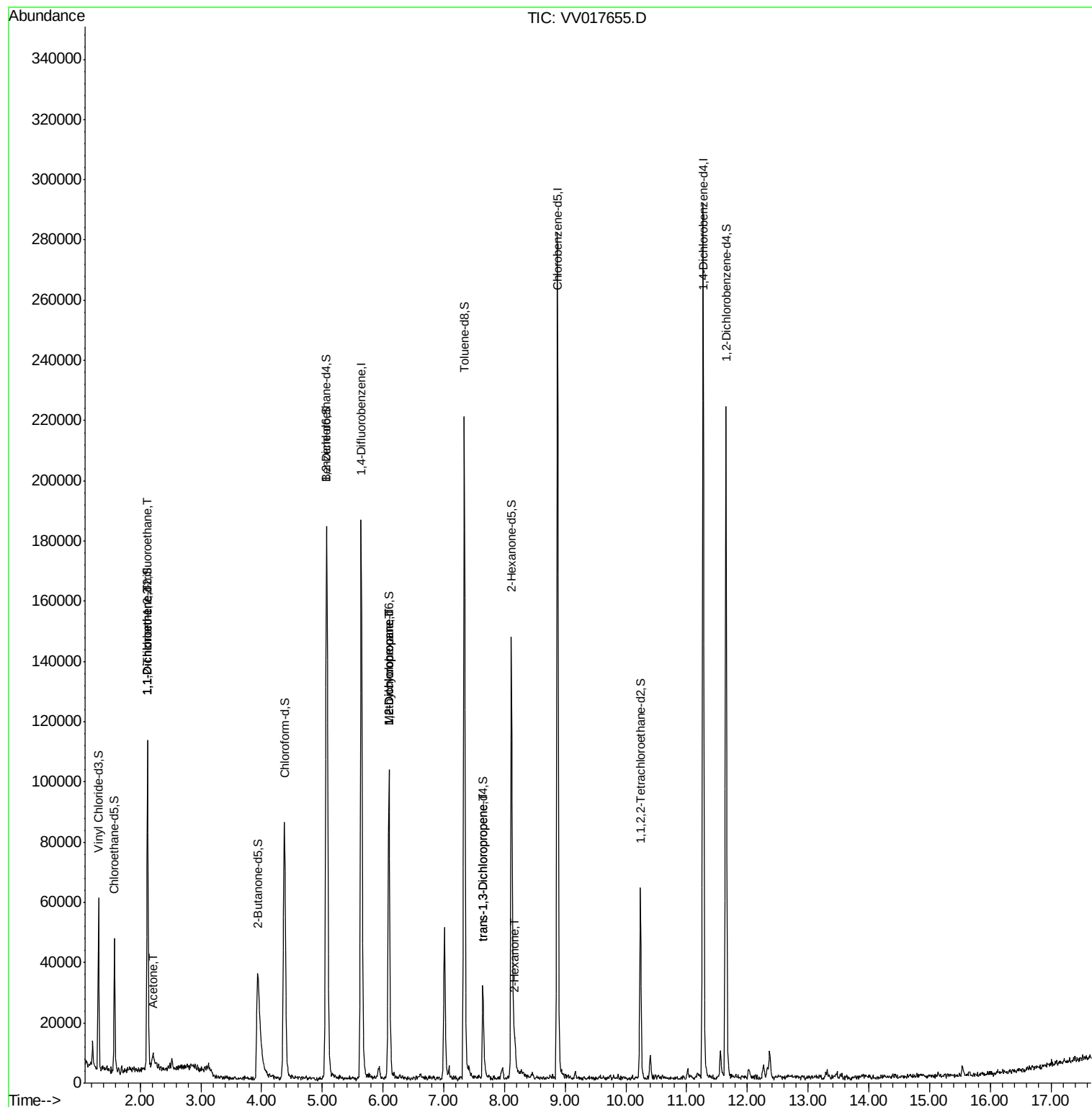
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	735	0.081 ug/L #	26
12) 1,1-Dichloroethene	2.12	96	883	0.107 ug/L #	1
13) Acetone	2.21	43	11340	8.303 ug/L	77
35) Methylcyclohexane	6.09	83	12330	0.697 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	6248	0.635 ug/L #	84
46) trans-1,3-Dichloropropene	7.64	75	964	0.072 ug/L	93
50) 2-Hexanone	8.17	43	5921	1.552 ug/L #	89

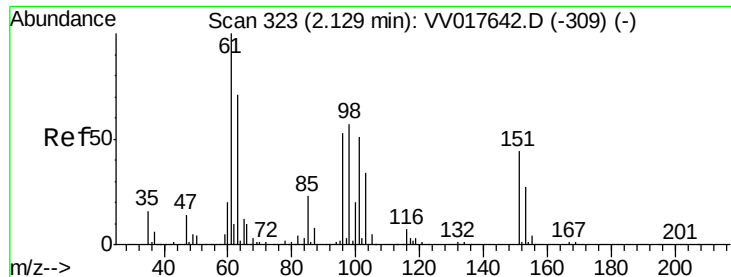
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.081 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017655.D

Acq: 24 Jul 2020 19:24

Instrument :

MSVOA_V

ClientSampleId :

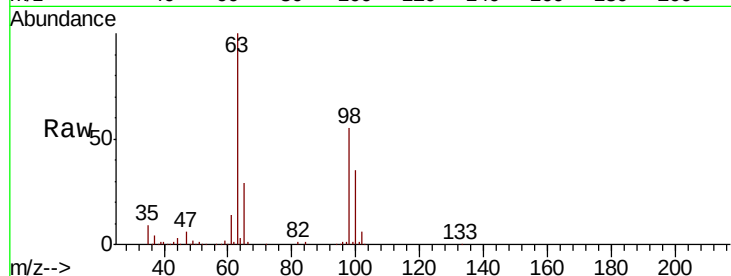
Tot Ion:101 Resp: 735

Ion Ratio Lower Upper

101 100

85 10.7 34.6 51.8#

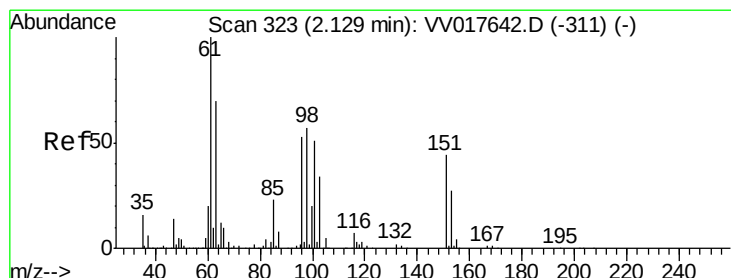
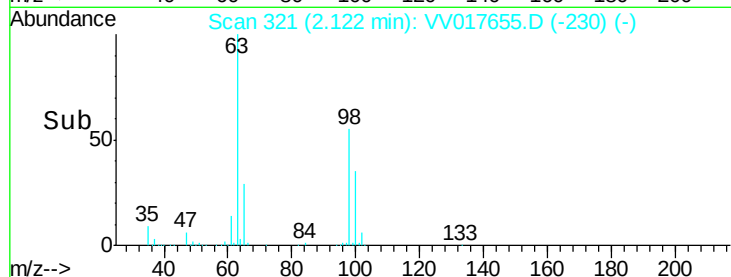
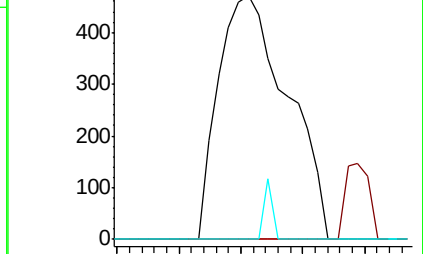
151 3.1 63.5 95.3#



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: 0.107 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017655.D

Acq: 24 Jul 2020 19:24

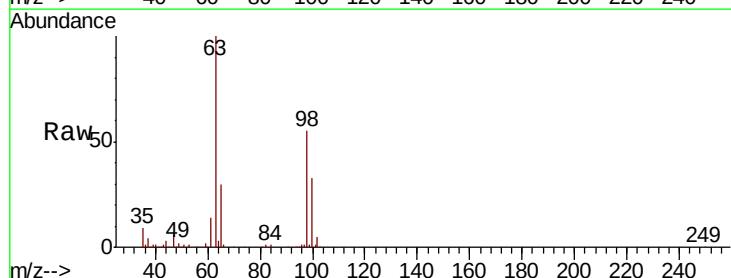
Tgt Ion: 96 Resp: 883

Ion Ratio Lower Upper

96 100

61 1190.1 123.1 228.7#

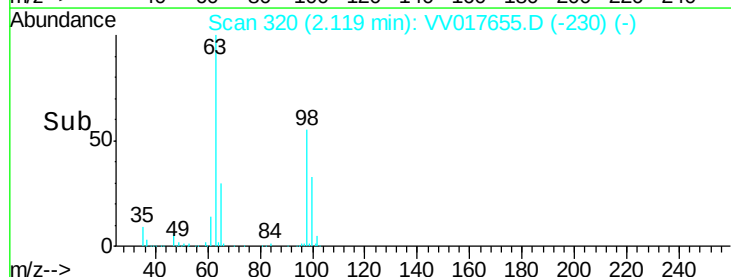
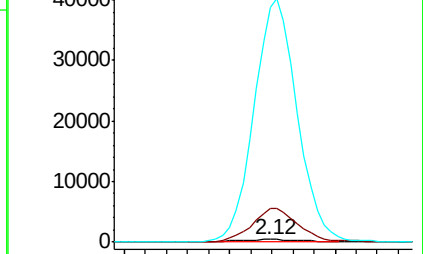
63 8350.0 91.2 169.4#

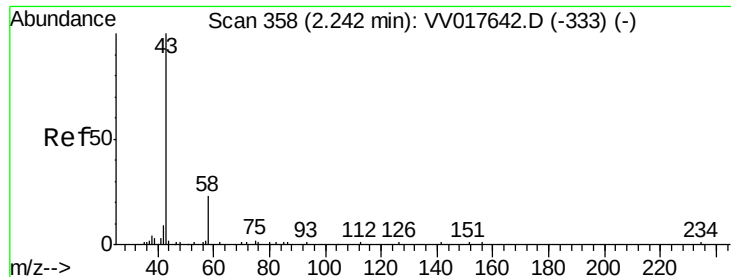


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 8.303 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.03 min

Lab File: VV017655.D

Acq: 24 Jul 2020 19:24

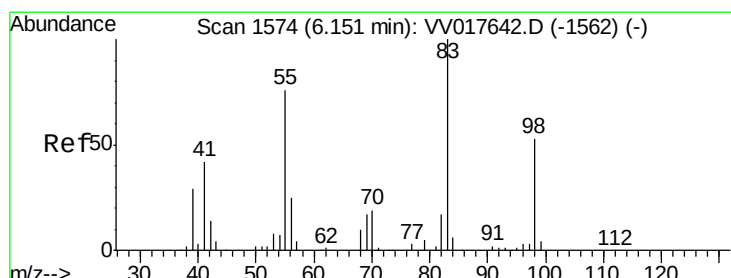
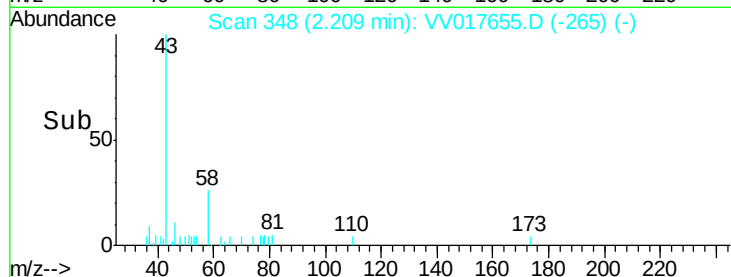
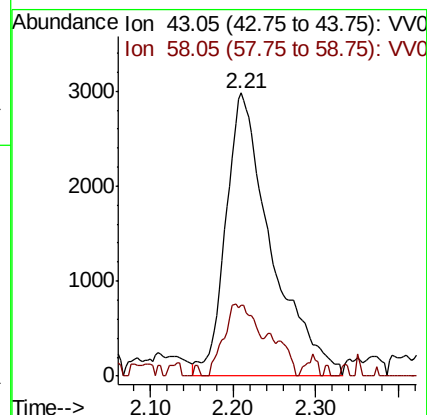
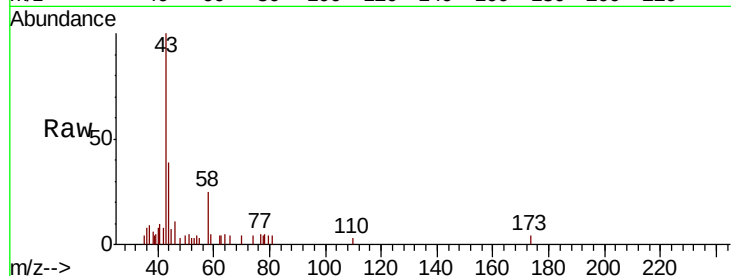
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 11340

Ion Ratio Lower Upper

43 100

58 17.7 0.0 18.6



#35

Methylcyclohexane

Concen: 0.697 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017655.D

Acq: 24 Jul 2020 19:24

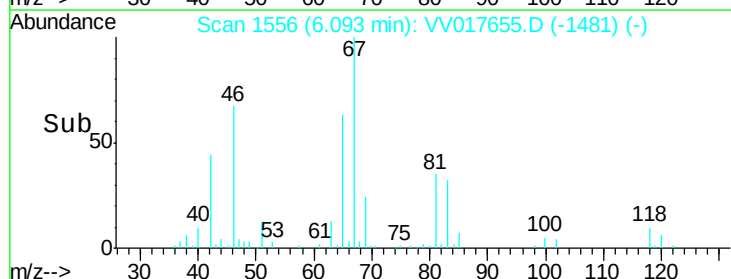
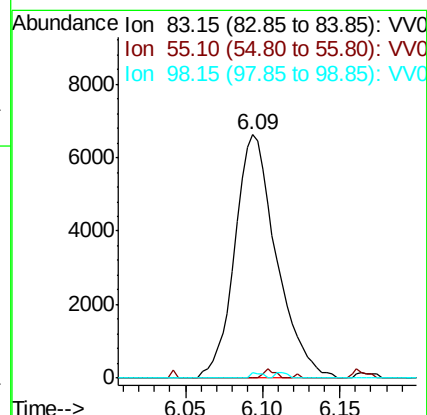
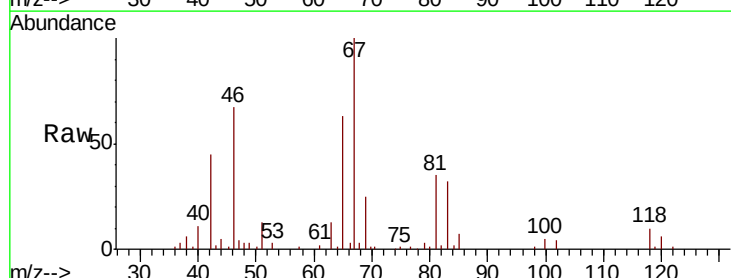
Tgt Ion: 83 Resp: 12330

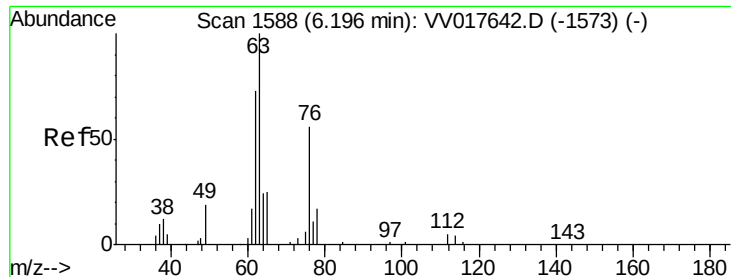
Ion Ratio Lower Upper

83 100

55 0.4 61.8 92.8#

98 0.6 39.0 58.6#

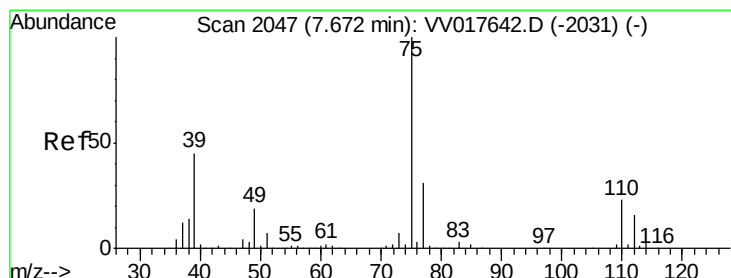
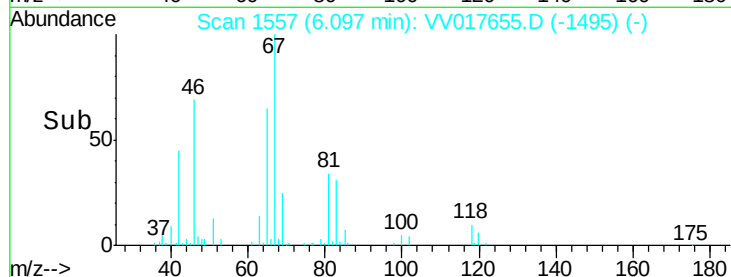
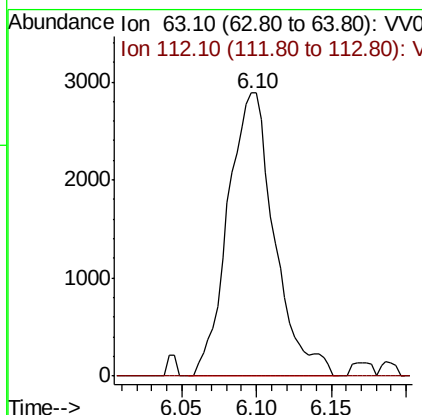
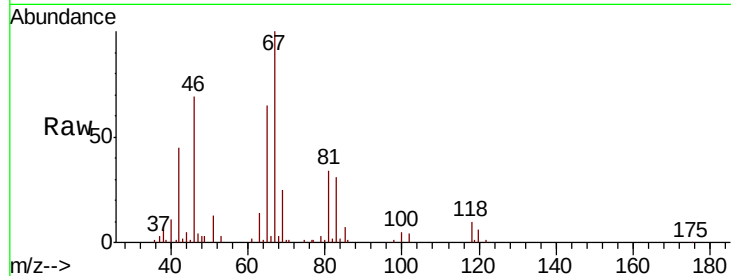




#37
 1,2-Dichloropropane
 Concen: 0.635 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017655.D
 Acq: 24 Jul 2020 19:24

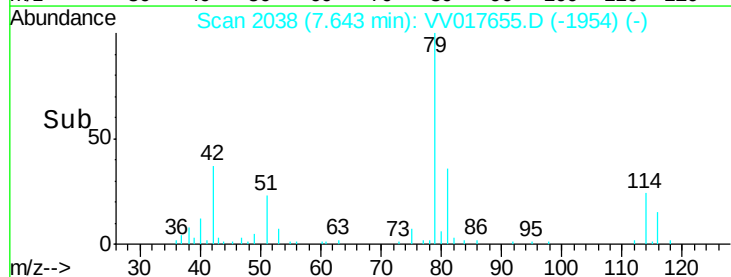
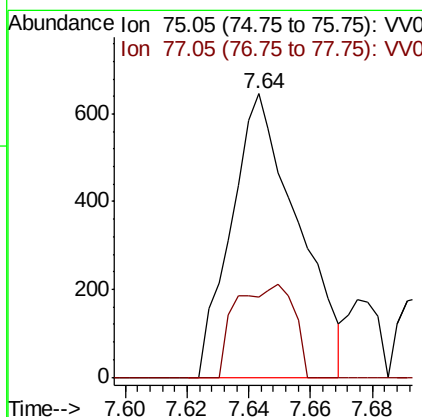
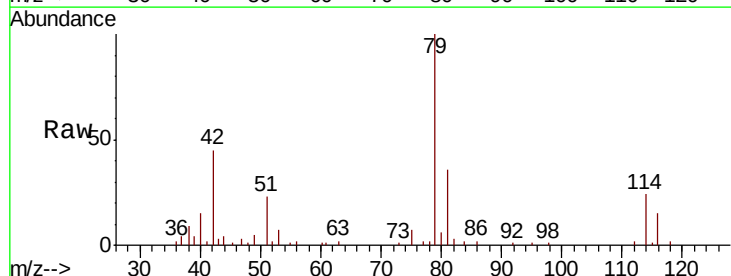
Instrument :
 MSVOA_V
 ClientSampleId :

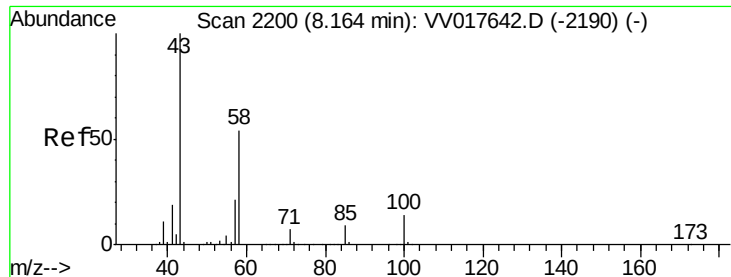
Tot Ion: 63 Resp: 6248
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.5 6.7#



#46
 trans-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV017655.D
 Acq: 24 Jul 2020 19:24

Tgt Ion: 75 Resp: 964
 Ion Ratio Lower Upper
 75 100
 77 28.2 22.5 41.7





#50
 2-Hexanone
 Concen: 1.552 ug/L
 RT: 8.17 min Scan# 2203
 Delta R.T. 0.01 min
 Lab File: VV017655.D
 Acq: 24 Jul 2020 19:24

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 5921
 Ion Ratio Lower Upper
 43 100
 58 54.2 41.6 62.4
 57 3.5 15.4 23.0#
 100 10.2 11.2 16.8#

