

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
 Data File : VV017368.D
 Acq On : 07 Jul 2020 10:58
 Operator : SY/MD
 Sample : L3168-10DL 200X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 08 01:33:47 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	153725	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	153436	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73288	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38721	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	32662	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.12	63	66171	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	3.96	46	94353	40.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.26%
24) Chloroform-d	4.38	84	98025	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.06	65	52868	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.07	84	174345	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.10	67	49753	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.40%
41) Toluene-d8	7.34	98	157970	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
45) trans-1,3-Dichloropropene-	7.65	79	20452	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
48) 2-Hexanone-d5	8.12	63	67142	35.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.00%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34699	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	65519	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

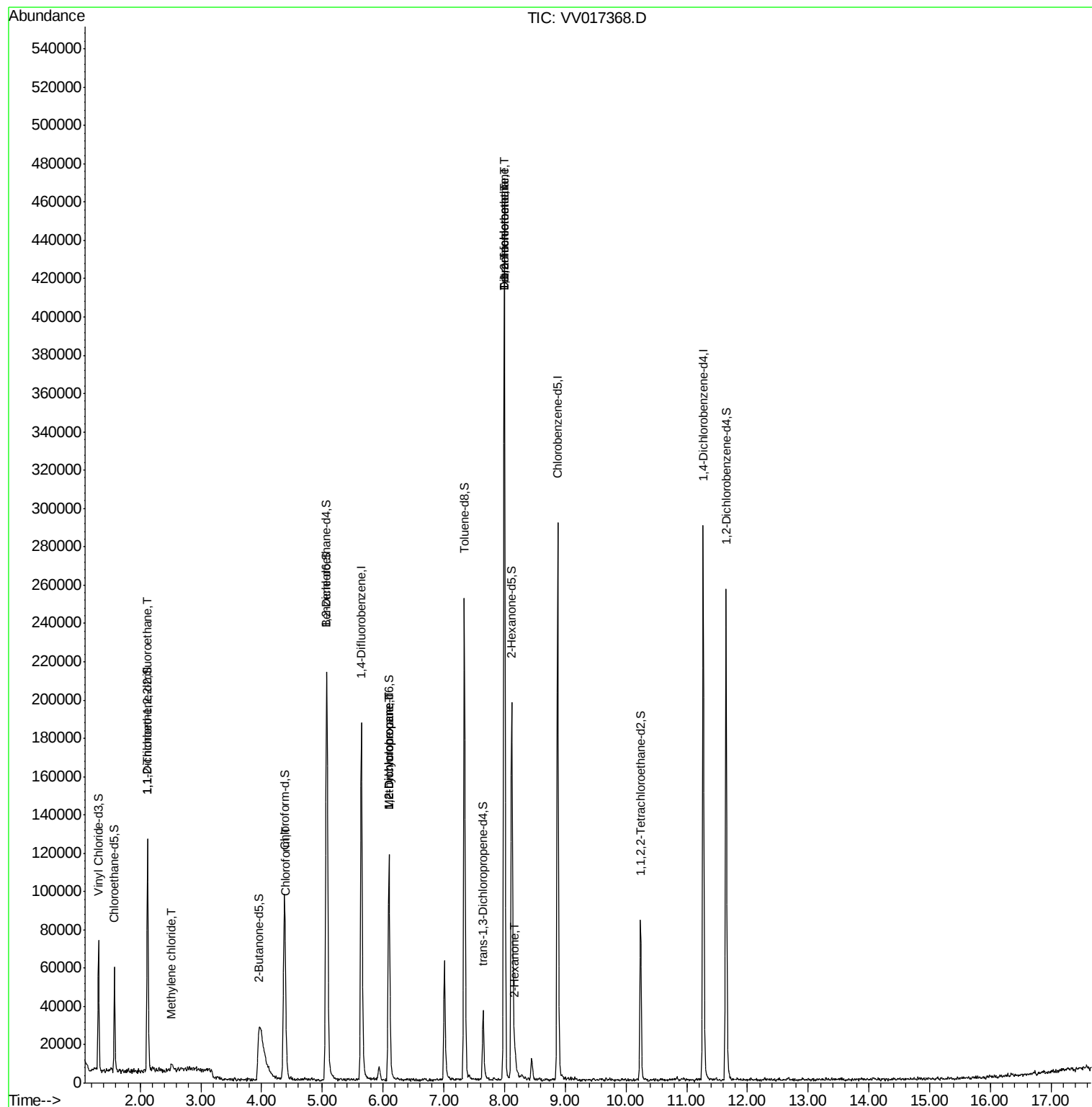
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	701	0.086	ug/L #	25
16) Methylene chloride	2.52	84	1774	0.225	ug/L	96
25) Chloroform	4.40	83	3154	0.164	ug/L	98
35) Methylcyclohexane	6.10	83	13807	0.755	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	6698	0.673	ug/L #	85
47) 1,1,2-Trichloroethane	8.00	97	968	0.137	ug/L #	45
49) Tetrachloroethene	8.00	164	100072	10.567	ug/L	98
50) 2-Hexanone	8.17	43	6086	1.489	ug/L #	90
51) Dibromochloromethane	8.00	129	88360	10.332	ug/L #	11

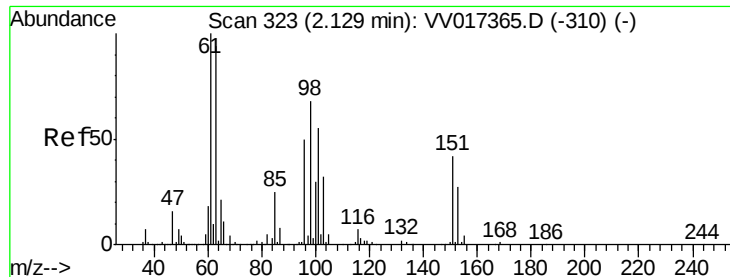
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 08 01:30:57 2020
Response via : Initial Calibration





#10

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

Concen: 0.086 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV017368.D

Acq: 07 Jul 2020 10:58

Instrument :

MSVOA_V

ClientSampled :

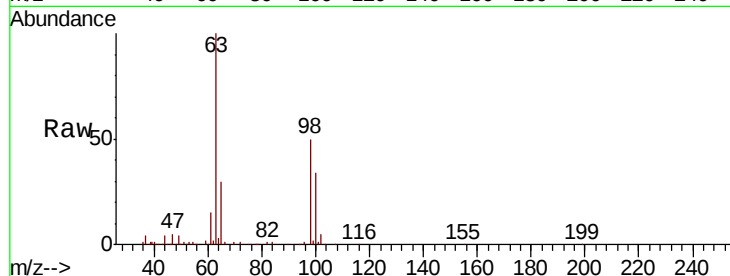
Tot Ion:101 Resp: 701

Ion Ratio Lower Upper

101 100

85 14.4 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

2.12

400

300

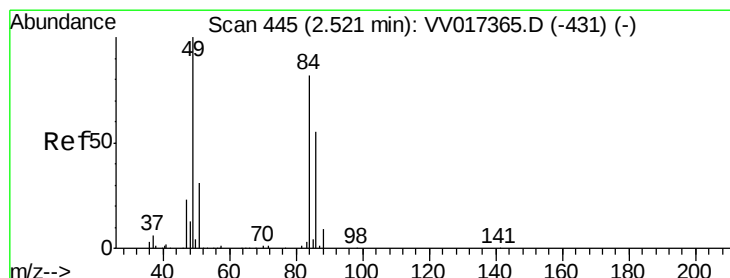
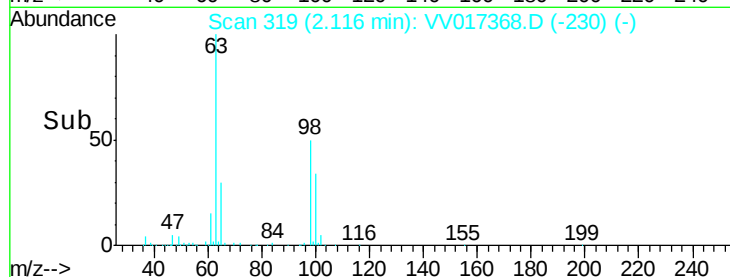
200

100

0

2.08 2.10 2.12 2.14

Time-->



#16

Methylene chloride

Concen: 0.225 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV017368.D

Acq: 07 Jul 2020 10:58

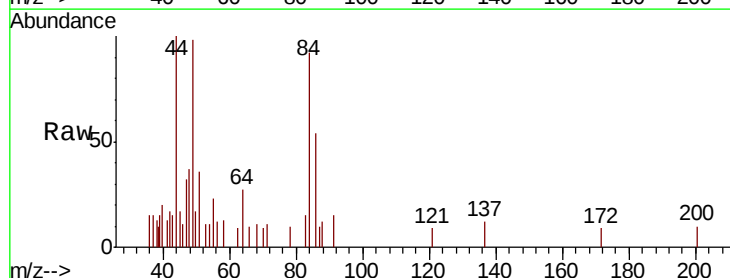
Tgt Ion: 84 Resp: 1774

Ion Ratio Lower Upper

84 100

86 58.9 45.8 85.0

49 125.9 89.6 166.4



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

1500

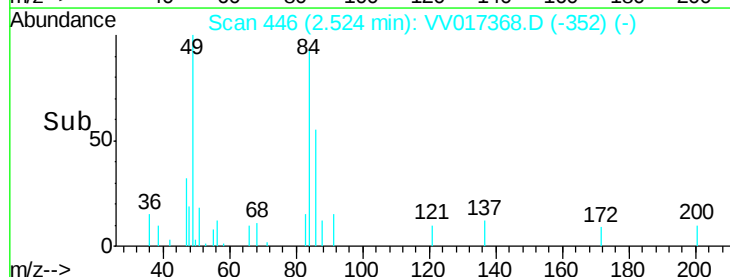
1000

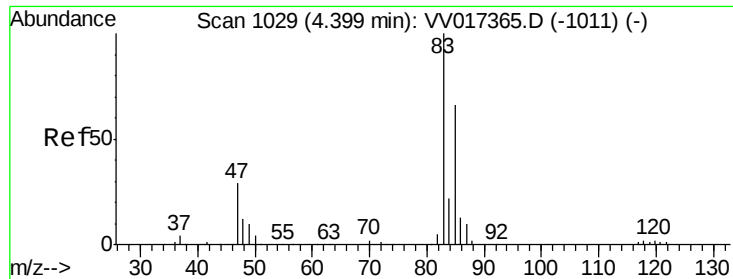
500

0

2.50 2.52 2.54 2.56

Time-->

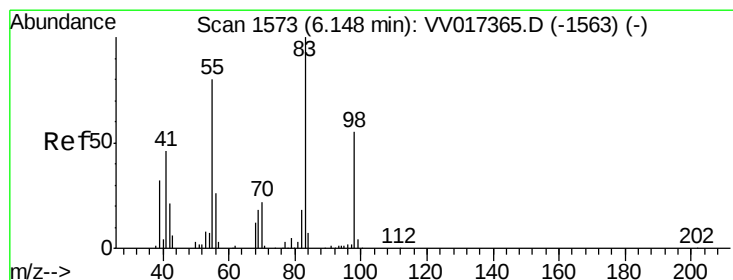
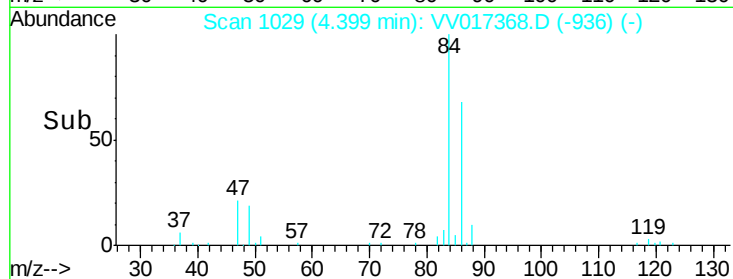
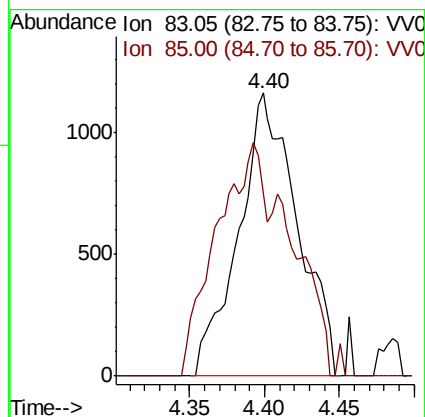
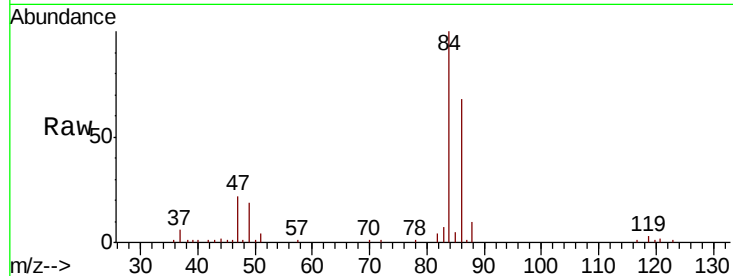




#25
Chloroform
Concen: 0.164 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV017368.D
Acq: 07 Jul 2020 10:58

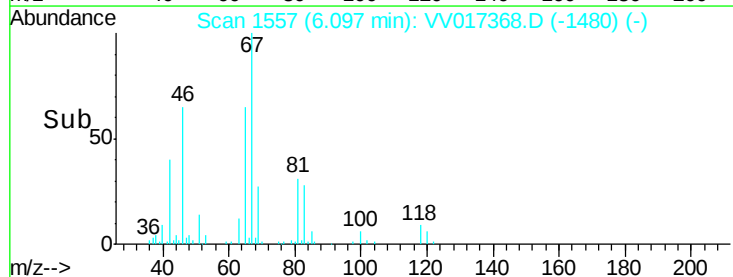
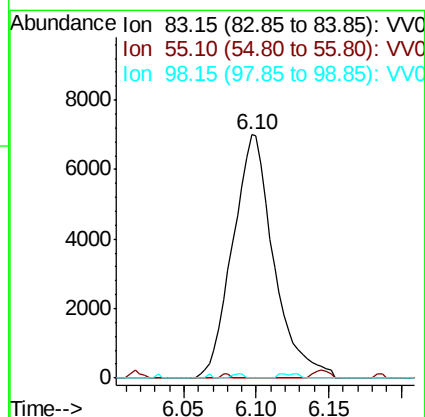
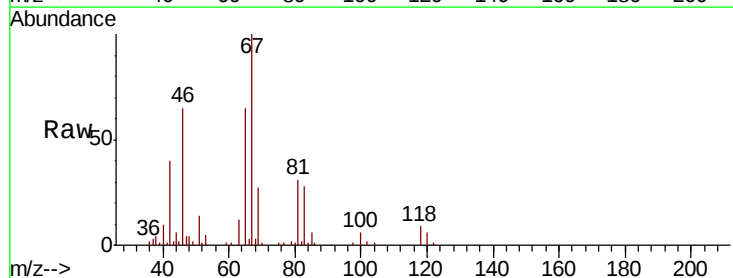
Instrument :
MSVOA_V
ClientSampled :

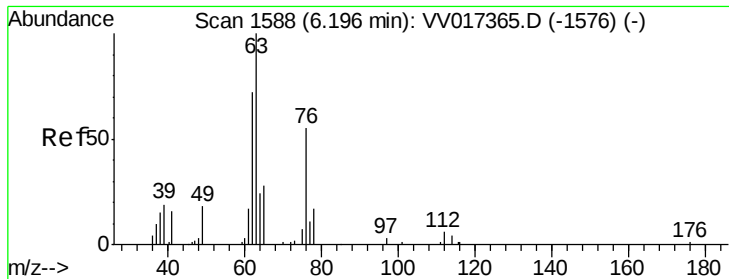
Tot Ion: 83 Resp: 3154
Ion Ratio Lower Upper
83 100
85 64.4 44.2 82.2



#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017368.D
Acq: 07 Jul 2020 10:58

Tgt Ion: 83 Resp: 13807
Ion Ratio Lower Upper
83 100
55 0.4 63.6 95.4#
98 0.5 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.673 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017368.D

Acq: 07 Jul 2020 10:58

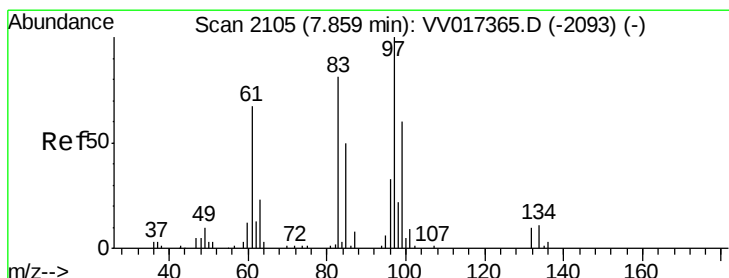
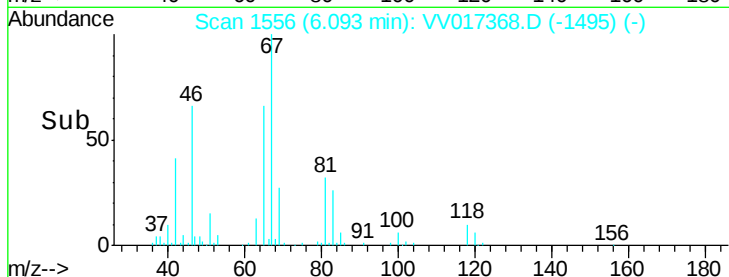
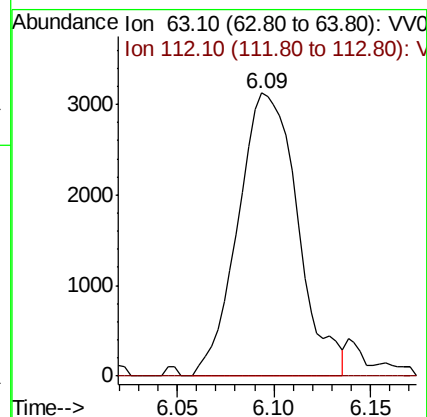
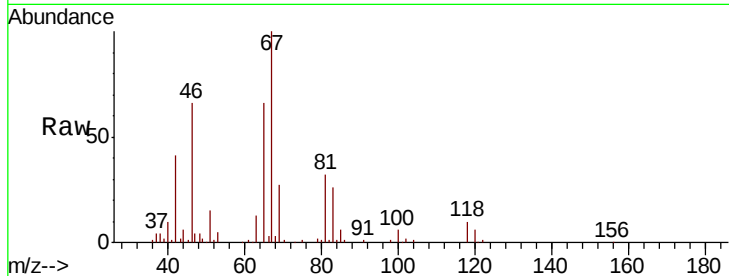
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 6698

Ion Ratio Lower Upper

63 100

112 0.6 4.4 6.6#



#47

1,1,2-Trichloroethane

Concen: 0.137 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.14 min

Lab File: VV017368.D

Acq: 07 Jul 2020 10:58

Tgt Ion: 97 Resp: 968

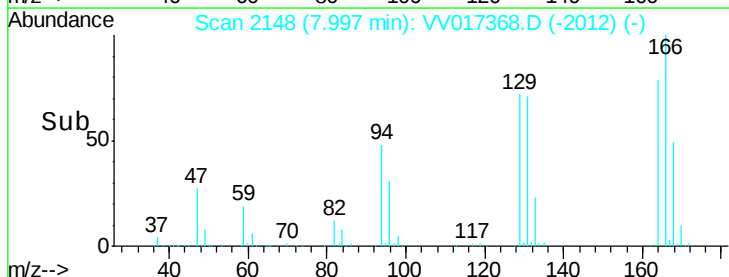
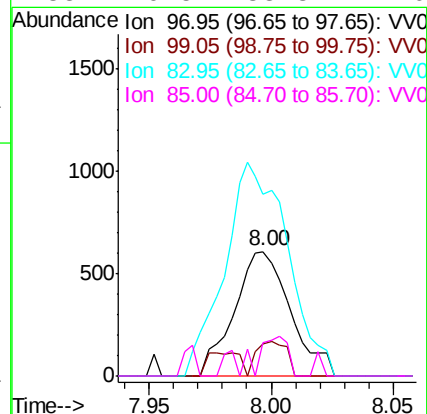
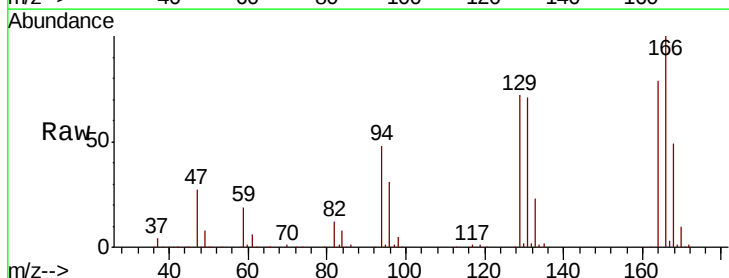
Ion Ratio Lower Upper

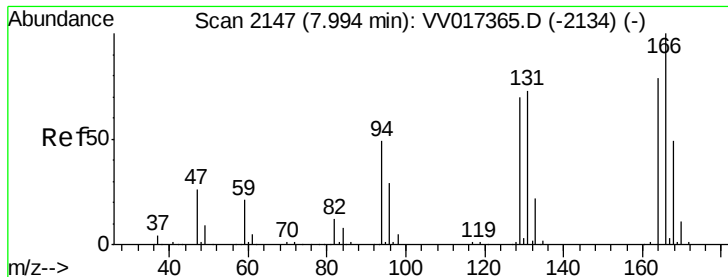
97 100

99 25.4 43.6 81.0#

83 146.0 57.4 106.6#

85 26.5 38.8 72.0#





#49

Tetrachloroethene

Concen: 10.567 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017368.D

Acq: 07 Jul 2020 10:58

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 100072

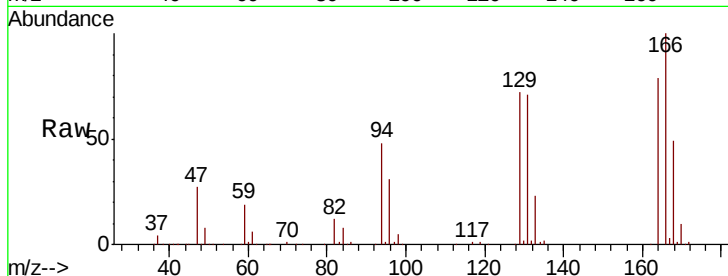
Ion Ratio Lower Upper

164 100

129 91.0 65.2 121.0

131 90.2 64.1 119.1

166 127.3 90.2 167.4

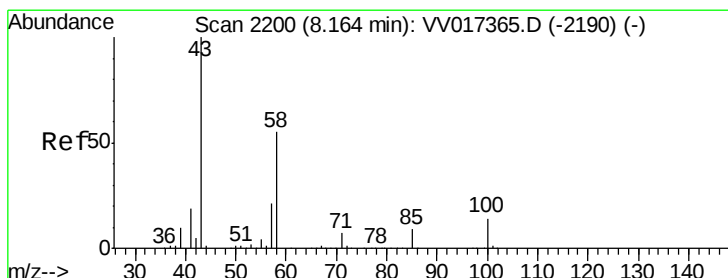
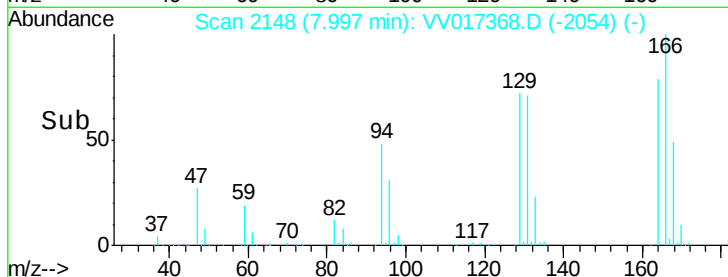
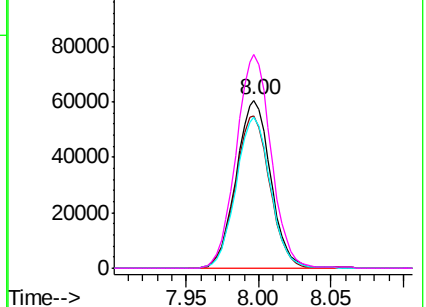


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.489 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV017368.D

Acq: 07 Jul 2020 10:58

Tgt Ion: 43 Resp: 6086

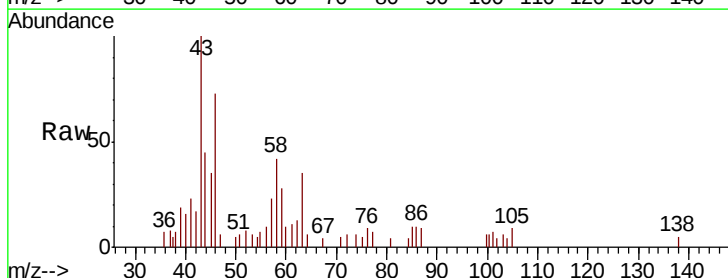
Ion Ratio Lower Upper

43 100

58 44.4 41.6 62.4

57 17.3 15.4 23.0

100 6.7 10.1 15.1#

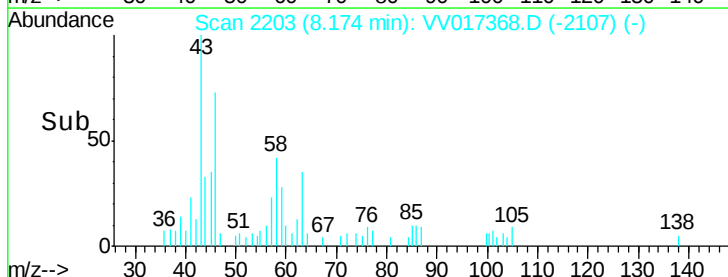
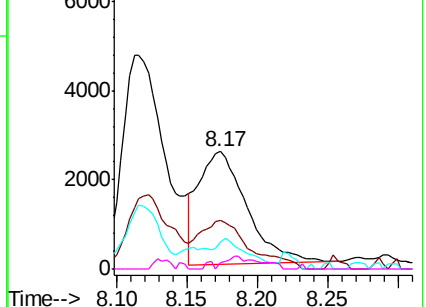


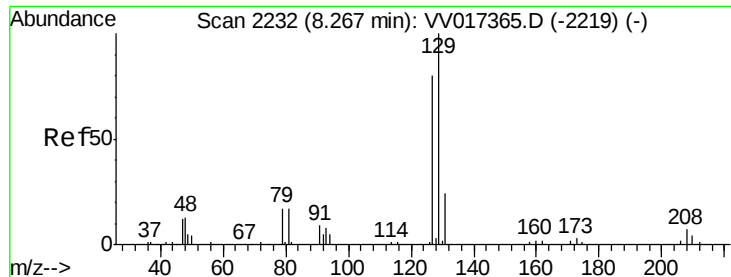
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 10.332 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017368.D

Acq: 07 Jul 2020 10:58

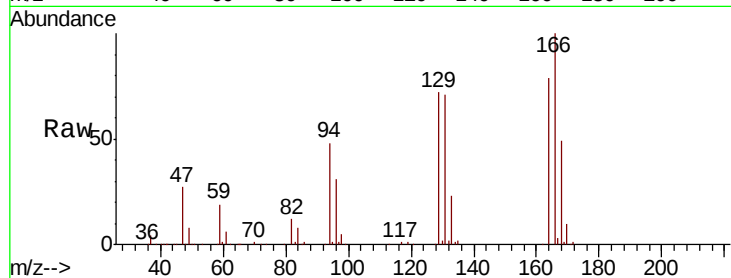
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 88360

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



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

