

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017334.D
 Acq On : 03 Jul 2020 02:37
 Operator : SY/MD
 Sample : L3150-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 06:21:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 06:15:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	157170	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	153505	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	72599	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41728	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.58	69	33616	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.12	63	67974	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.95	46	103531	43.06	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.12%
24) Chloroform-d	4.38	84	95636	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.06	65	54927	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.08	84	174053	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.10	67	49747	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.40%
41) Toluene-d8	7.34	98	158486	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
45) trans-1,3-Dichloropropene-	7.65	79	20420	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
48) 2-Hexanone-d5	8.11	63	66234	35.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.02%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35121	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	62429	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

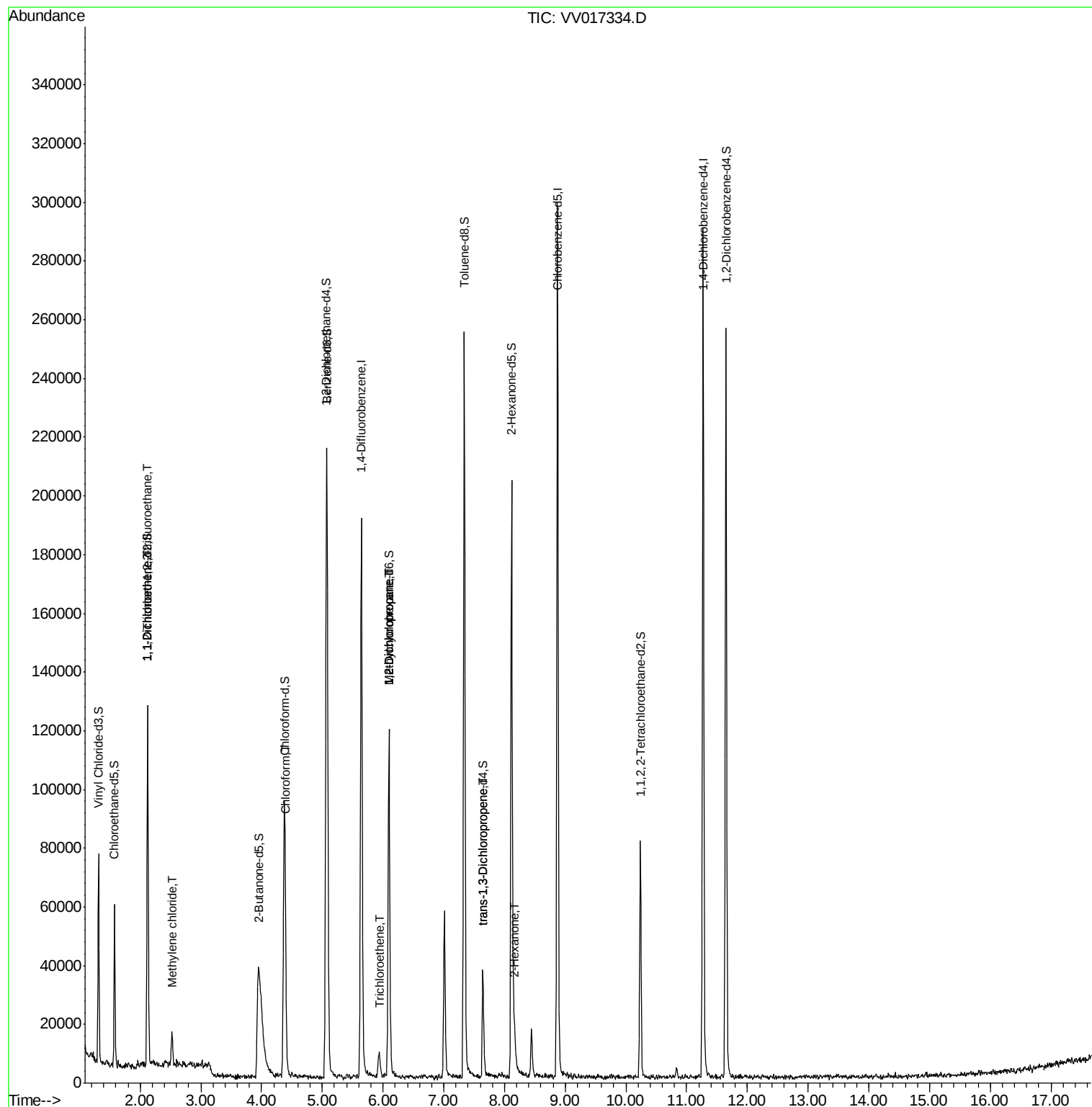
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	675	0.081	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	618	0.082	ug/L #	1
16) Methylene chloride	2.53	84	4788	0.593	ug/L	92
25) Chloroform	4.40	83	2426	0.124	ug/L	97
34) Trichloroethene	5.95	95	1533	0.130	ug/L #	82
35) Methylcyclohexane	6.10	83	13326	0.728	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	6508	0.654	ug/L #	87
46) trans-1,3-Dichloropropene	7.65	75	1324	0.104	ug/L #	71
50) 2-Hexanone	8.17	43	6498	1.589	ug/L #	58

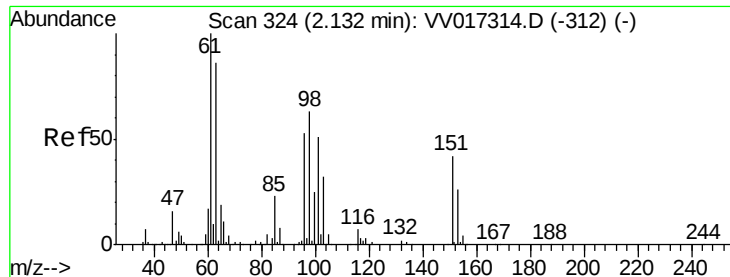
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
Data File : VV017334.D
Acq On : 03 Jul 2020 02:37
Operator : SY/MD
Sample : L3150-17
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 03 06:21:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 06:15:26 2020
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: VV017334.D

Acq: 03 Jul 2020 02:37

Instrument :

MSVOA_V

ClientSampled :

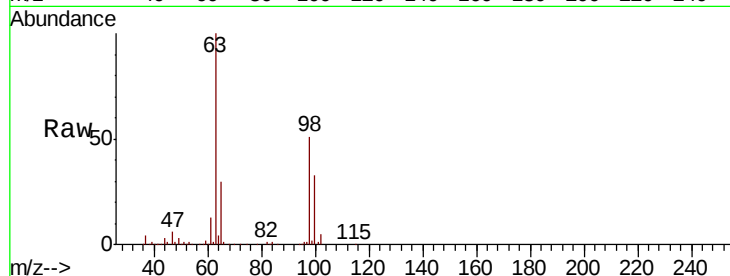
Tot Ion:101 Resp: 675

Ion Ratio Lower Upper

101 100

85 6.1 35.4 53.2#

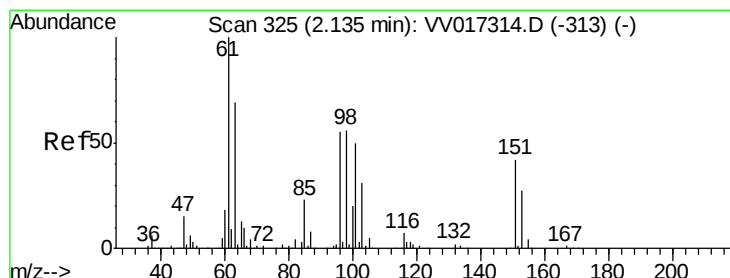
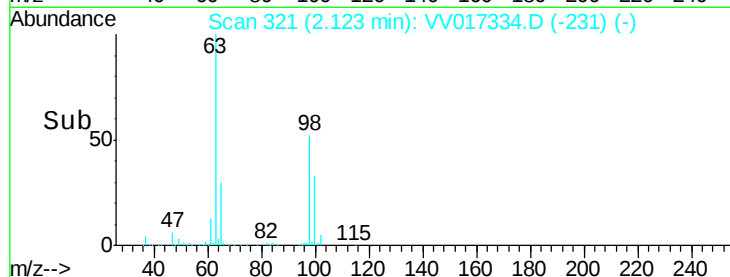
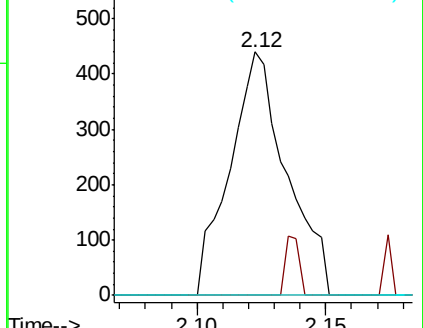
151 0.0 63.9 95.9#



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: 0.082 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV017334.D

Acq: 03 Jul 2020 02:37

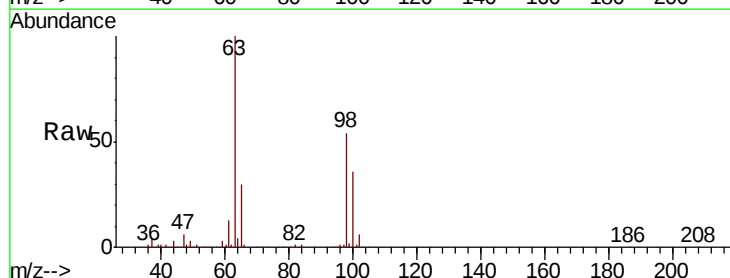
Tgt Ion: 96 Resp: 618

Ion Ratio Lower Upper

96 100

61 1321.8 125.0 232.2#

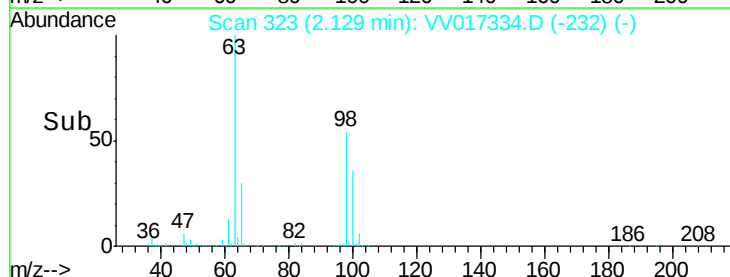
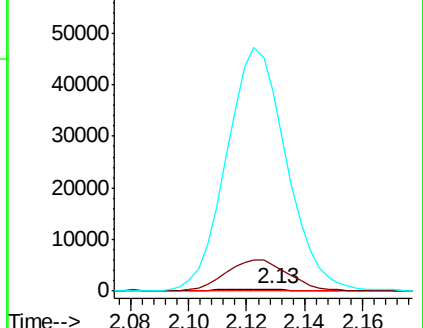
63 9950.8 109.8 203.8#

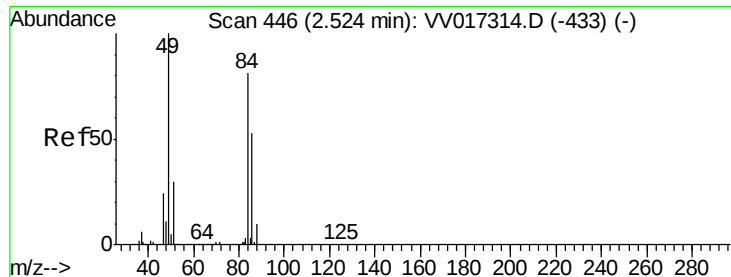


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

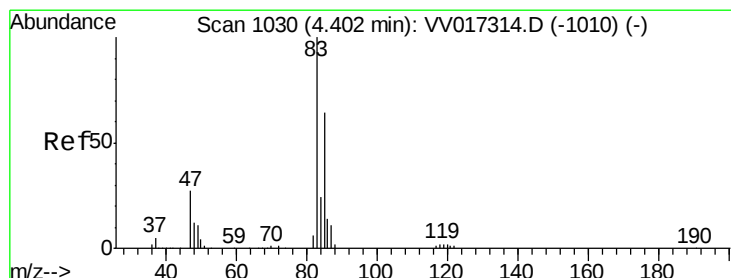
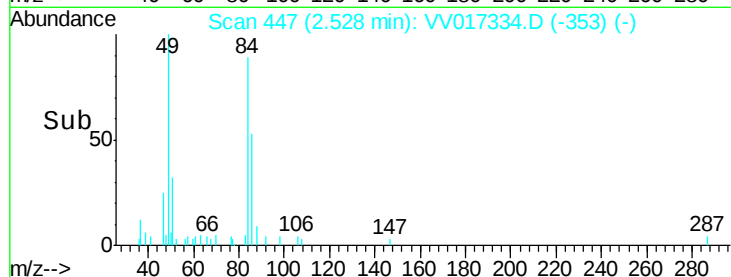
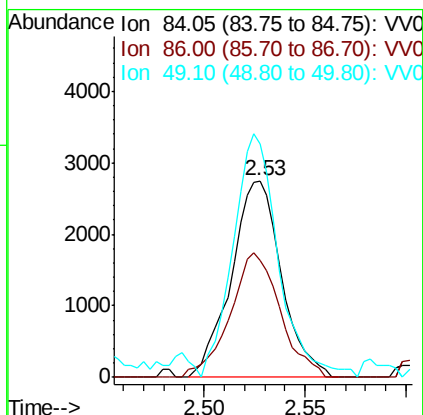
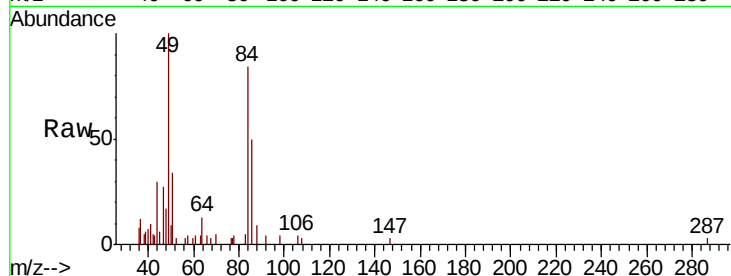




#16
Methvlene chloride
Concen: 0.593 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV017334.D
Acq: 03 Jul 2020 02:37

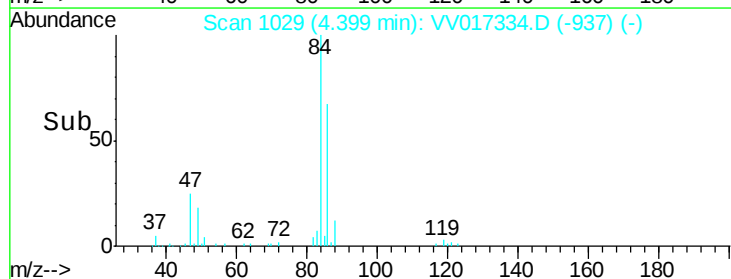
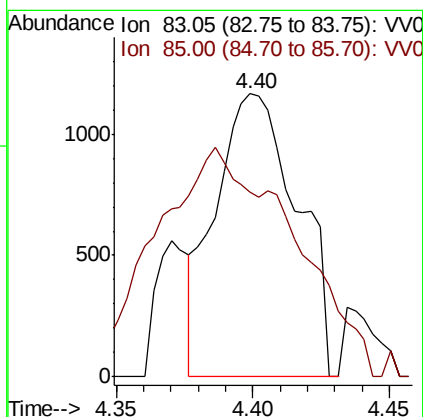
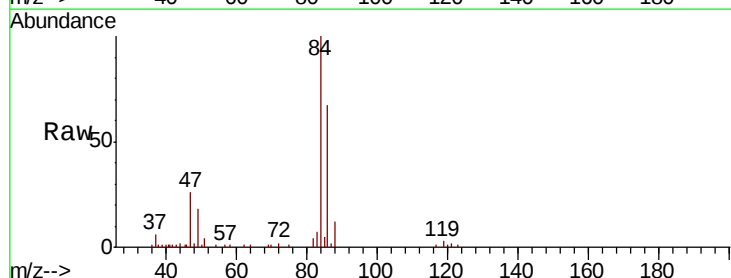
Instrument :
MSVOA_V
ClientSampled :

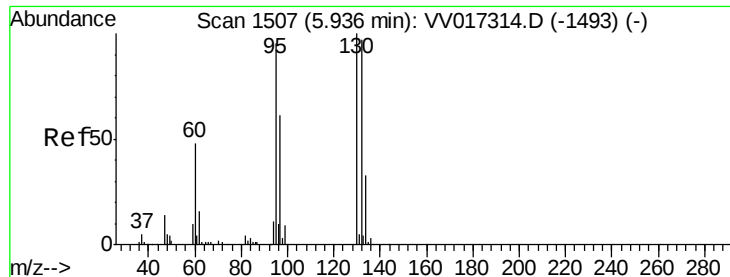
Tot Ion: 84 Resp: 4788
Ion Ratio Lower Upper
84 100
86 59.6 45.8 85.0
49 118.8 89.6 166.4



#25
Chloroform
Concen: 0.124 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV017334.D
Acq: 03 Jul 2020 02:37

Tgt Ion: 83 Resp: 2426
Ion Ratio Lower Upper
83 100
85 65.2 44.2 82.2





#34

Trichloroethene

Concen: 0.130 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV017334.D

Acq: 03 Jul 2020 02:37

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 1533

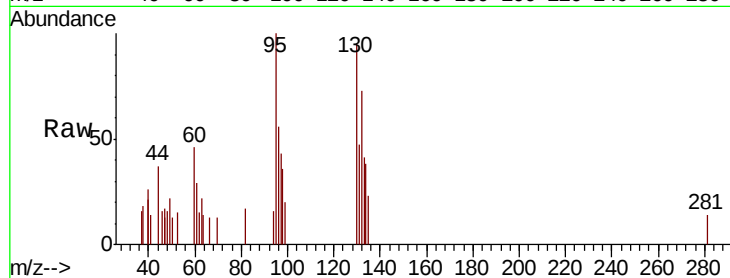
Ion Ratio Lower Upper

95 100

97 43.1 45.3 84.1#

132 72.5 68.8 127.8

130 95.4 70.2 130.4

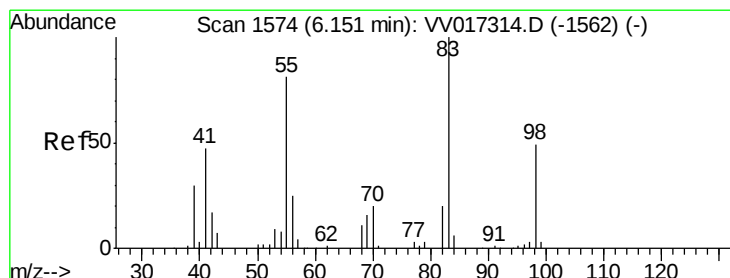
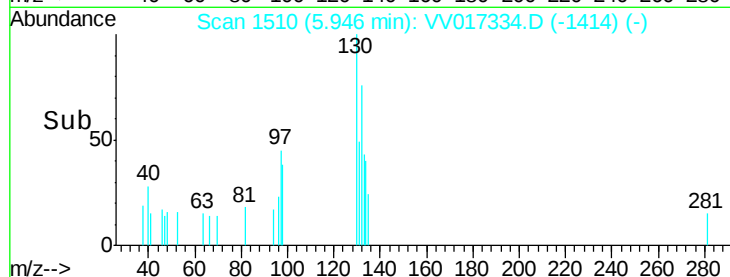
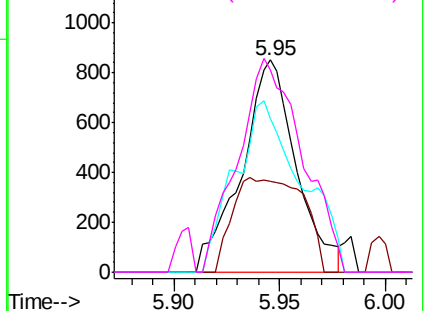


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.728 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV017334.D

Acq: 03 Jul 2020 02:37

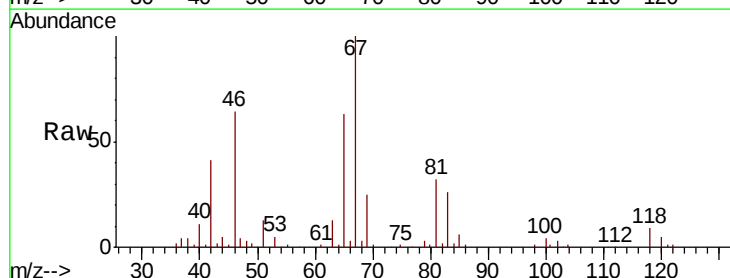
Tgt Ion: 83 Resp: 13326

Ion Ratio Lower Upper

83 100

55 1.0 63.6 95.4#

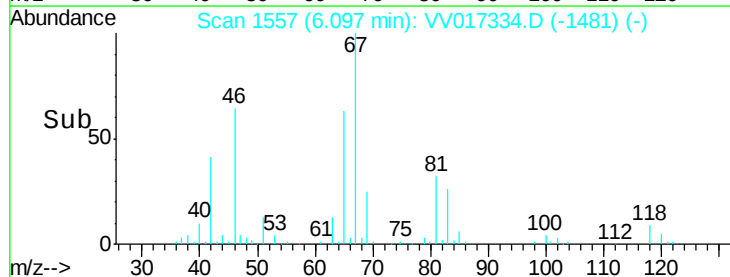
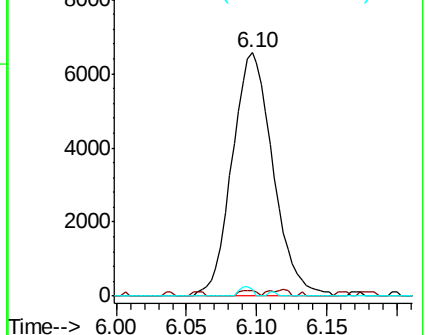
98 1.2 38.8 58.2#

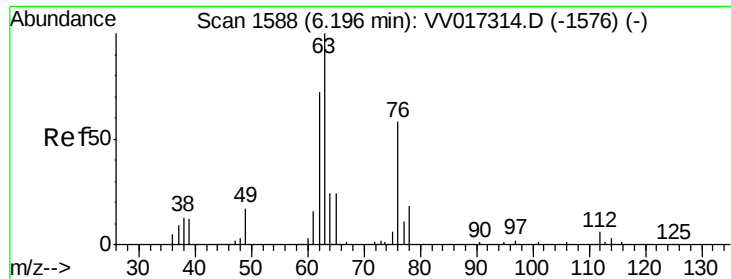


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

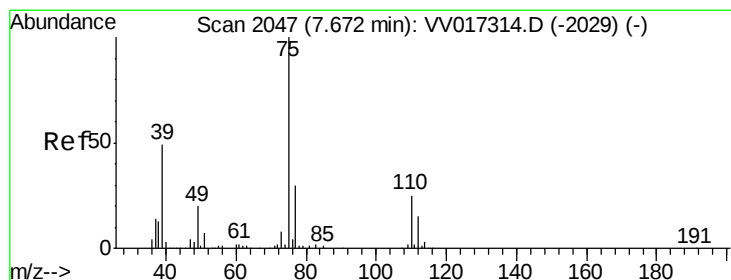
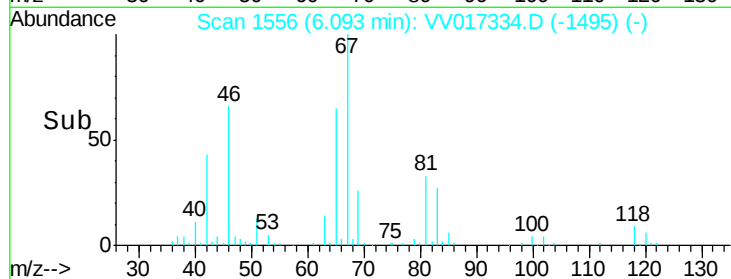
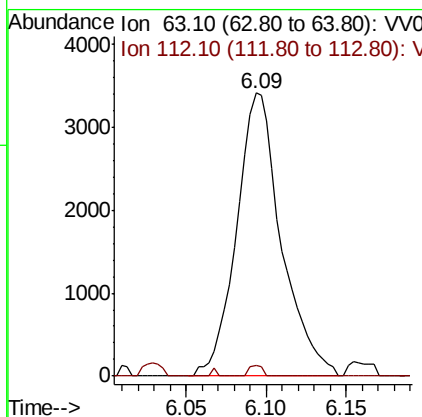
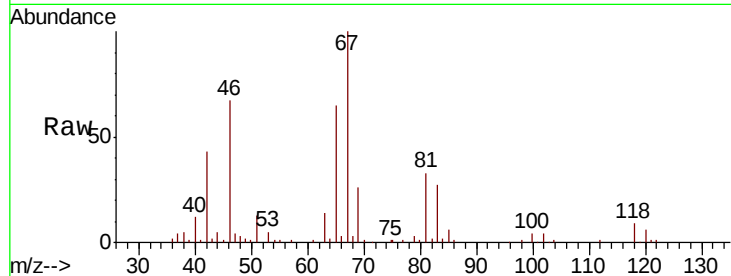




#37
 1,2-Dichloropropane
 Concen: 0.654 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017334.D
 Acq: 03 Jul 2020 02:37

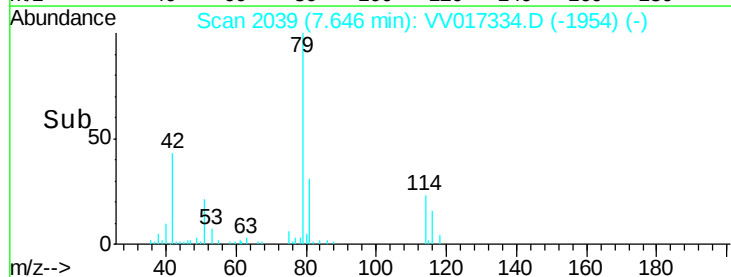
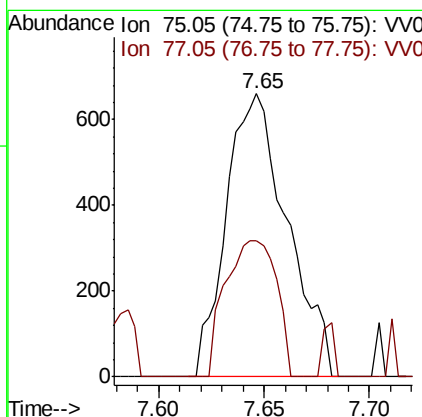
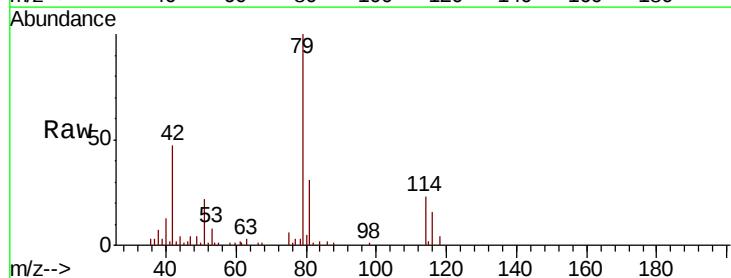
Instrument :
 MSVOA_V
 ClientSampleId :

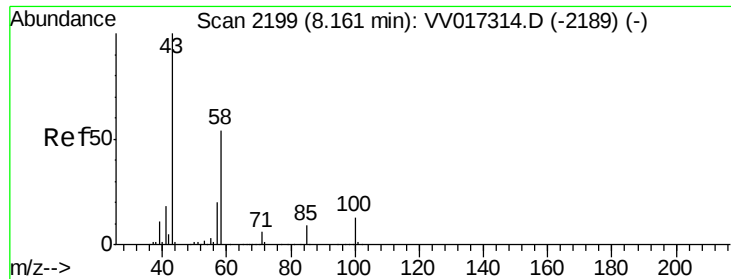
Tot Ion: 63 Resp: 6508
 Ion Ratio Lower Upper
 63 100
 112 1.1 4.4 6.6#



#46
 trans-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV017334.D
 Acq: 03 Jul 2020 02:37

Tgt Ion: 75 Resp: 1324
 Ion Ratio Lower Upper
 75 100
 77 47.9 22.3 41.3#





#50

2-Hexanone

Concen: 1.589 ug/L

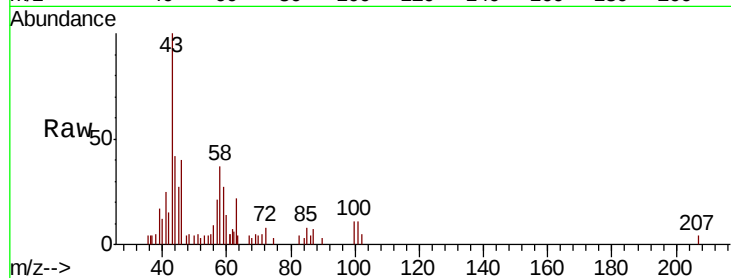
RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV017334.D

Acq: 03 Jul 2020 02:37

Instrument :
MSVOA_V
ClientSampleId :



Tot Ion:	43	Resp:	6498
Ion	Ratio	Lower	Upper
43	100		
58	7.5	41.6	62.4#
57	20.5	15.4	23.0
100	6.6	10.1	15.1#

