

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017303.D
 Acq On : 02 Jul 2020 12:13
 Operator : SY/MD
 Sample : L3150-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 01:15:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 01:13:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	148446	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144809	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66046	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47821	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.58	69	37808	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	2.13	63	74388	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.80%
20) 2-Butanone-d5	3.93	46	101126	44.54	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.08%
24) Chloroform-d	4.38	84	102092	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.06	65	53888	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.08	84	186855	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.10	67	54279	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.34	98	167182	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
45) trans-1,3-Dichloropropene-	7.64	79	21349	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
48) 2-Hexanone-d5	8.11	63	63409	35.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.06%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35214	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	63283	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

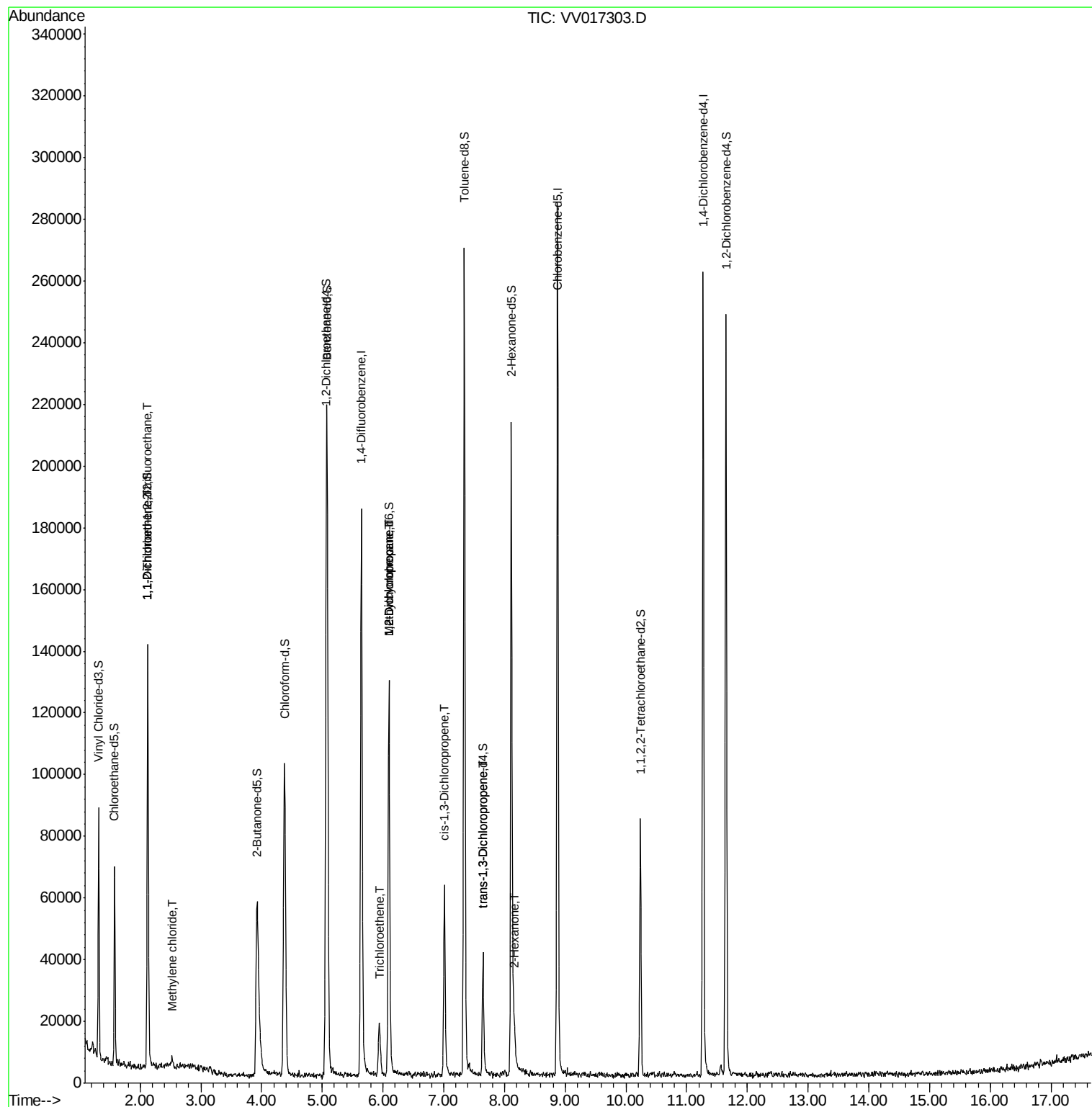
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	738	0.094	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	512	0.072	ug/L #	1
16) Methylene chloride	2.52	84	1031	0.135	ug/L	89
34) Trichloroethene	5.95	95	5137	0.463	ug/L	95
35) Methylcyclohexane	6.10	83	15082	0.874	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	7632	0.813	ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	1664	0.119	ug/L #	67
46) trans-1,3-Dichloropropene	7.64	75	1169	0.097	ug/L #	78
50) 2-Hexanone	8.16	43	6651	1.724	ug/L #	81

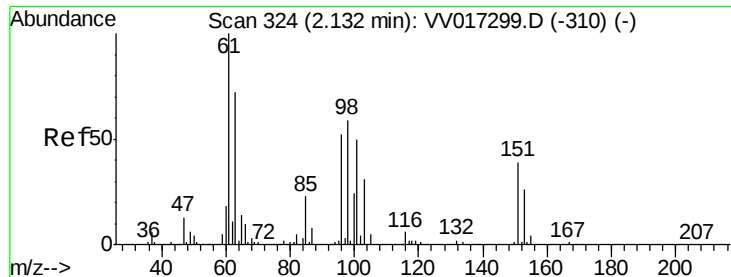
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070220\
Data File : VV017303.D
Acq On : 02 Jul 2020 12:13
Operator : SY/MD
Sample : L3150-12
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 03 01:15:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 01:13:36 2020
Response via : Initial Calibration





#10

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

Concen: 0.094 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017303.D

Acq: 02 Jul 2020 12:13

Instrument :

MSVOA_V

ClientSampled :

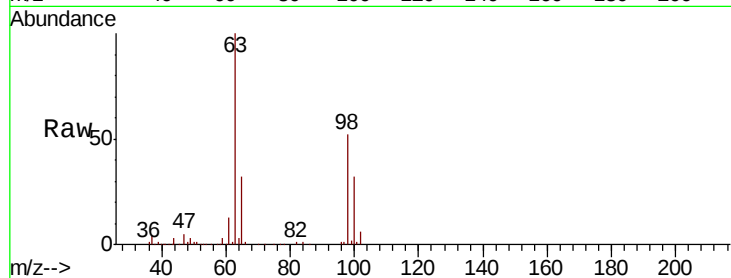
Tot Ion:101 Resp: 738

Ion Ratio Lower Upper

101 100

85 3.0 35.4 53.2#

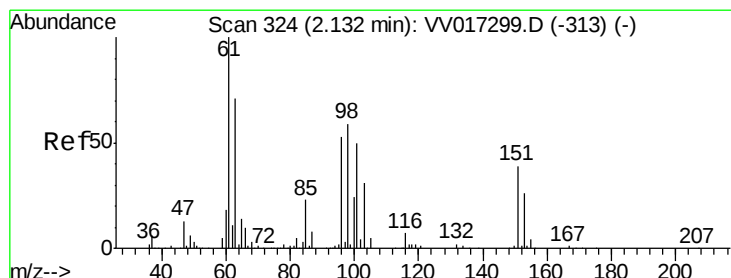
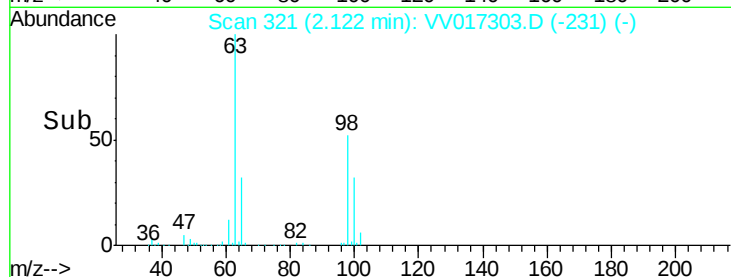
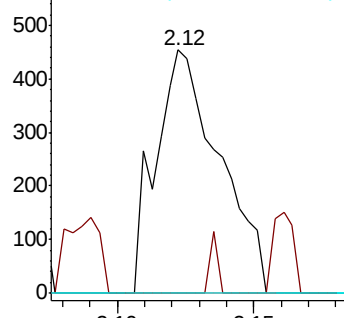
151 0.0 63.9 95.9#



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: 0.072 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017303.D

Acq: 02 Jul 2020 12:13

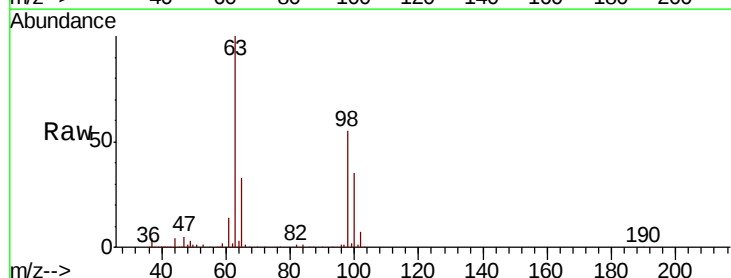
Tgt Ion: 96 Resp: 512

Ion Ratio Lower Upper

96 100

61 1670.7 125.0 232.2#

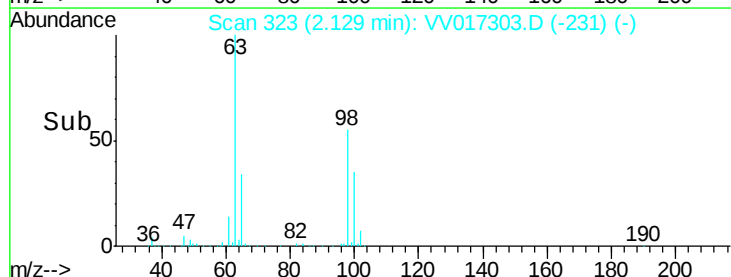
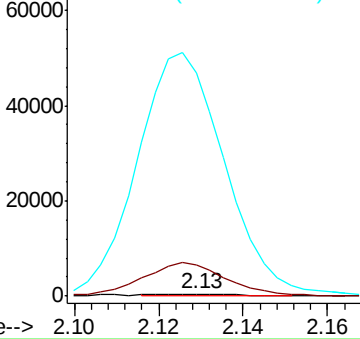
63 11961.2 109.8 203.8#

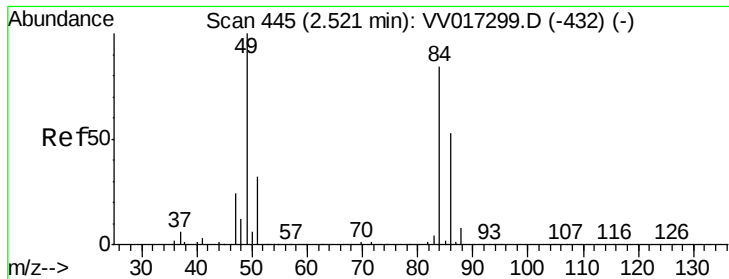


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

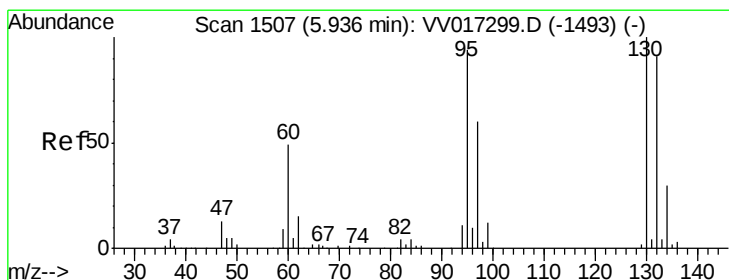
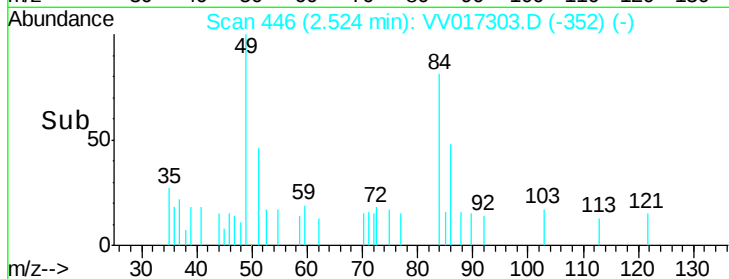
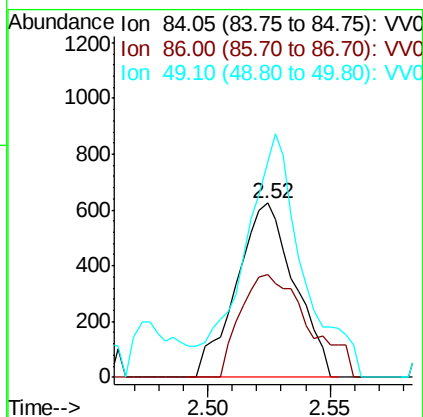
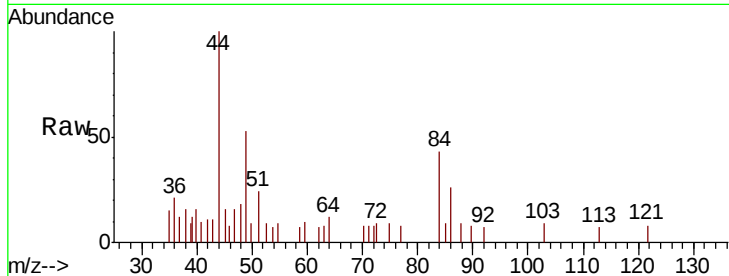




#16
Methvlene chloride
Concen: 0.135 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017303.D
Acq: 02 Jul 2020 12:13

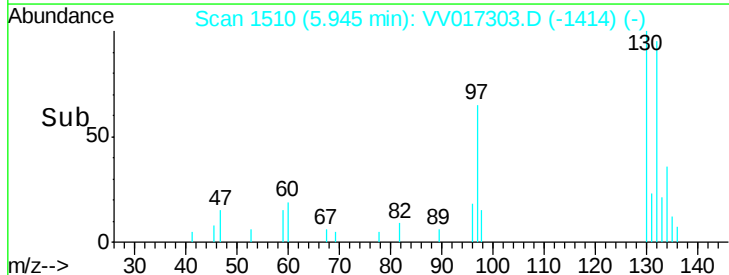
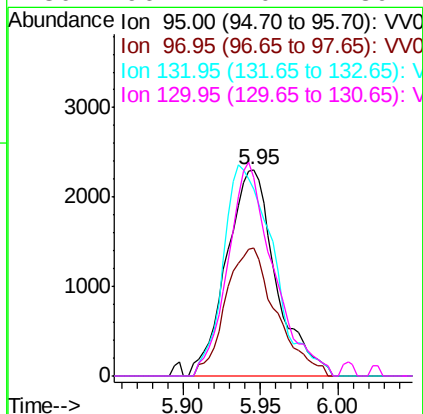
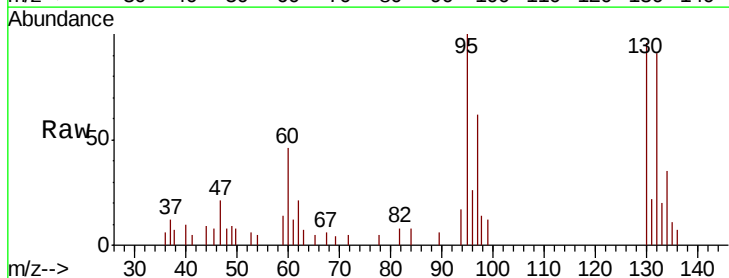
Instrument :
MSVOA_V
ClientSampled :

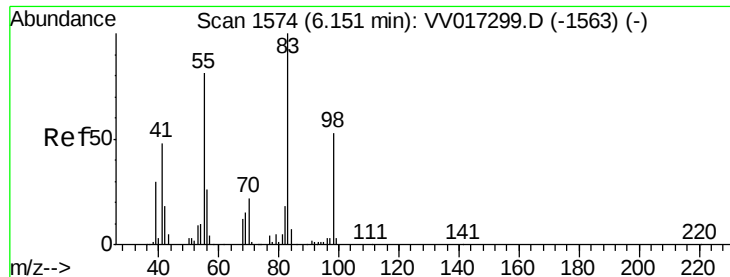
Tot Ion: 84 Resp: 1031
Ion Ratio Lower Upper
84 100
86 59.2 45.8 85.0
49 143.0 89.6 166.4



#34
Trichloroethene
Concen: 0.463 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV017303.D
Acq: 02 Jul 2020 12:13

Tgt Ion: 95 Resp: 5137
Ion Ratio Lower Upper
95 100
97 62.1 45.3 84.1
132 90.9 68.8 127.8
130 96.1 70.2 130.4

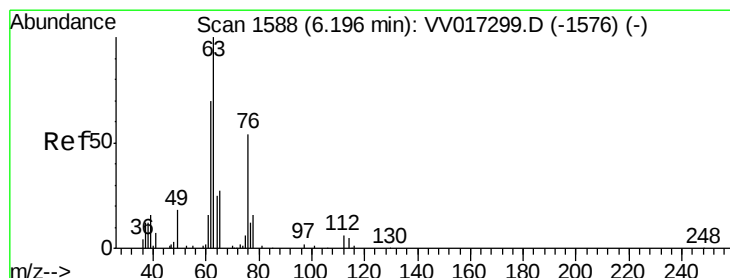
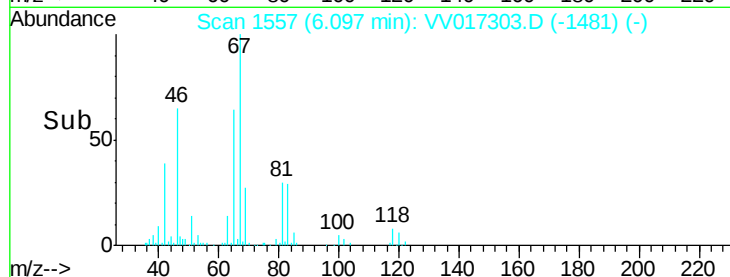
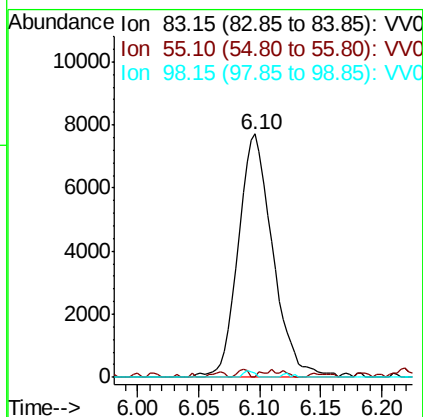
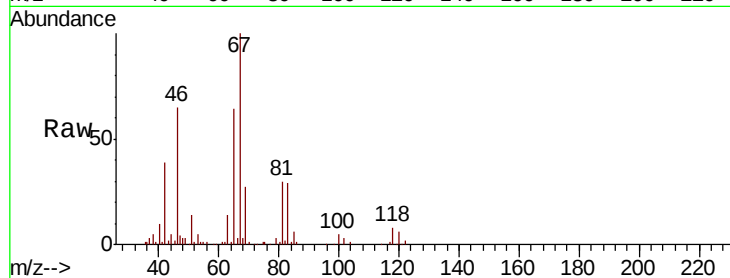




#35
Methvlcvclohexane
Concen: 0.874 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017303.D
Acq: 02 Jul 2020 12:13

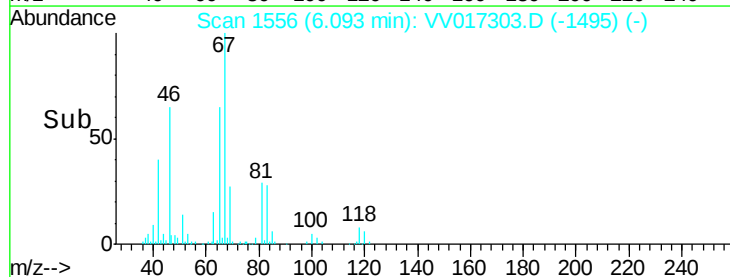
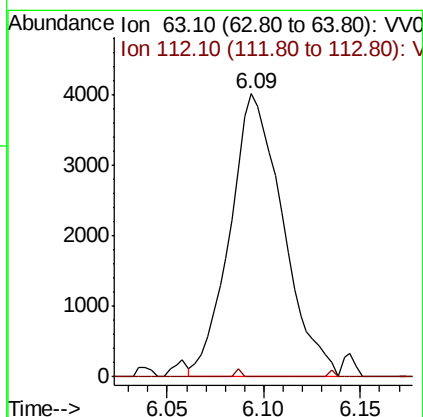
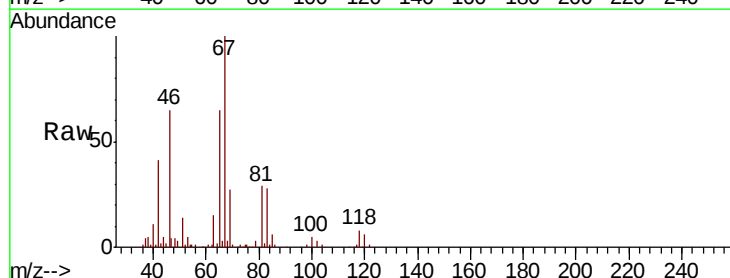
Instrument :
MSVOA_V
ClientSampleId :

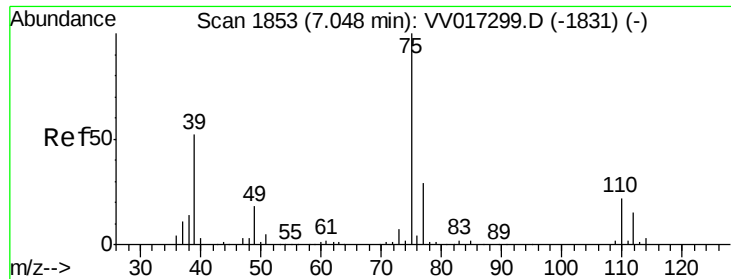
Tot Ion: 83 Resp: 15082
Ion Ratio Lower Upper
83 100
55 1.0 63.6 95.4#
98 0.8 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.813 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017303.D
Acq: 02 Jul 2020 12:13

Tgt Ion: 63 Resp: 7632
Ion Ratio Lower Upper
63 100
112 0.3 4.4 6.6#



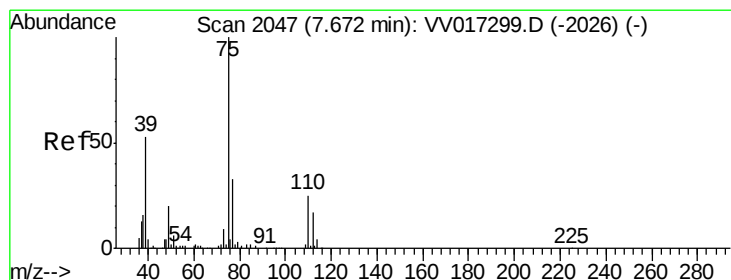
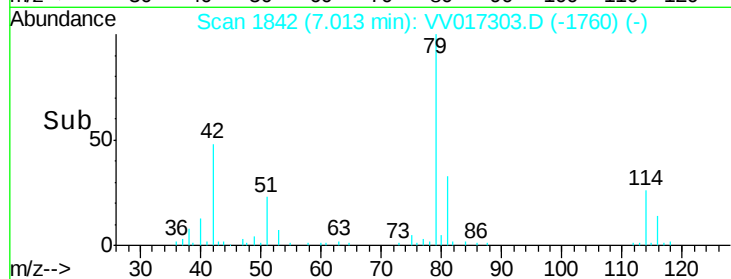
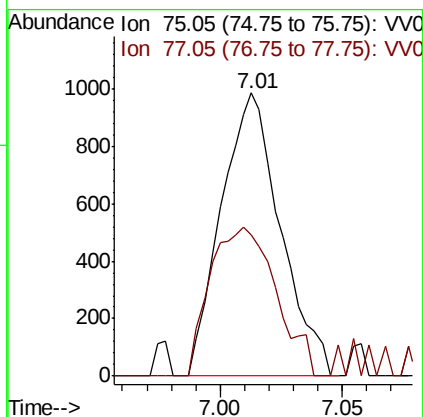
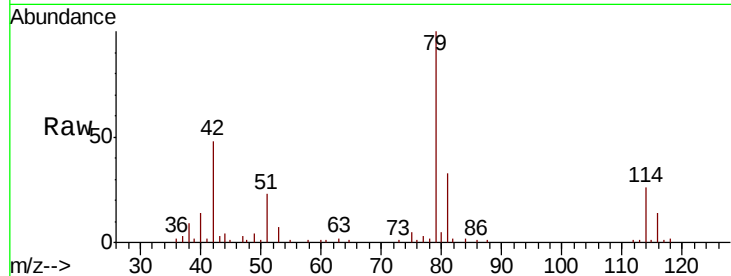


#39

cis-1,3-Dichloropropene
Concen: 0.119 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV017303.D
Acq: 02 Jul 2020 12:13

Instrument :
MSVOA_V
ClientSampled :

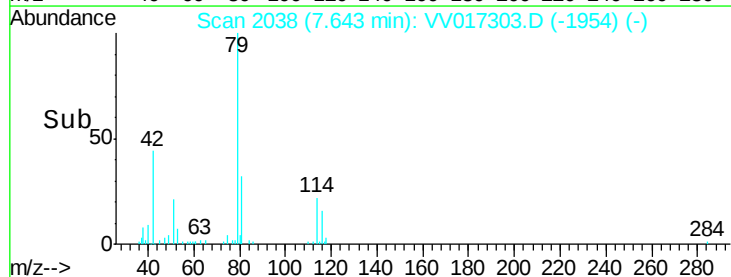
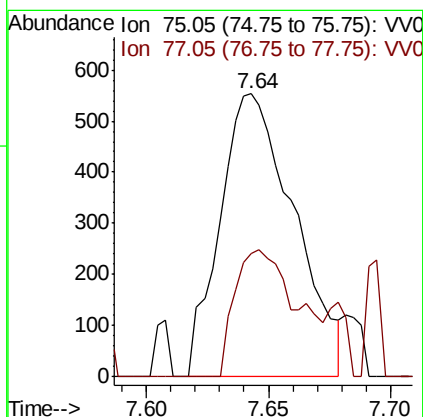
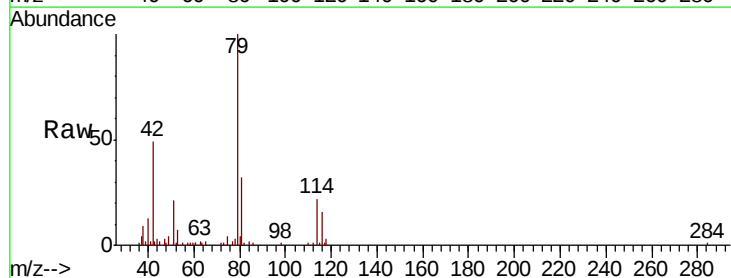
Tot Ion: 75 Resp: 1664
Ion Ratio Lower Upper
75 100
77 50.1 22.3 41.5#

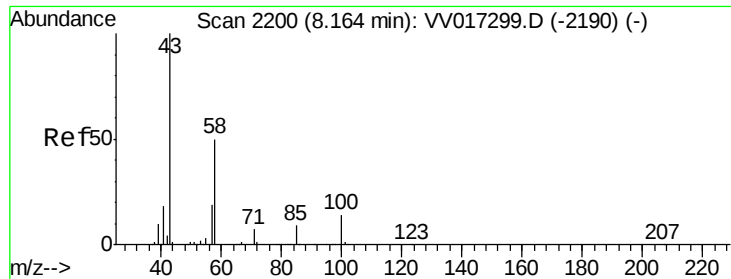


#46

trans-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV017303.D
Acq: 02 Jul 2020 12:13

Tgt Ion: 75 Resp: 1169
Ion Ratio Lower Upper
75 100
77 43.8 22.3 41.3#





#50
 2-Hexanone
 Concen: 1.724 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VV017303.D
 Acq: 02 Jul 2020 12:13

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
58	36.8	41.6	62.4	
57	15.8	15.4	23.0	
100	1.5	10.1	15.1	

