

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
 Data File : VV017372.D
 Acq On : 07 Jul 2020 12:39
 Operator : SY/MD
 Sample : L3168-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 08 01:34:26 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	179394	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	174272	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	84527	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42547	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.58	69	35969	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.13	63	69194	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.93	46	103378	37.67	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.34%
24) Chloroform-d	4.38	84	98083	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.06	65	53374	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.08	84	174537	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
36) 1,2-Dichloropropane-d6	6.10	67	51508	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.20%
41) Toluene-d8	7.34	98	160724	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
45) trans-1,3-Dichloropropene-	7.65	79	20694	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
48) 2-Hexanone-d5	8.11	63	69685	32.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.88%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36417	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	66028	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%

Target Compounds

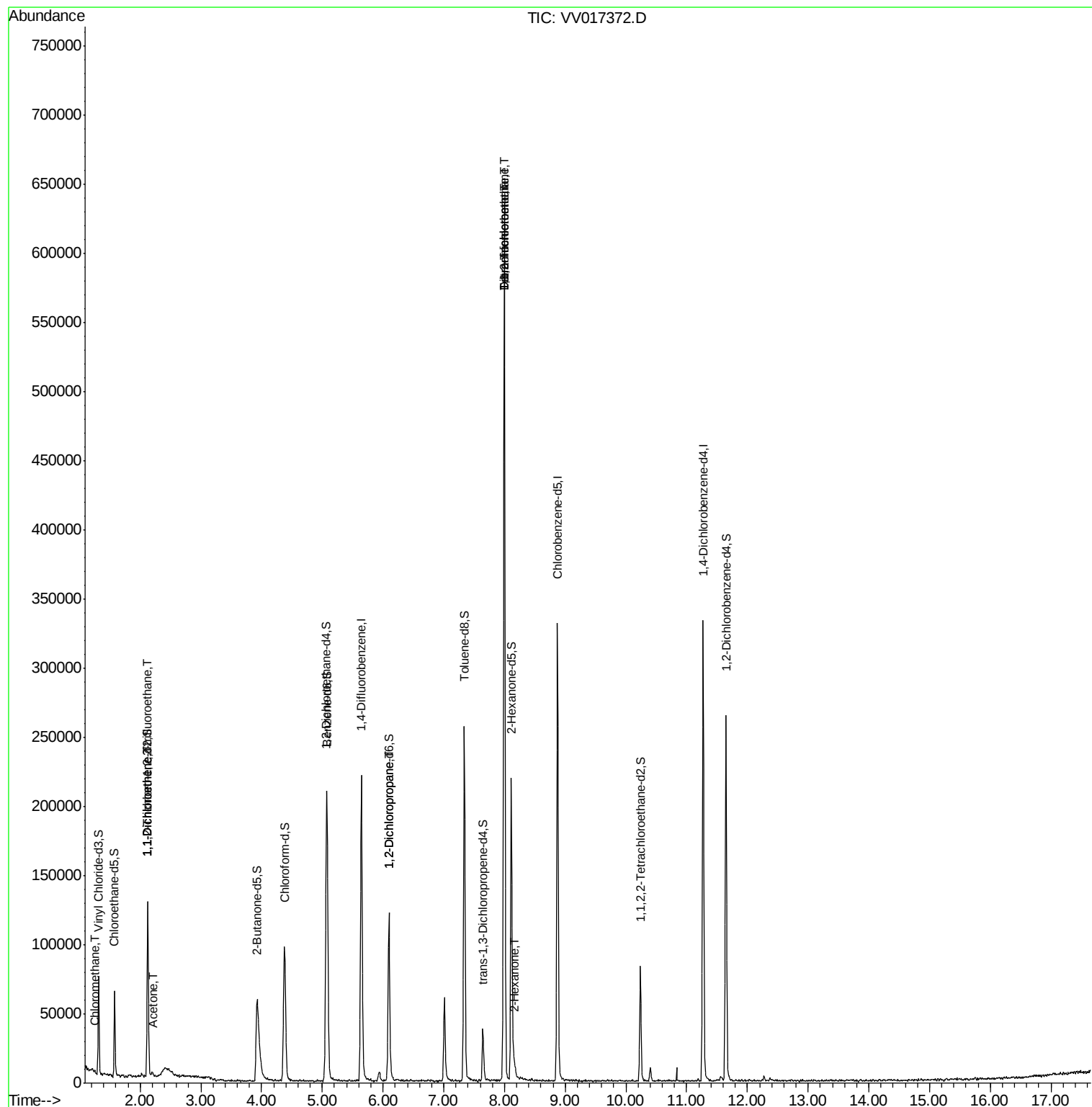
					Ovalue
3) Chloromethane	1.25	50	963	0.079 ug/L #	70
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	780	0.082 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	898	0.104 ug/L #	1
13) Acetone	2.20	43	4541	3.274 ug/L	86
37) 1,2-Dichloropropane	6.10	63	7118	0.630 ug/L #	84
47) 1,1,2-Trichloroethane	7.99	97	1478	0.184 ug/L #	1
49) Tetrachloroethene	8.00	164	139056	12.928 ug/L	96
50) 2-Hexanone	8.16	43	4607	0.992 ug/L #	89
51) Dibromochloromethane	8.00	129	122480	12.610 ug/L #	11

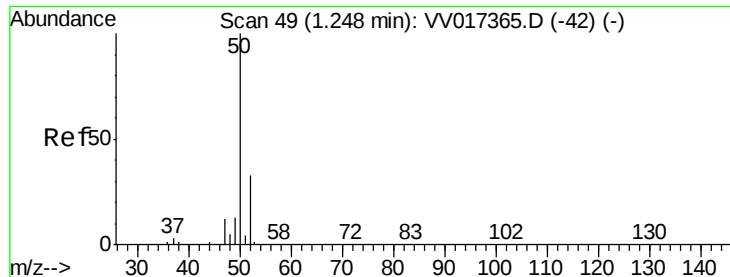
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.079 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV017372.D

Acq: 07 Jul 2020 12:39

Instrument :

MSVOA_V

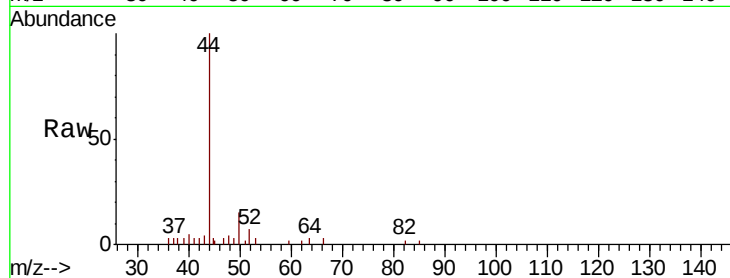
ClientSampleId :

Tot Ion: 50 Resp: 963

Ion Ratio Lower Upper

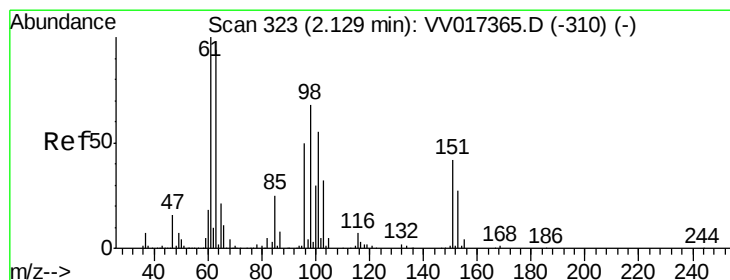
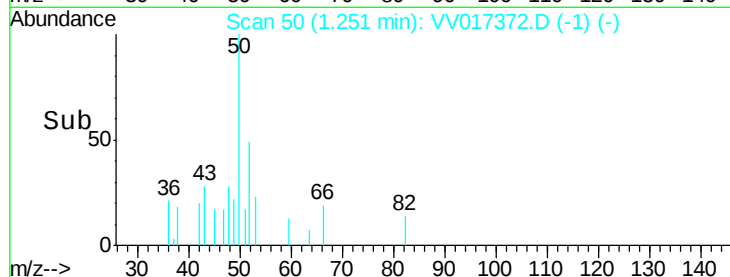
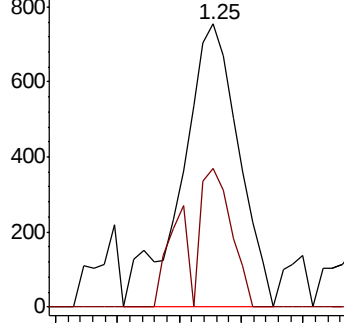
50 100

52 49.2 22.5 41.9#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#10

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

Concen: 0.082 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017372.D

Acq: 07 Jul 2020 12:39

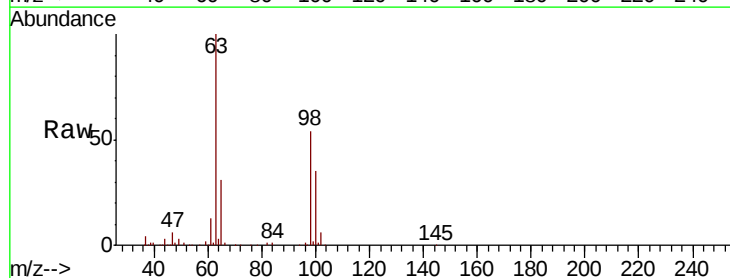
Tgt Ion:101 Resp: 780

Ion Ratio Lower Upper

101 100

85 5.3 35.4 53.2#

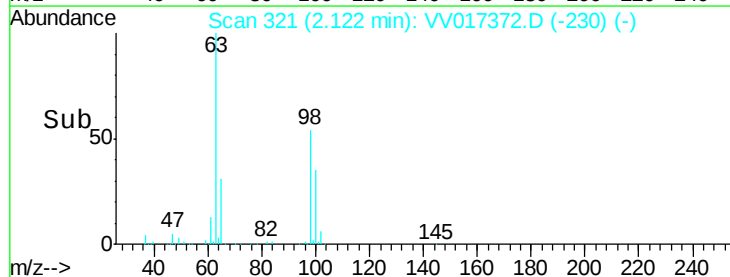
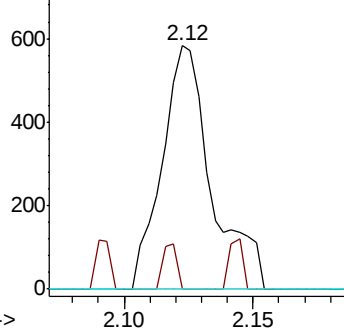
151 0.0 63.9 95.9#

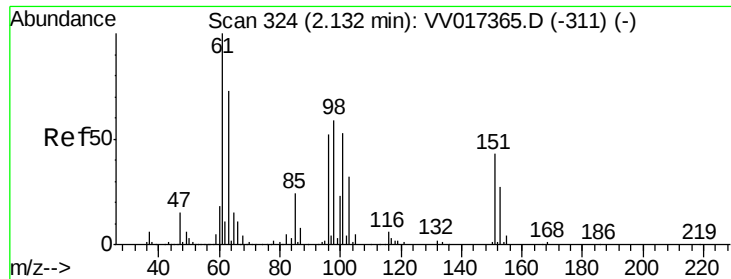


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.104 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017372.D

Acq: 07 Jul 2020 12:39

Instrument :
MSVOA_V
ClientSampleId :

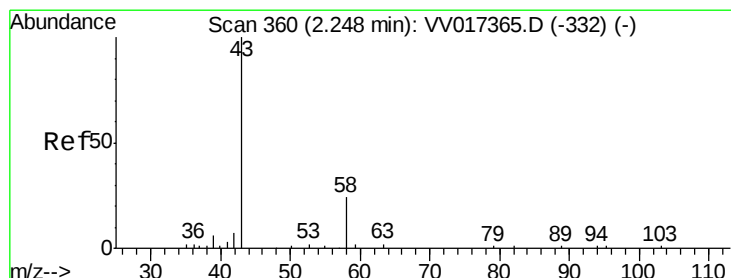
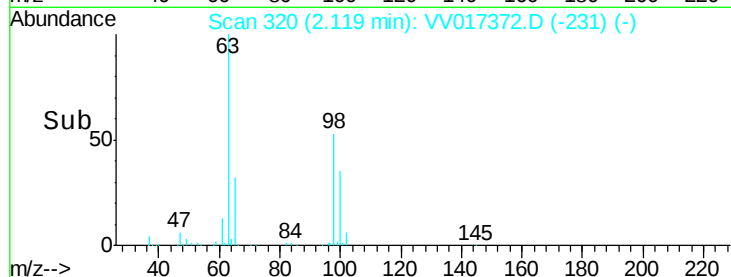
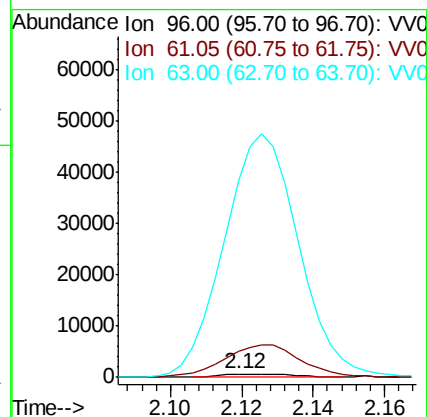
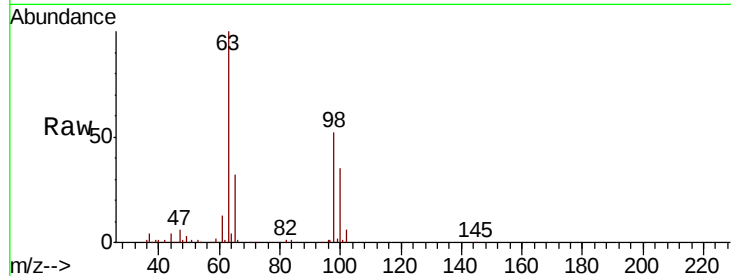
Tot Ion: 96 Resp: 898

Ion Ratio Lower Upper

96 100

61 743.3 125.0 232.2#

63 5740.3 109.8 203.8#



#13

Acetone

Concen: 3.274 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.05 min

Lab File: VV017372.D

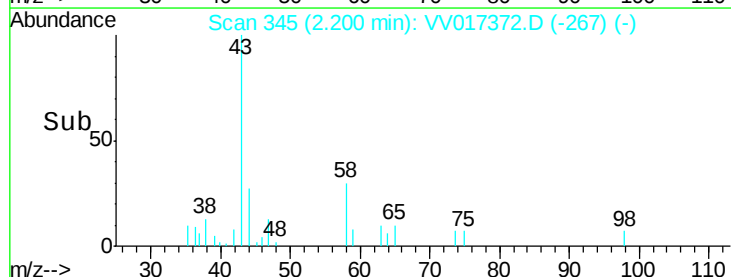
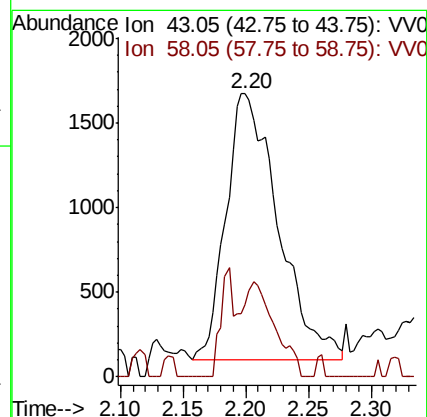
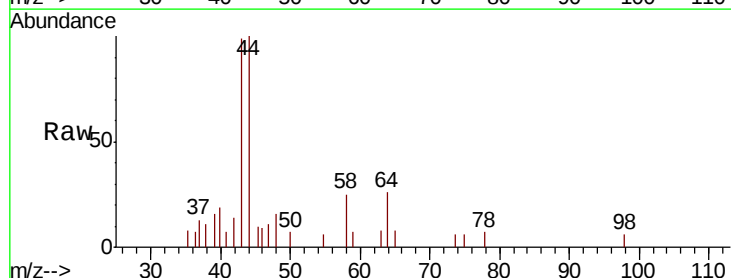
Acq: 07 Jul 2020 12:39

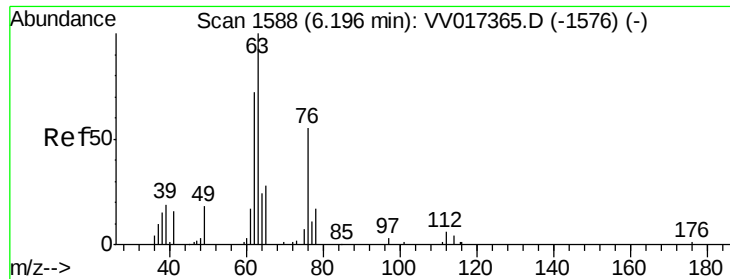
Tgt Ion: 43 Resp: 4541

Ion Ratio Lower Upper

43 100

58 21.7 0.0 58.4

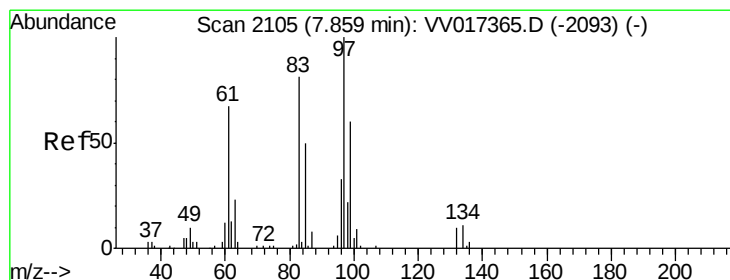
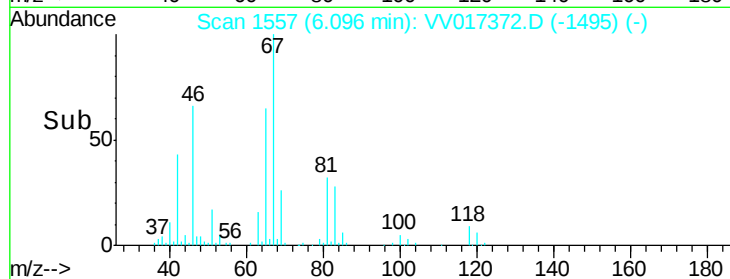
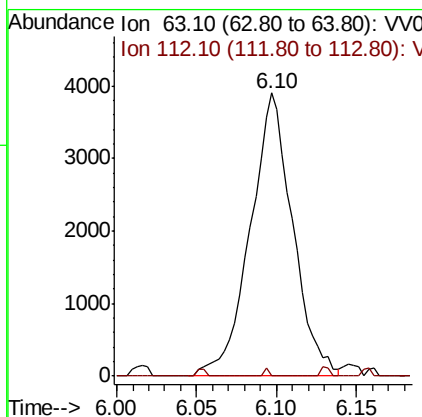
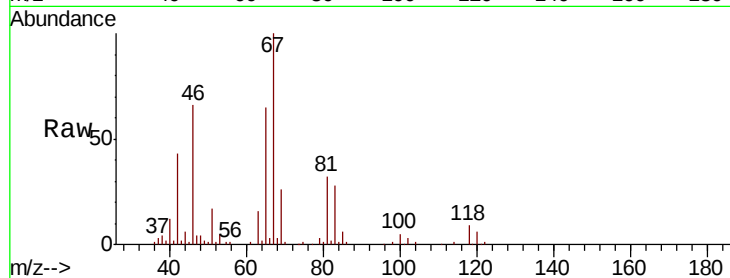




#37
 1,2-Dichloropropane
 Concen: 0.630 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017372.D
 Acq: 07 Jul 2020 12:39

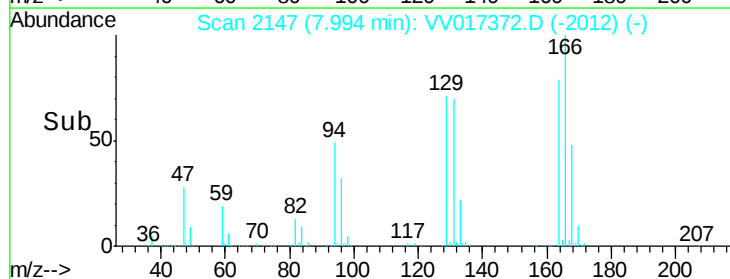
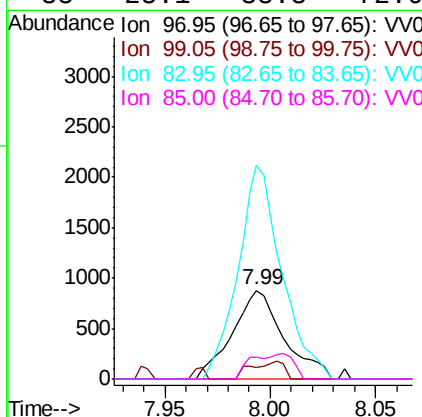
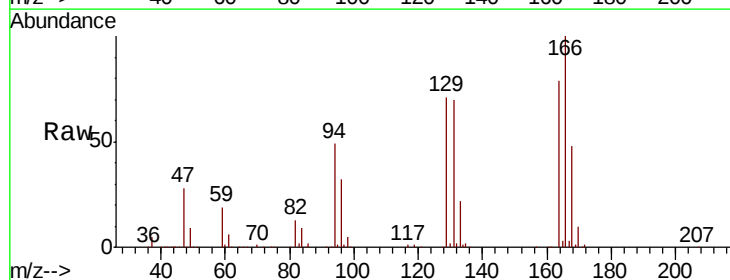
Instrument :
 MSVOA_V
 ClientSampleId :

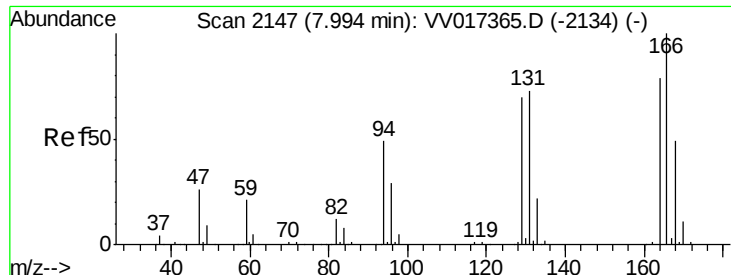
Tot Ion: 63 Resp: 7118
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.4 6.6#



#47
 1,1,2-Trichloroethane
 Concen: 0.184 ug/L
 RT: 7.99 min Scan# 2147
 Delta R.T. 0.13 min
 Lab File: VV017372.D
 Acq: 07 Jul 2020 12:39

Tgt Ion: 97 Resp: 1478
 Ion Ratio Lower Upper
 97 100
 99 13.2 43.6 81.0#
 83 241.5 57.4 106.6#
 85 25.1 38.8 72.0#





#49

Tetrachloroethene

Concen: 12.928 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017372.D

Acq: 07 Jul 2020 12:39

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 139056

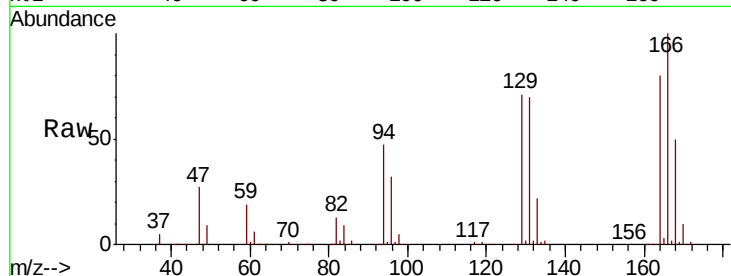
Ion Ratio Lower Upper

164 100

129 88.8 65.2 121.0

131 87.6 64.1 119.1

166 125.2 90.2 167.4

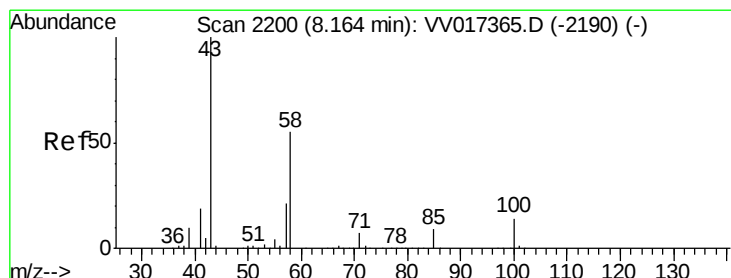
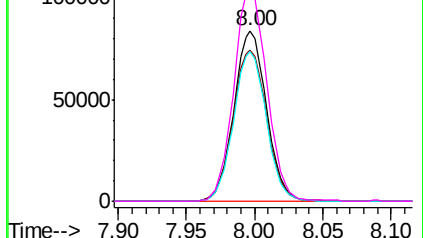
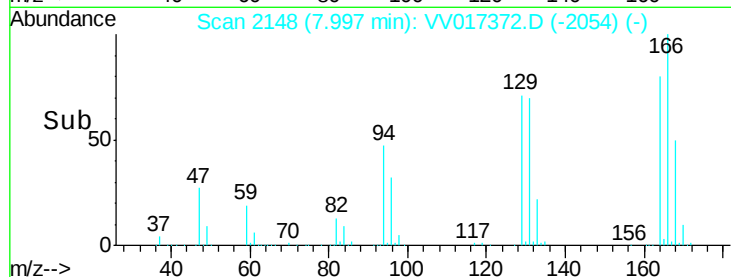


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.992 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. -0.00 min

Lab File: VV017372.D

Acq: 07 Jul 2020 12:39

Tgt Ion: 43 Resp: 4607

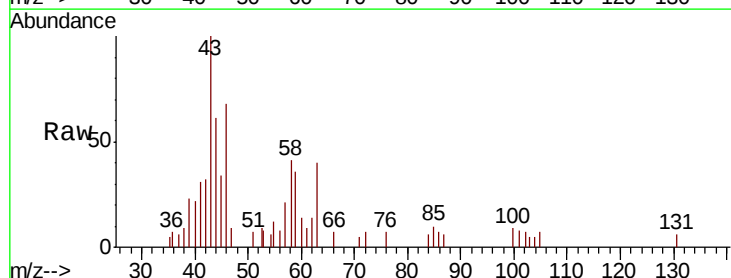
Ion Ratio Lower Upper

43 100

58 46.5 41.6 62.4

57 12.4 15.4 23.0#

100 6.4 10.1 15.1#

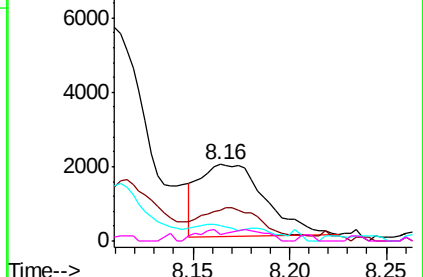
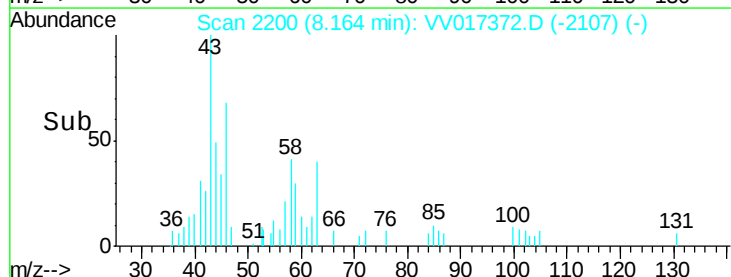


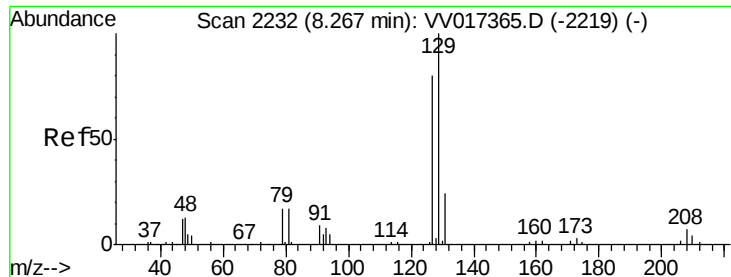
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 12.610 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017372.D

Acq: 07 Jul 2020 12:39

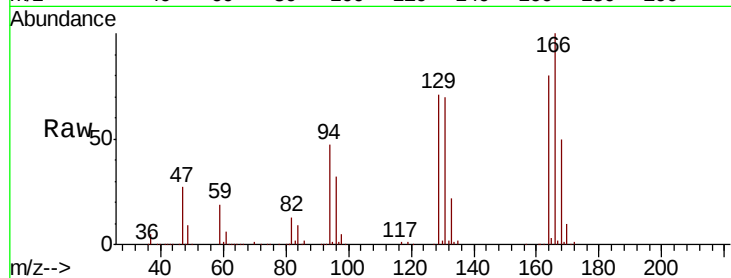
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 122480

Ion Ratio Lower Upper

129 100

127 0.3 54.1 100.5#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

