

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
 Data File : VV017369.D
 Acq On : 07 Jul 2020 11:22
 Operator : SY/MD
 Sample : L3168-12DL 200X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 08 01:33:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:30:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	152495	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	150468	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71728	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	40144	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.58	69	34115	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.12	63	69633	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	3.96	46	91799	39.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.70%
24) Chloroform-d	4.38	84	100284	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.06	65	56798	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.07	84	183306	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.09	67	51381	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.34	98	163033	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
45) trans-1,3-Dichloropropene-	7.65	79	21858	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
48) 2-Hexanone-d5	8.12	63	69260	37.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.70%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35972	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	67124	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

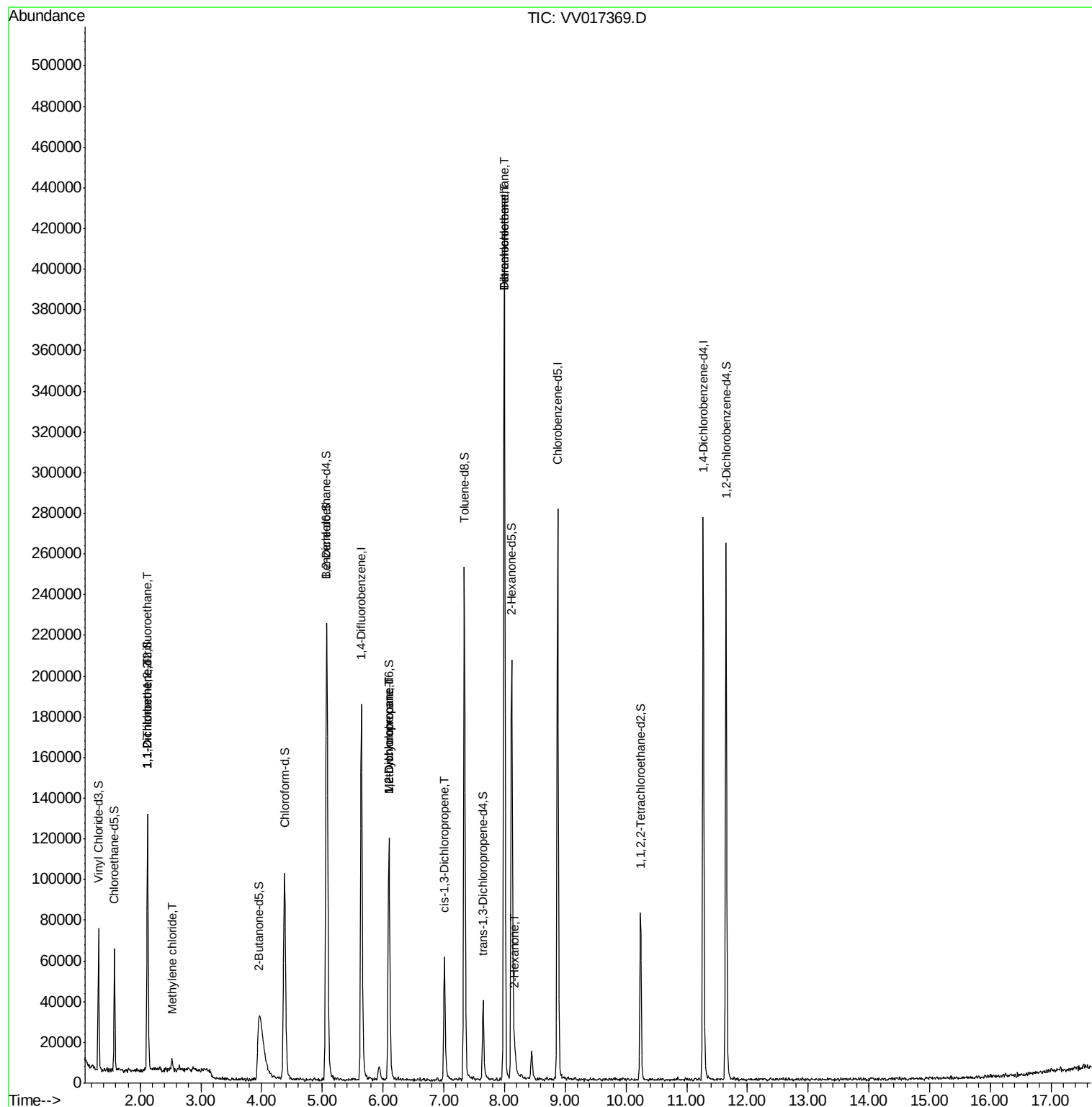
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	745	0.092 ug/L #	27
12) 1,1-Dichloroethene	2.12	96	798	0.109 ug/L #	1
16) Methylene chloride	2.53	84	2089	0.267 ug/L	90
35) Methylcyclohexane	6.10	83	13864	0.773 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7299	0.748 ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	2025	0.140 ug/L #	40
49) Tetrachloroethene	8.00	164	93399	10.057 ug/L	98
50) 2-Hexanone	8.17	43	5715	1.426 ug/L #	80
51) Dibromochloromethane	8.00	129	81568	9.726 ug/L #	12

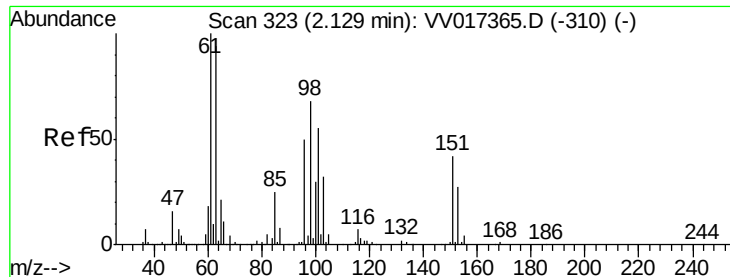
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 08 01:30:57 2020
Response via : Initial Calibration





#10

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

Concen: 0.092 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017369.D

Acq: 07 Jul 2020 11:22

Instrument :

MSVOA_V

ClientSampled :

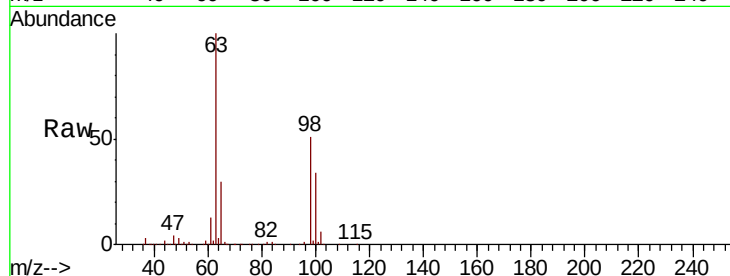
Tot Ion:101 Resp: 745

Ion Ratio Lower Upper

101 100

85 11.3 35.4 53.2#

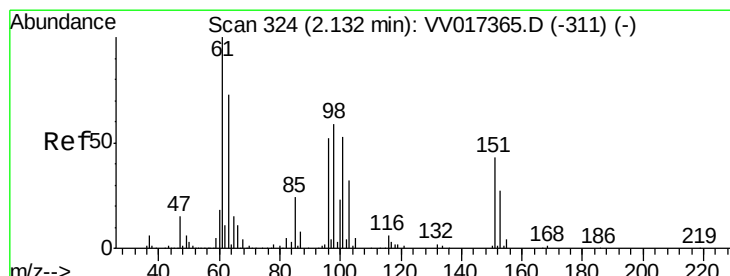
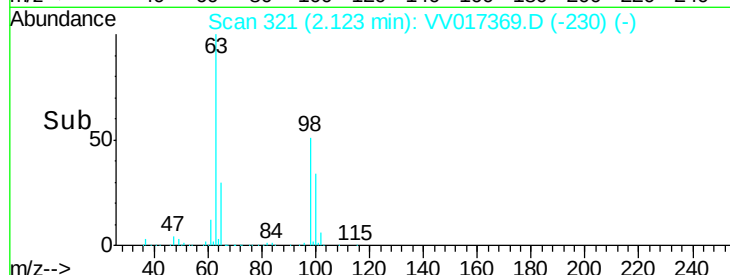
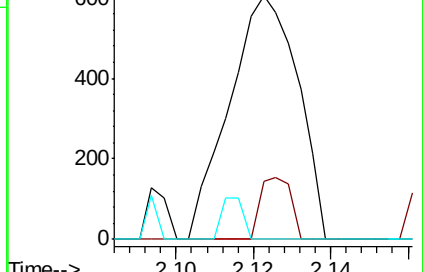
151 5.4 63.9 95.9#



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: 0.109 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017369.D

Acq: 07 Jul 2020 11:22

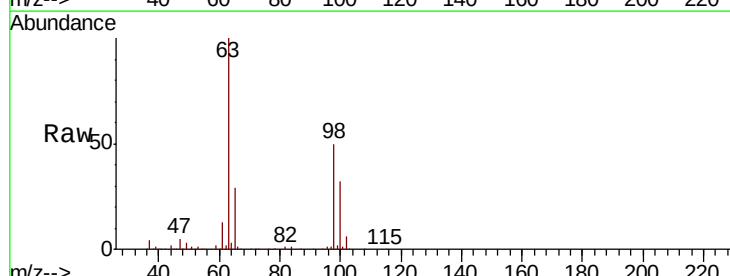
Tgt Ion: 96 Resp: 798

Ion Ratio Lower Upper

96 100

61 1264.6 125.0 232.2#

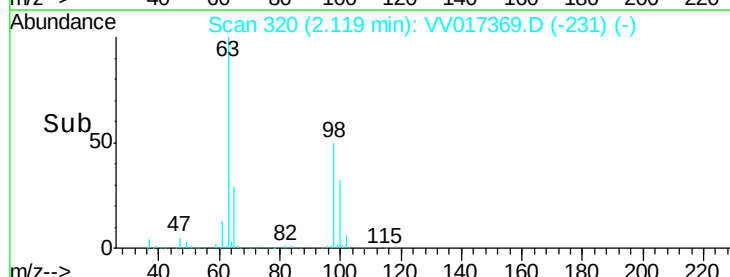
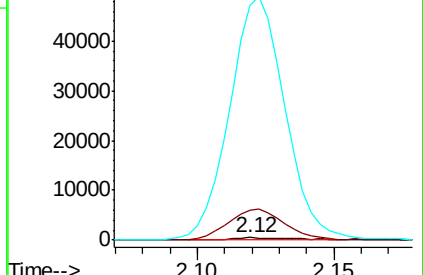
63 9820.0 109.8 203.8#

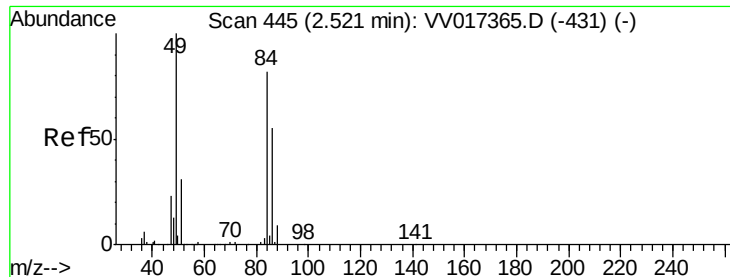


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

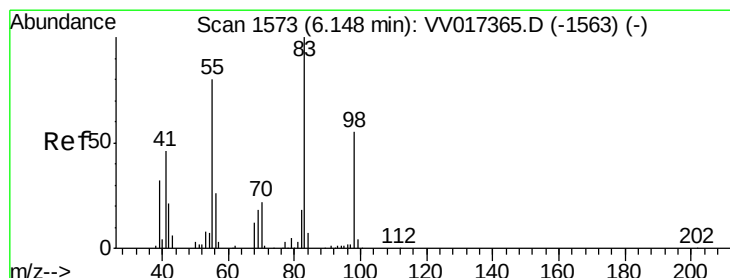
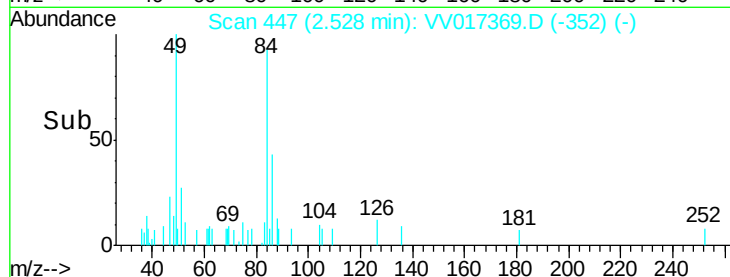
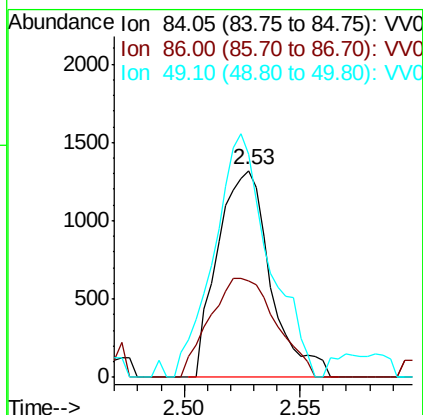
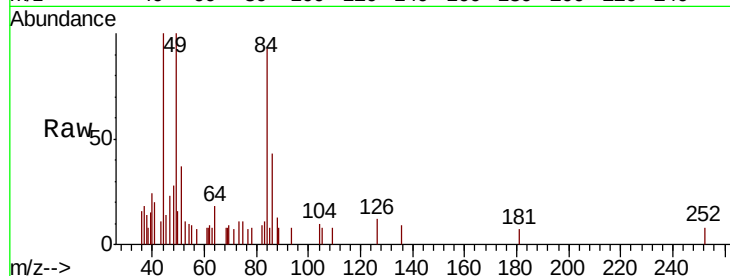




#16
Methylene chloride
Concen: 0.267 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV017369.D
Acq: 07 Jul 2020 11:22

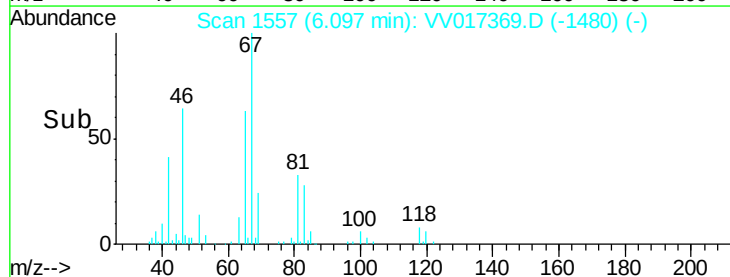
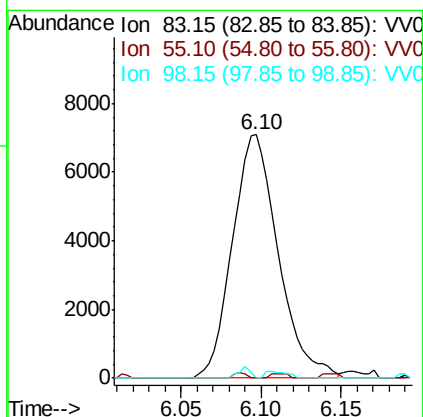
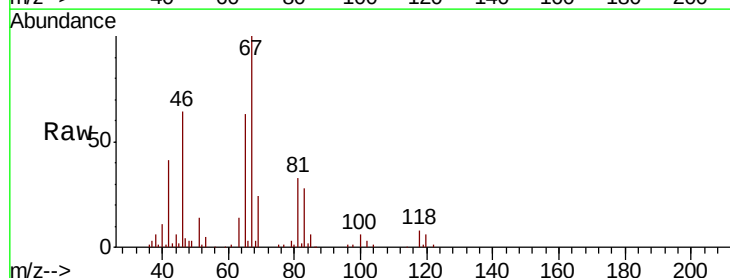
Instrument :
MSVOA_V
ClientSampleId :

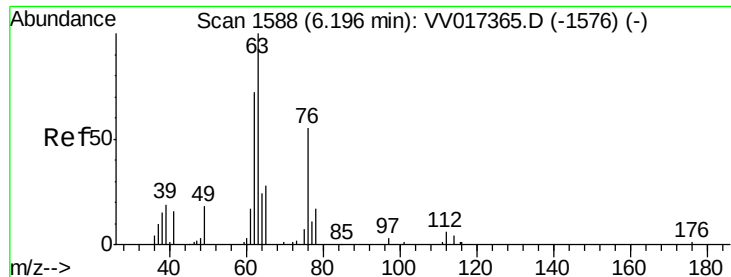
Tot Ion: 84 Resp: 2089
Ion Ratio Lower Upper
84 100
86 46.8 45.8 85.0
49 125.1 89.6 166.4



#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017369.D
Acq: 07 Jul 2020 11:22

Tgt Ion: 83 Resp: 13864
Ion Ratio Lower Upper
83 100
55 0.7 63.6 95.4#
98 1.4 38.8 58.2#

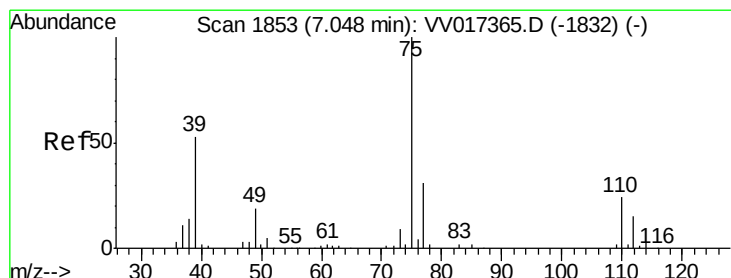
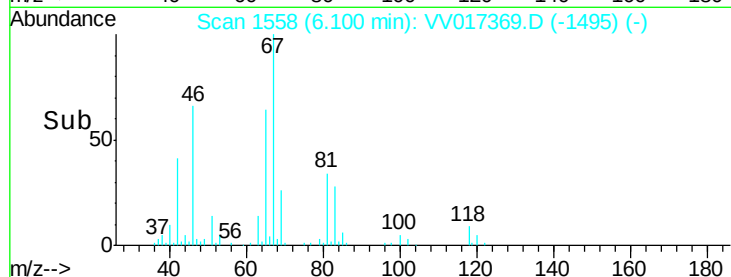
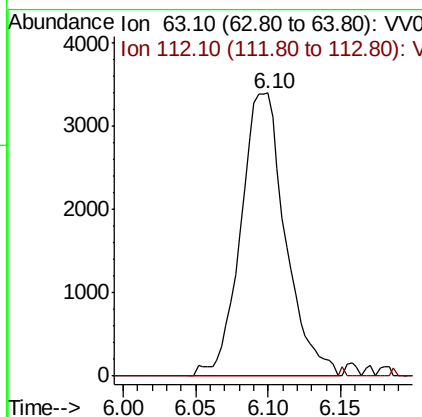
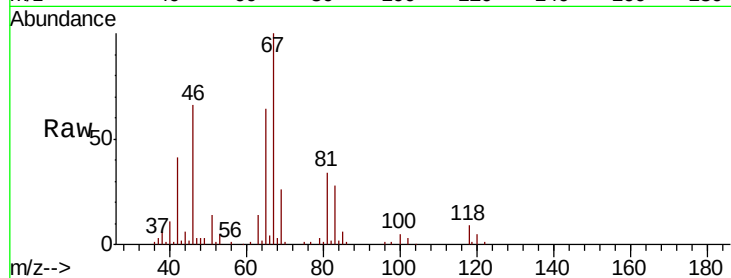




#37
 1,2-Dichloropropane
 Concen: 0.748 ug/L
 RT: 6.10 min Scan# 1558
 Delta R.T. -0.10 min
 Lab File: VV017369.D
 Acq: 07 Jul 2020 11:22

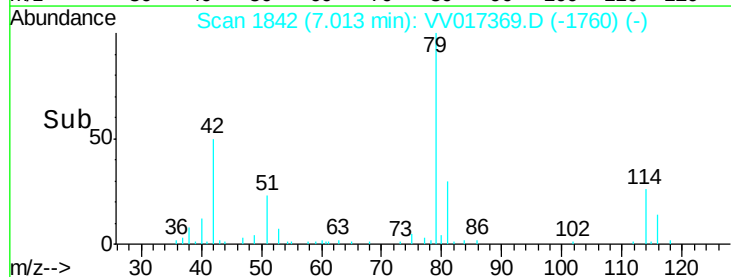
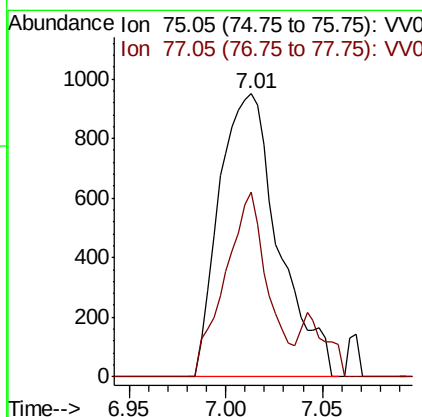
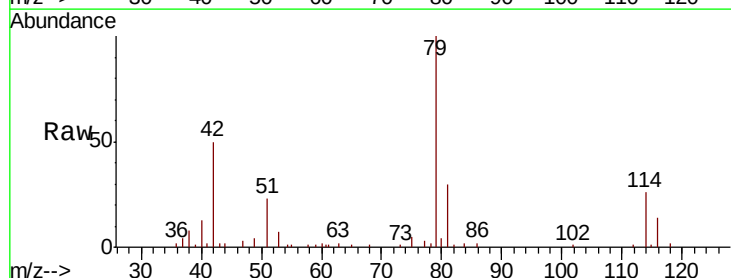
Instrument :
 MSVOA_V
 ClientSampleId :

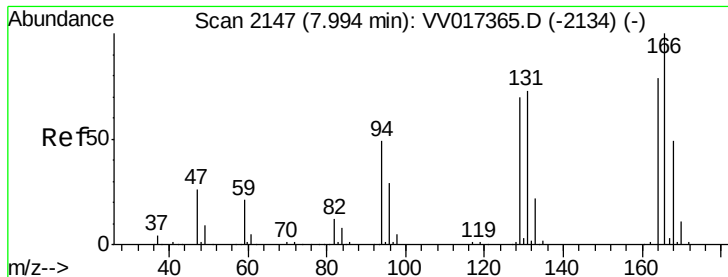
Tot Ion: 63 Resp: 7299
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.140 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV017369.D
 Acq: 07 Jul 2020 11:22

Tgt Ion: 75 Resp: 2025
 Ion Ratio Lower Upper
 75 100
 77 65.5 22.3 41.5#





#49

Tetrachloroethene

Concen: 10.057 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017369.D

Acq: 07 Jul 2020 11:22

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:164 Resp: 93399

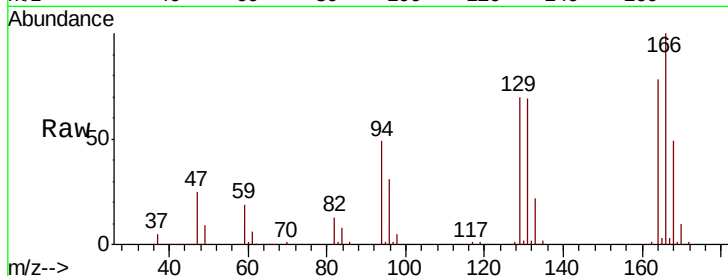
Ion Ratio Lower Upper

164 100

129 89.2 65.2 121.0

131 88.7 64.1 119.1

166 128.3 90.2 167.4

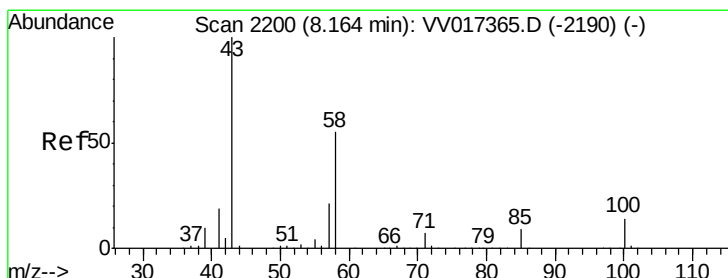
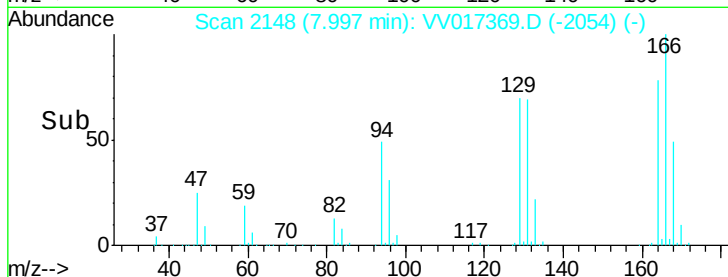
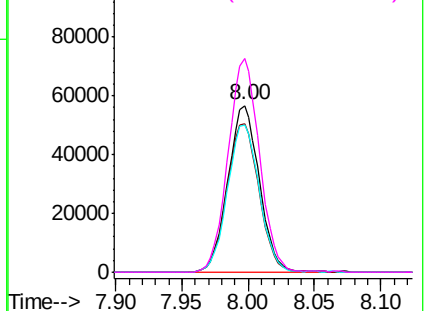


Abundance Ion 163.90 (163.60 to 164.60): V

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



#50

2-Hexanone

Concen: 1.426 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV017369.D

Acq: 07 Jul 2020 11:22

Tgt Ion: 43 Resp: 5715

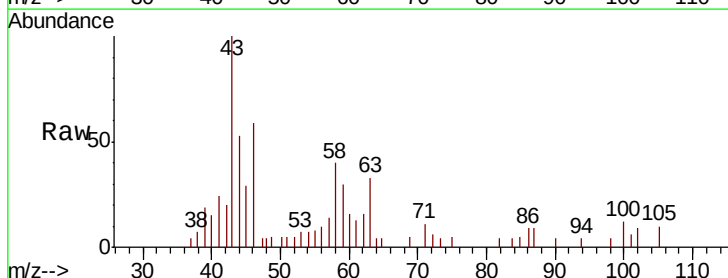
Ion Ratio Lower Upper

43 100

58 41.0 41.6 62.4#

57 2.4 15.4 23.0#

100 7.2 10.1 15.1#

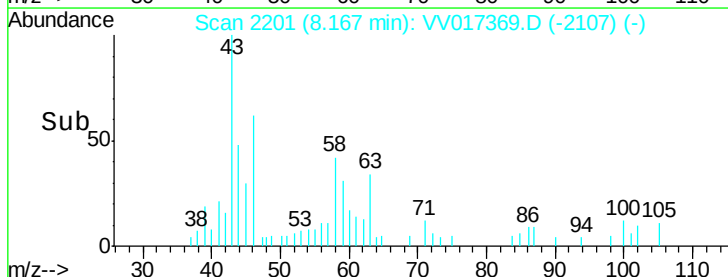
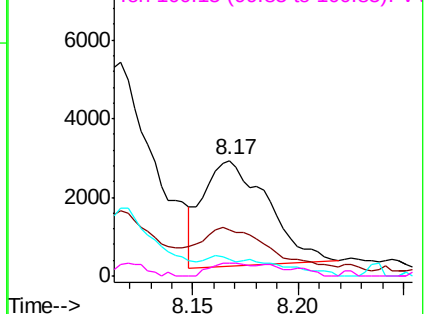


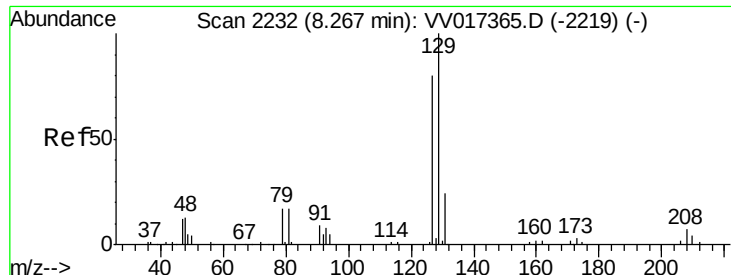
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#51

Dibromochloromethane

Concen: 9.726 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017369.D

Acq: 07 Jul 2020 11:22

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:129 Resp: 81568

Ion Ratio Lower Upper

129 100

127 1.0 54.1 100.5#

