

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
 Data File : VV017380.D
 Acq On : 07 Jul 2020 15:50
 Operator : SY/MD
 Sample : L3154-13DL 4X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 08 01:35:51 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	164771	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	160184	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75835	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39443	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.58	69	33318	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.13	63	64225	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.93	46	98182	38.95	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.90%
24) Chloroform-d	4.38	84	91763	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.06	65	51951	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.08	84	168432	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.10	67	46677	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.00%
41) Toluene-d8	7.34	98	150925	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
45) trans-1,3-Dichloropropene-	7.64	79	20055	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
48) 2-Hexanone-d5	8.11	63	66887	33.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.76%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34136	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	64221	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

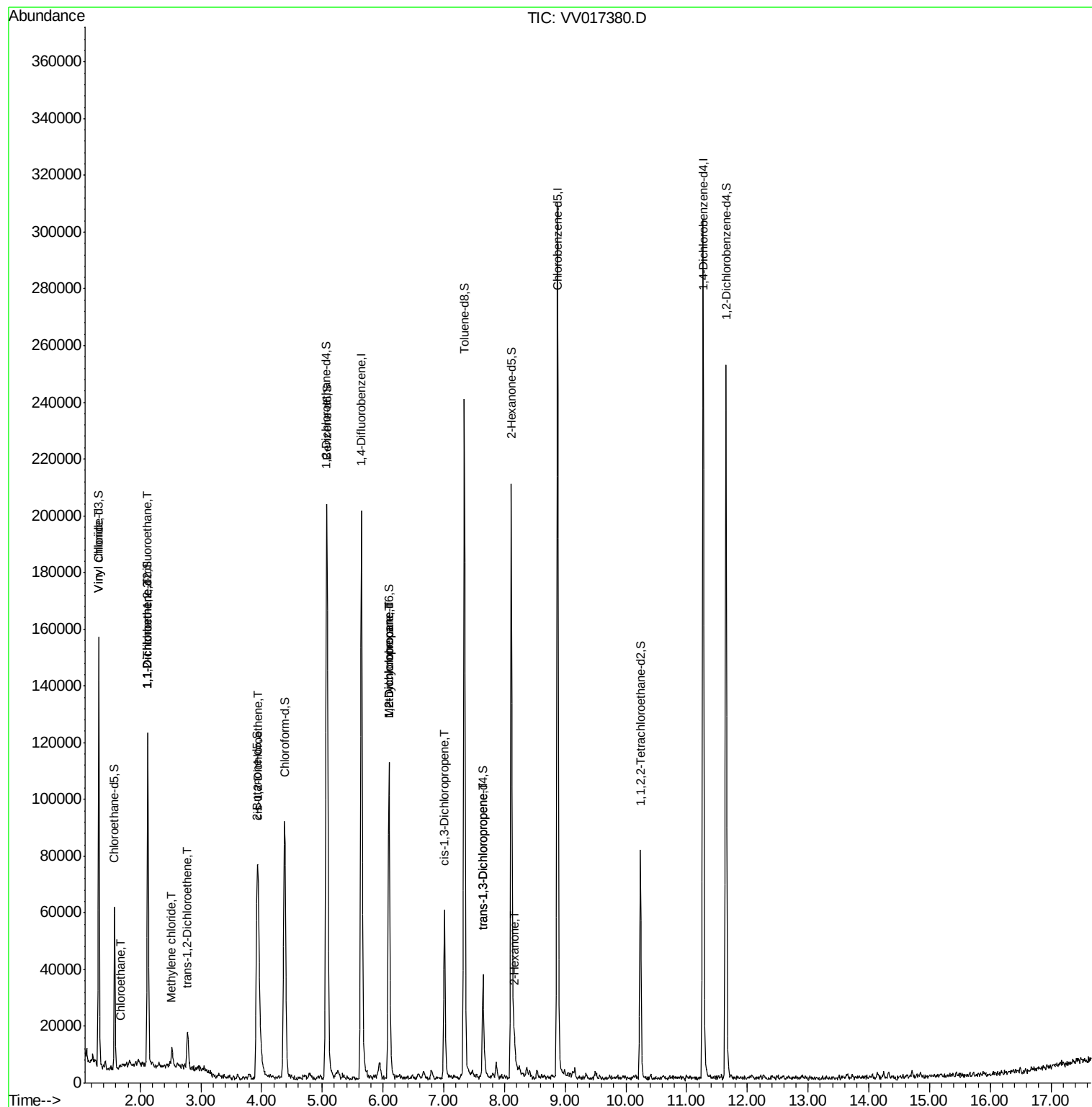
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	53856	4.981	ug/L	98
8) Chloroethane	1.67	64	1592	0.266	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	626	0.072	ug/L #	26
12) 1,1-Dichloroethene	2.12	96	832	0.105	ug/L #	1
16) Methylene chloride	2.53	84	1922	0.227	ug/L	89
18) trans-1,2-Dichloroethene	2.78	96	4103	0.490	ug/L	88
22) cis-1,2-Dichloroethene	3.95	96	13461	1.175	ug/L	96
35) Methylcyclohexane	6.09	83	13830	0.724	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	6999	0.674	ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	1667	0.108	ug/L #	74
46) trans-1,3-Dichloropropene	7.64	75	889	0.067	ug/L #	56
50) 2-Hexanone	8.17	43	4660	1.092	ug/L #	65

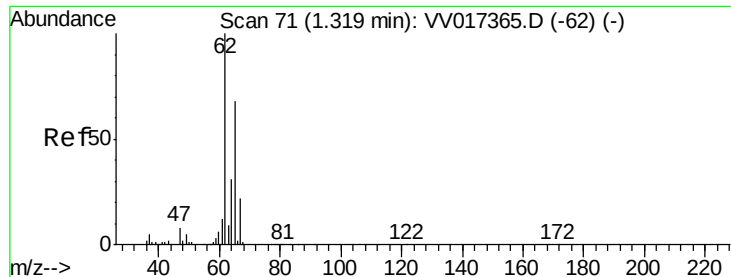
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 4.981 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017380.D

Acq: 07 Jul 2020 15:50

Instrument :

MSVOA_V

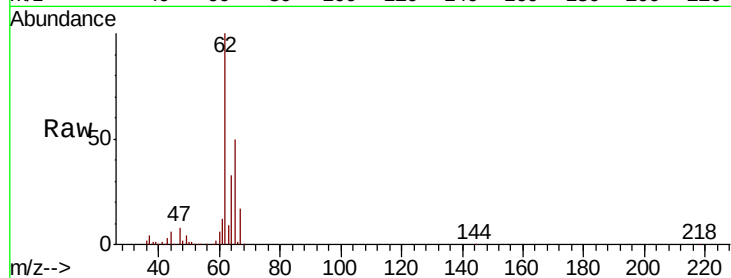
ClientSampleId :

Tot Ion: 62 Resp: 53856

Ion Ratio Lower Upper

62 100

64 33.4 22.5 41.7

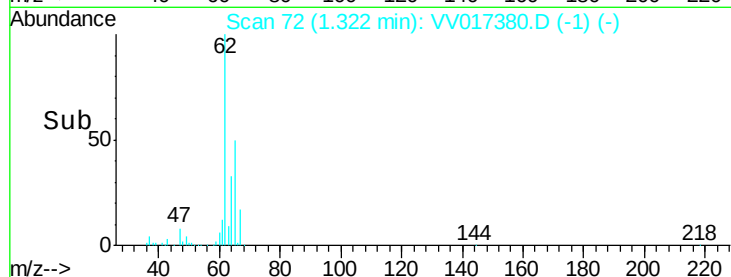


Abundance Ion 62.00 (61.70 to 62.70): VV017380.D (-62) (-)

Ion 64.10 (63.80 to 64.80): VV017380.D (-64) (-)

1.32

Time-->



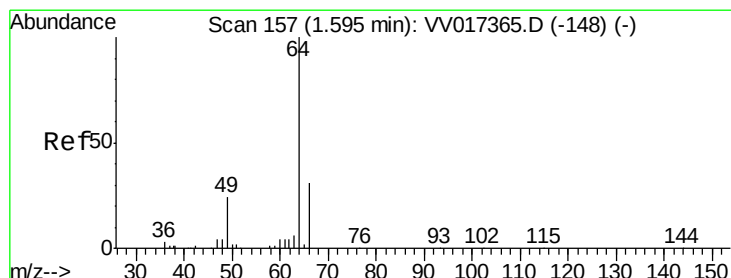
Abundance

Ion 62.00 (61.70 to 62.70): VV017380.D (-62) (-)

Ion 64.10 (63.80 to 64.80): VV017380.D (-64) (-)

1.32

Time-->



#8

Chloroethane

Concen: 0.266 ug/L

RT: 1.67 min Scan# 180

Delta R.T. 0.07 min

Lab File: VV017380.D

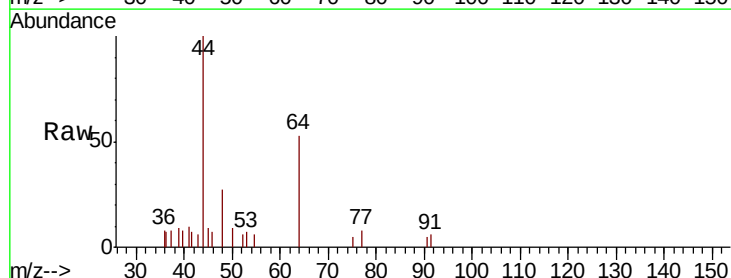
Acq: 07 Jul 2020 15:50

Tgt Ion: 64 Resp: 1592

Ion Ratio Lower Upper

64 100

66 0.0 22.8 42.4#

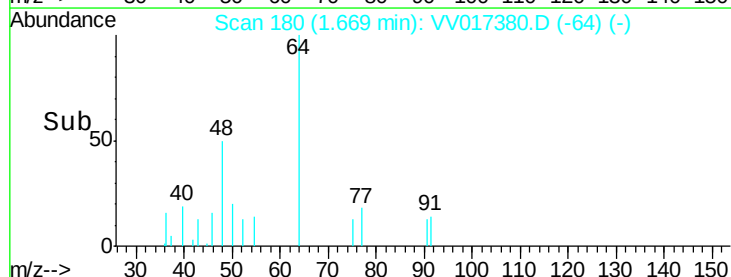


Abundance Ion 64.10 (63.80 to 64.80): VV017380.D (-64) (-)

Ion 66.05 (65.75 to 66.75): VV017380.D (-66) (-)

1.67

Time-->



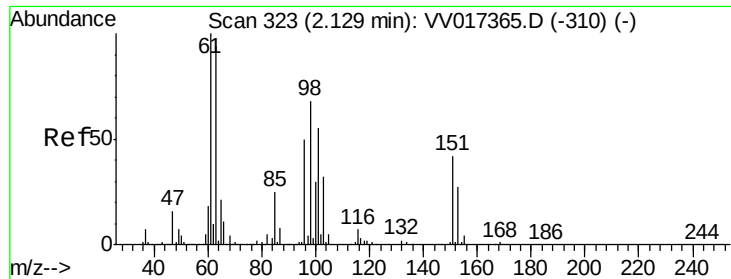
Abundance

Ion 64.10 (63.80 to 64.80): VV017380.D (-64) (-)

Ion 66.05 (65.75 to 66.75): VV017380.D (-66) (-)

1.67

Time-->



#10

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

Concen: 0.072 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV017380.D

Acq: 07 Jul 2020 15:50

Instrument :

MSVOA_V

ClientSampleId :

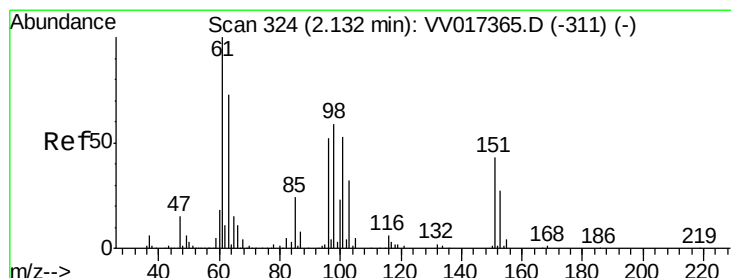
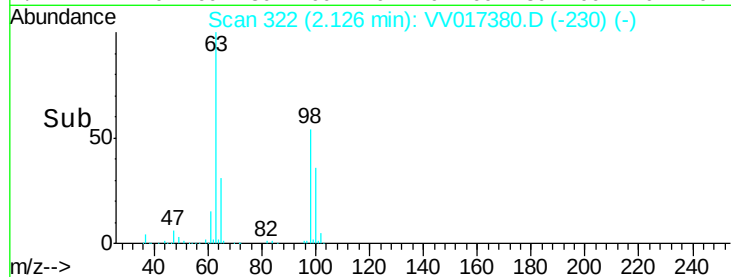
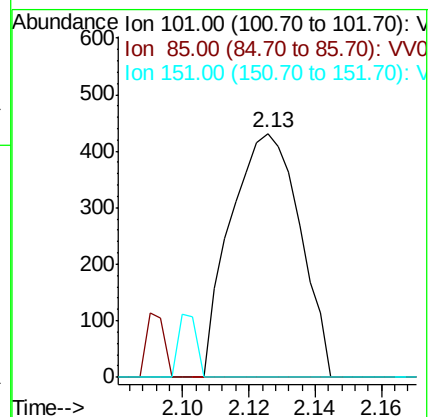
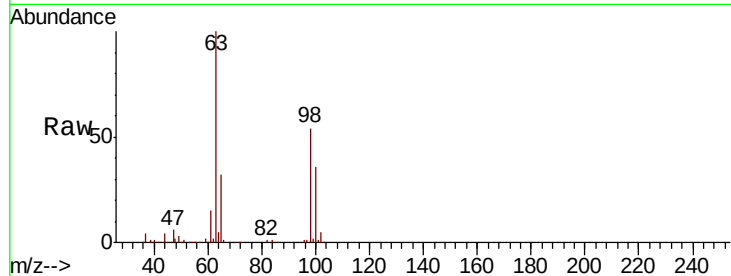
Tot Ion:101 Resp: 626

Ion Ratio Lower Upper

101 100

85 6.7 35.4 53.2#

151 6.7 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.105 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017380.D

Acq: 07 Jul 2020 15:50

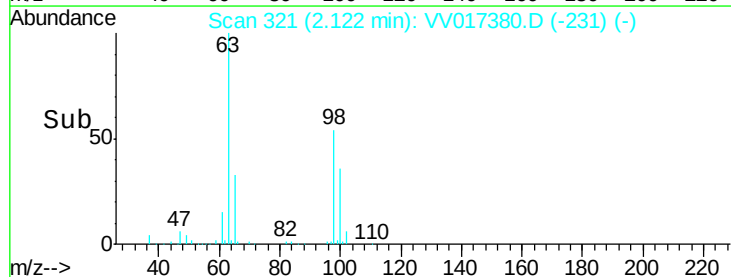
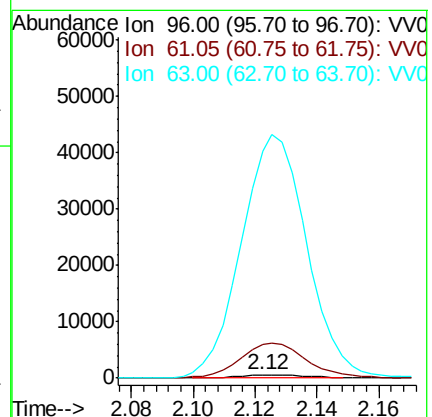
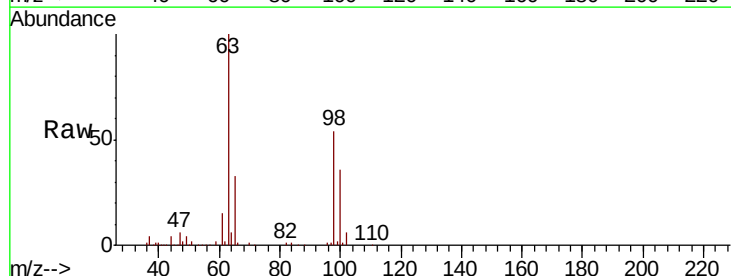
Tgt Ion: 96 Resp: 832

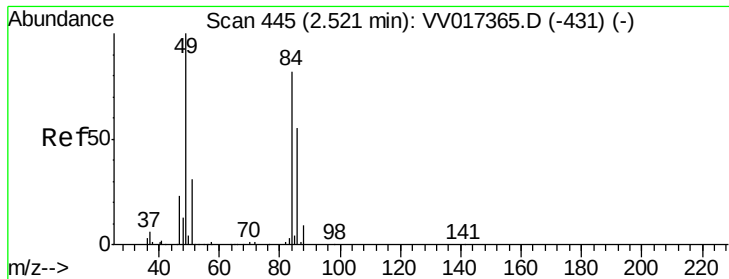
Ion Ratio Lower Upper

96 100

61 778.2 125.0 232.2#

63 5222.9 109.8 203.8#

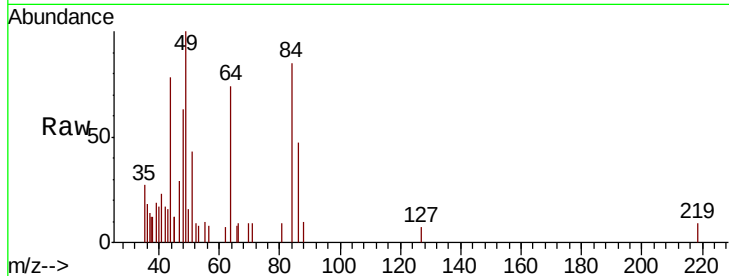




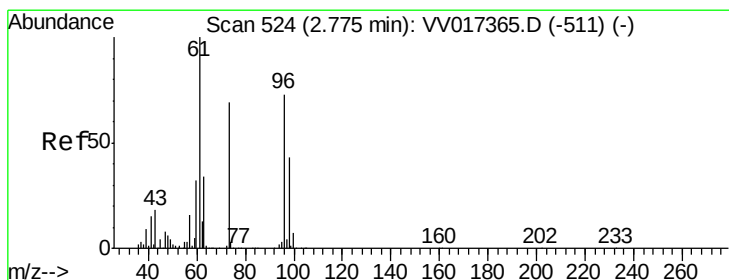
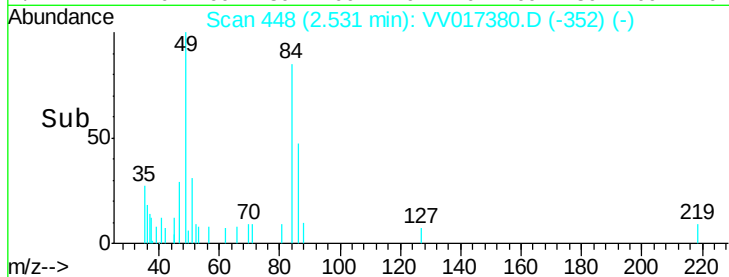
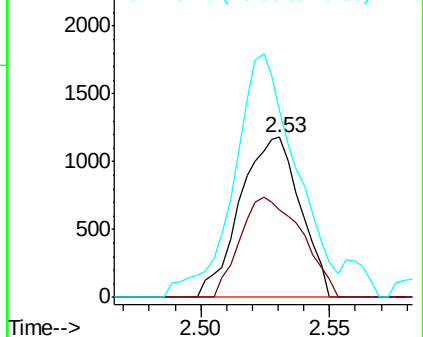
#16
Methylene chloride
Concen: 0.227 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.01 min
Lab File: VV017380.D
Acq: 07 Jul 2020 15:50

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 1922
Ion Ratio Lower Upper
84 100
86 54.6 45.8 85.0
49 117.2 89.6 166.4

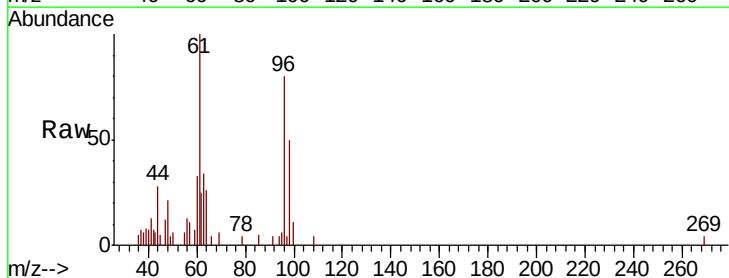


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

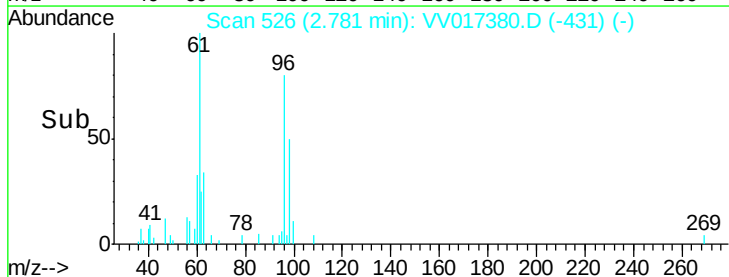
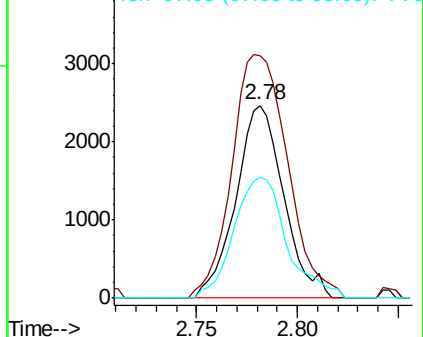


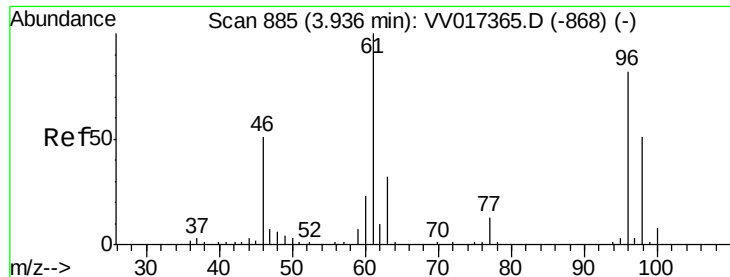
#18
trans-1,2-Dichloroethene
Concen: 0.490 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV017380.D
Acq: 07 Jul 2020 15:50

Tgt Ion: 96 Resp: 4103
Ion Ratio Lower Upper
96 100
61 125.7 102.3 189.9
98 62.9 44.7 82.9



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0





#22

cis-1,2-Dichloroethene

Concen: 1.175 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV017380.D

Acq: 07 Jul 2020 15:50

Instrument :

MSVOA_V

ClientSampleId :

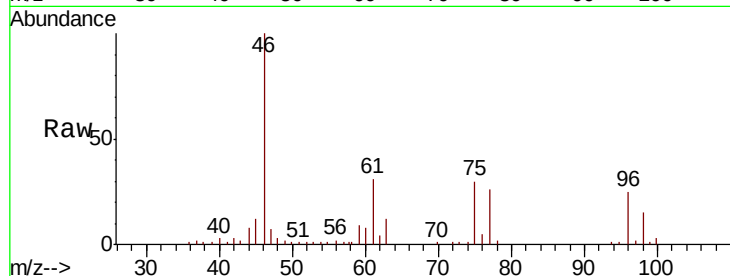
Tot Ion: 96 Resp: 13461

Ion Ratio Lower Upper

96 100

61 125.3 91.0 169.0

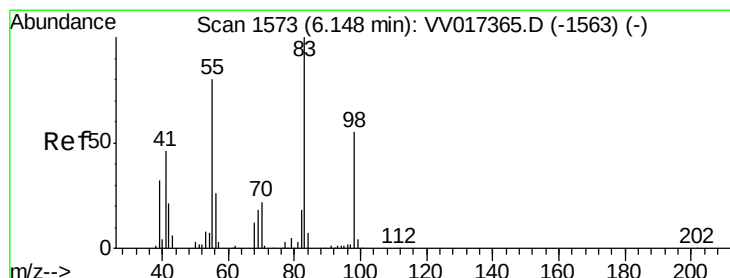
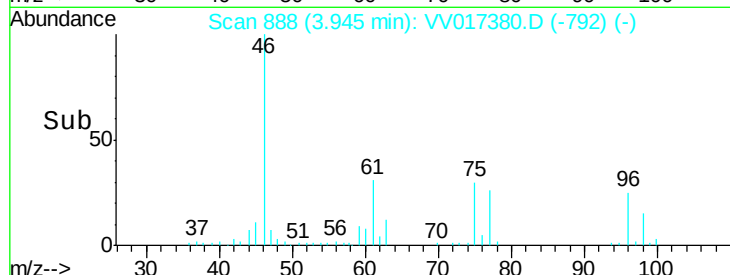
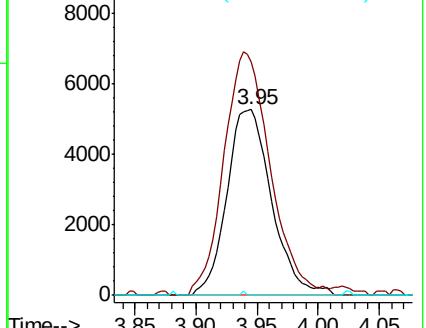
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#35

Methylcyclohexane

Concen: 0.724 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.05 min

Lab File: VV017380.D

Acq: 07 Jul 2020 15:50

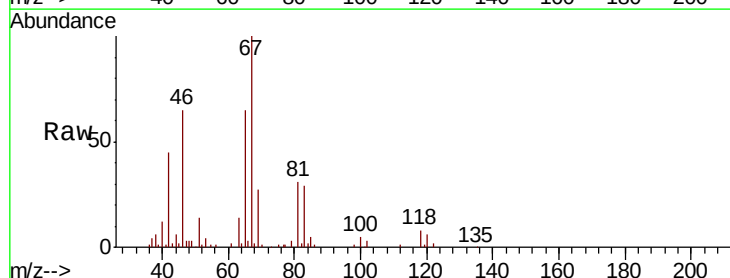
Tgt Ion: 83 Resp: 13830

Ion Ratio Lower Upper

83 100

55 0.3 63.6 95.4#

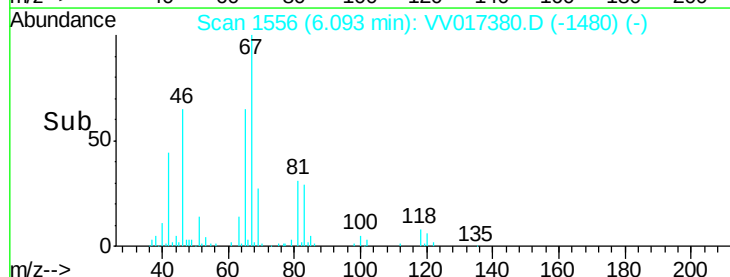
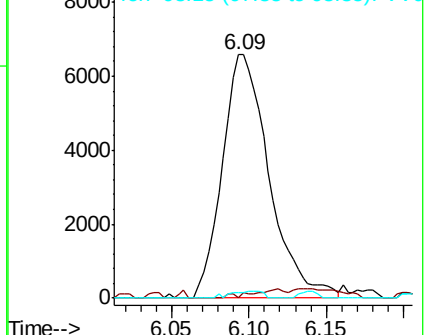
98 1.9 38.8 58.2#

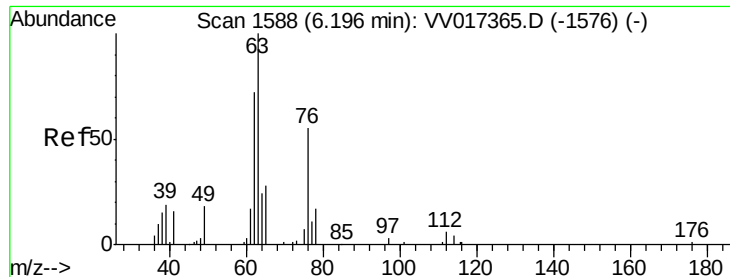


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

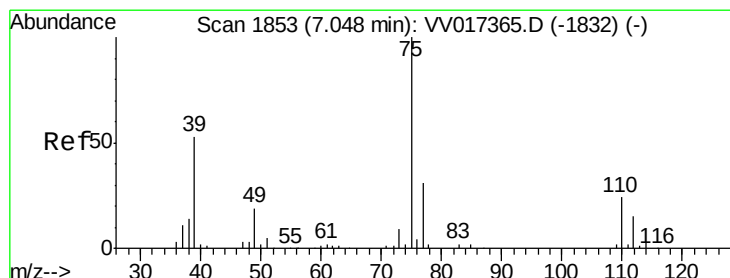
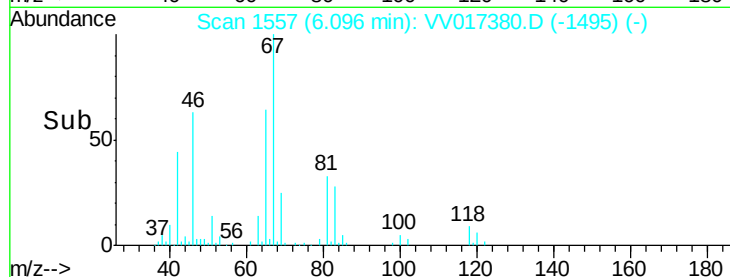
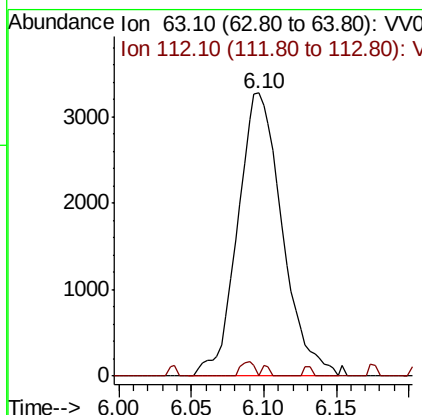
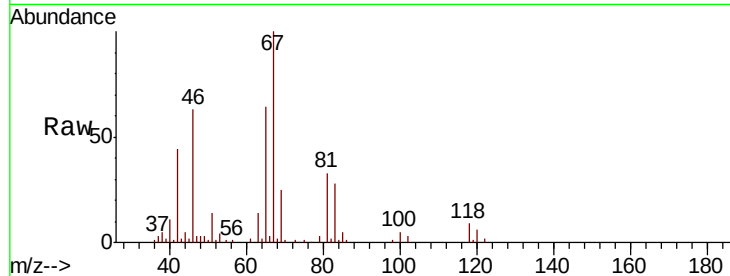




#37
 1,2-Dichloropropane
 Concen: 0.674 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017380.D
 Acq: 07 Jul 2020 15:50

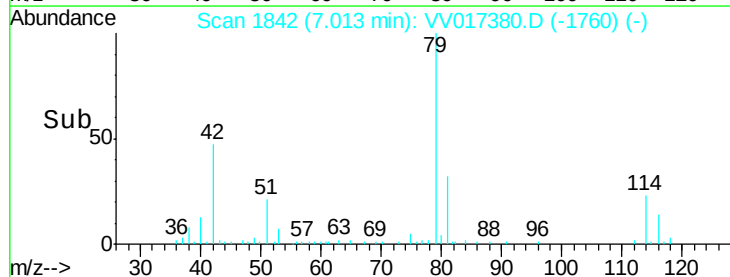
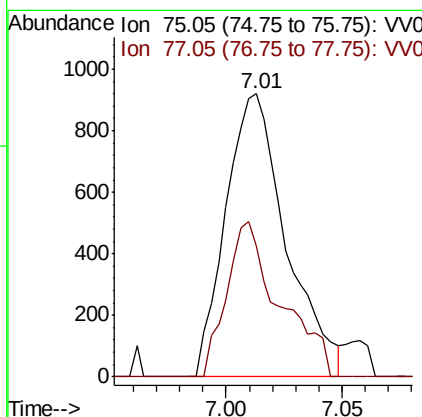
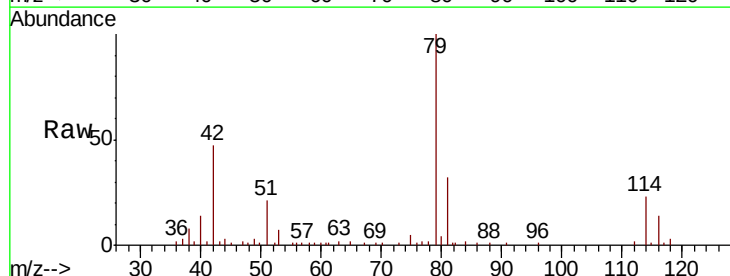
Instrument :
 MSVOA_V
 ClientSampleId :

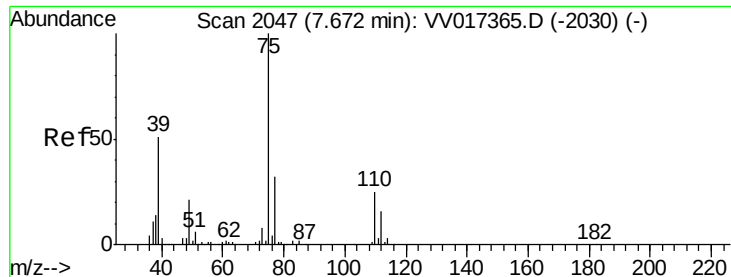
Tot Ion: 63 Resp: 6999
 Ion Ratio Lower Upper
 63 100
 112 0.6 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV017380.D
 Acq: 07 Jul 2020 15:50

Tgt Ion: 75 Resp: 1667
 Ion Ratio Lower Upper
 75 100
 77 46.3 22.3 41.5#

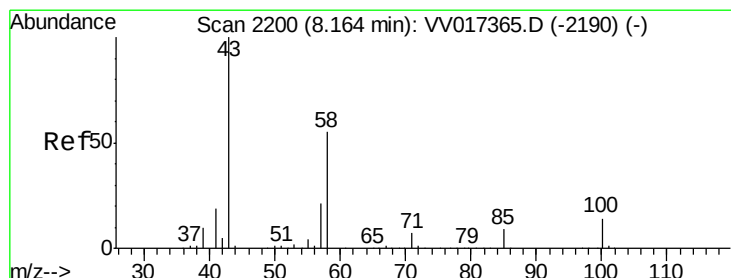
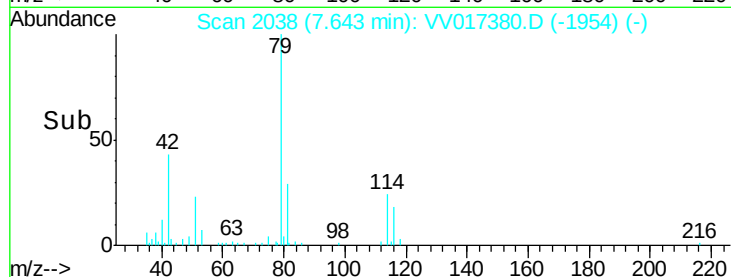
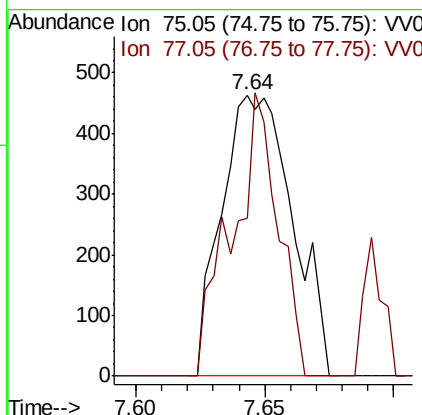
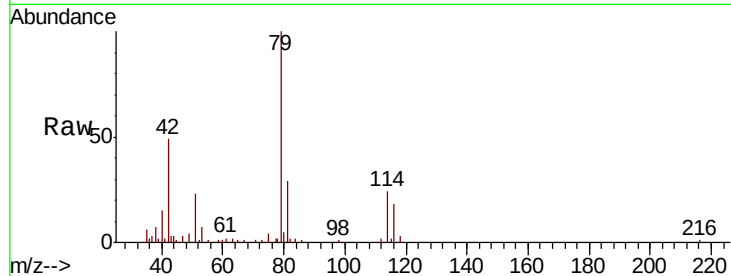




#46
trans-1,3-Dichloropropene
Concen: 0.067 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV017380.D
Acq: 07 Jul 2020 15:50

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 889
Ion Ratio Lower Upper
75 100
77 56.2 22.3 41.3#



#50
2-Hexanone
Concen: 1.092 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV017380.D
Acq: 07 Jul 2020 15:50

Tgt Ion: 43 Resp: 4660
Ion Ratio Lower Upper
43 100
58 27.3 41.6 62.4#
57 0.0 15.4 23.0#
100 4.0 10.1 15.1#

