

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
 Data File : VV017651.D
 Acq On : 24 Jul 2020 17:48
 Operator : SY/MD
 Sample : VIBLK41
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 00:10:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 25 00:05:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	161796	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157671	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77663	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35239	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	28820	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.12	63	61818	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.96	46	82204	44.48	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.96%
24) Chloroform-d	4.37	84	90080	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.06	65	48709	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.07	84	164126	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.10	67	44442	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.34	98	148215	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
45) trans-1,3-Dichloropropene-	7.65	79	18556	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
48) 2-Hexanone-d5	8.12	63	54207	39.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29281	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	59417	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

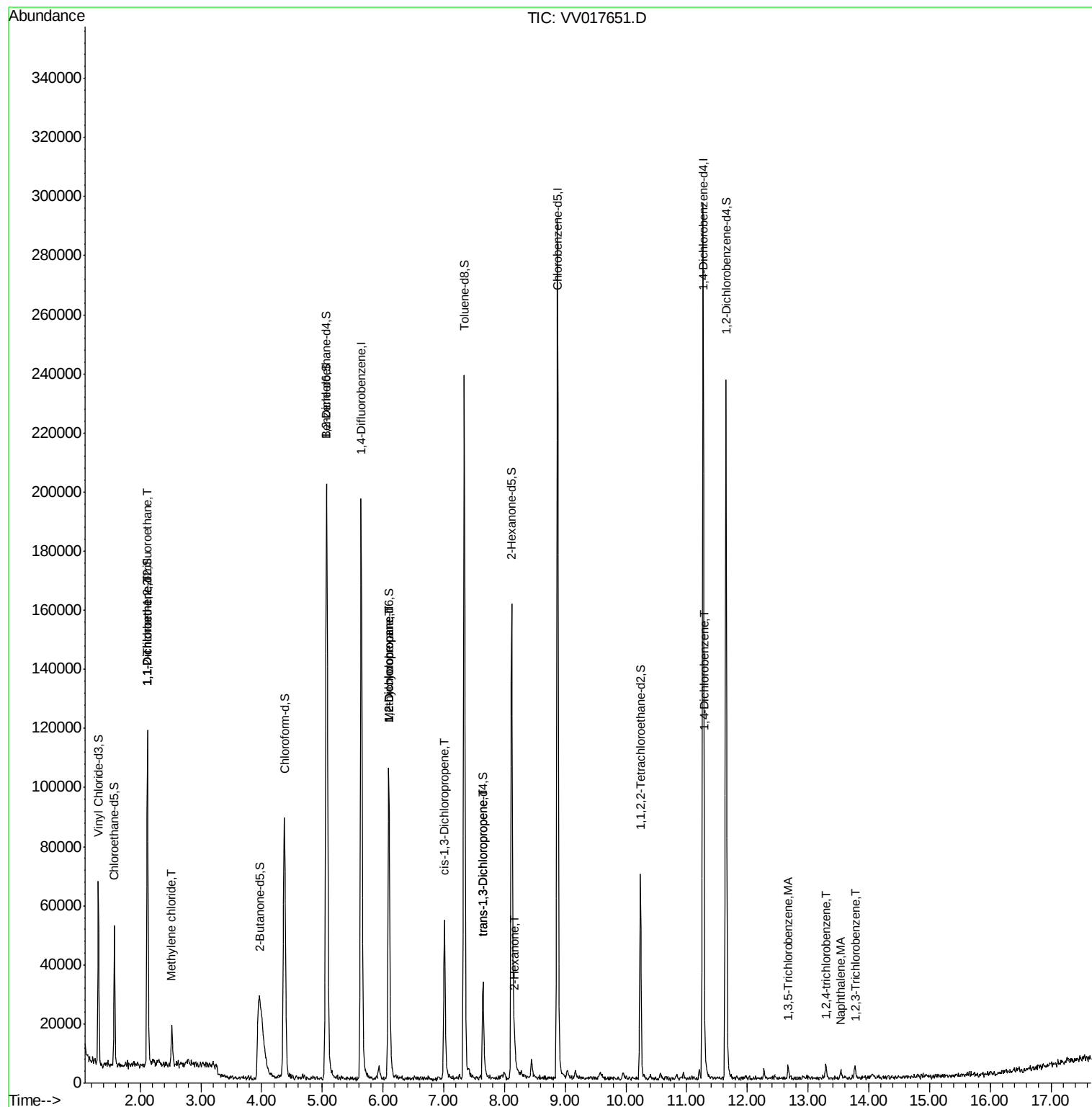
				Ovalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	940	0.097 ug/L #	31
12) 1,1-Dichloroethene	2.13	96	804	0.092 ug/L #	1
16) Methylene chloride	2.52	84	4832	0.498 ug/L	91
35) Methylcyclohexane	6.10	83	12752	0.676 ug/L #	19
37) 1,2-Dichloropropane	6.10	63	6151	0.586 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	1796	0.114 ug/L	89
46) trans-1,3-Dichloropropene	7.65	75	1048	0.074 ug/L	89
50) 2-Hexanone	8.17	43	5065	1.245 ug/L #	44
64) 1,4-Dichlorobenzene	11.30	146	1867	0.074 ug/L	96
68) 1,3,5-Trichlorobenzene	12.67	180	1035	0.051 ug/L #	70
69) 1,2,4-trichlorobenzene	13.29	180	1614	0.095 ug/L	98
70) Naphthalene	13.54	128	2381	0.101 ug/L #	91
71) 1,2,3-Trichlorobenzene	13.77	180	1323	0.088 ug/L #	66

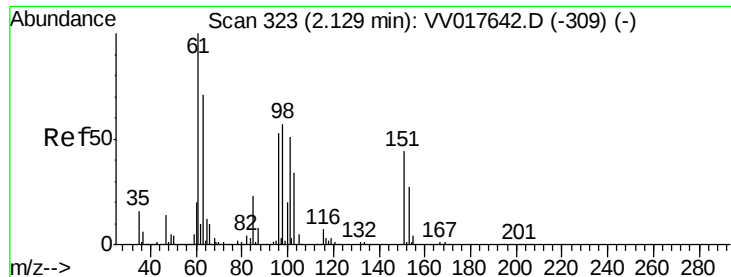
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
Data File : VV017651.D
Acq On : 24 Jul 2020 17:48
Operator : SY/MD
Sample : VIBLK41
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 25 00:10:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 25 00:05:26 2020
Response via : Initial Calibration





#10

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

Concen: 0.097 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV017651.D

Acq: 24 Jul 2020 17:48

Instrument :

MSVOA_V

ClientSampleId :

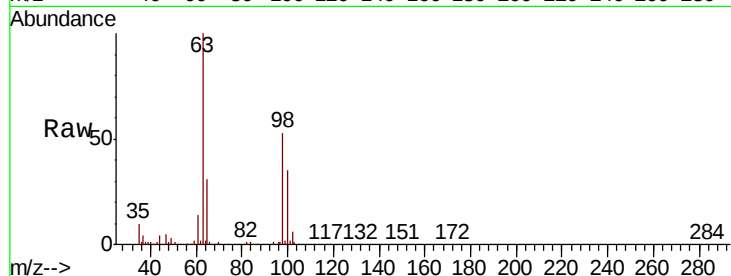
Tot Ion:101 Resp: 940

Ion Ratio Lower Upper

101 100

85 14.5 34.6 51.8#

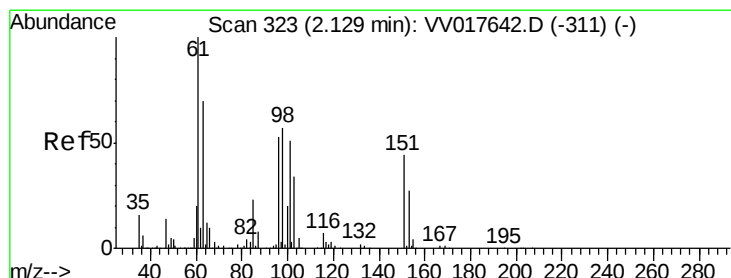
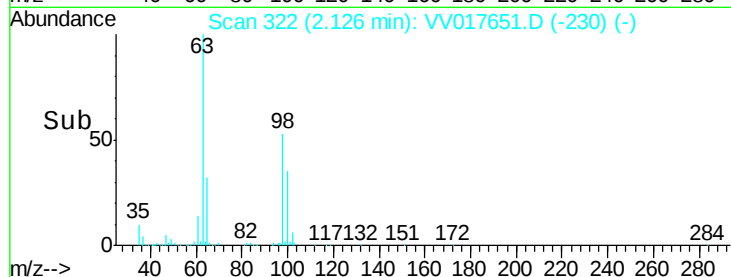
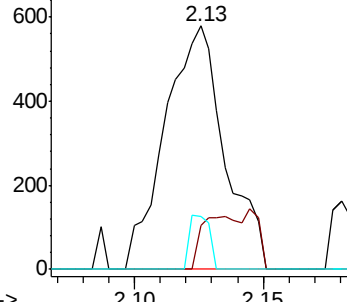
151 7.6 63.5 95.3#



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: 0.092 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV017651.D

Acq: 24 Jul 2020 17:48

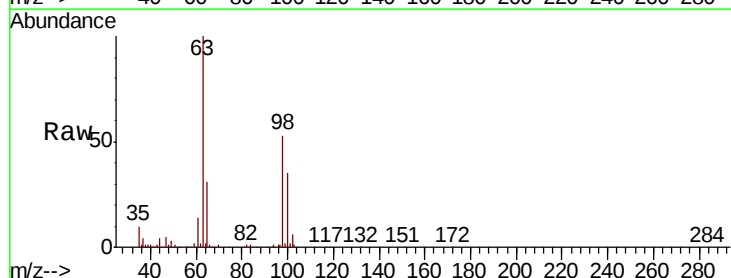
Tgt Ion: 96 Resp: 804

Ion Ratio Lower Upper

96 100

61 1105.2 123.1 228.7#

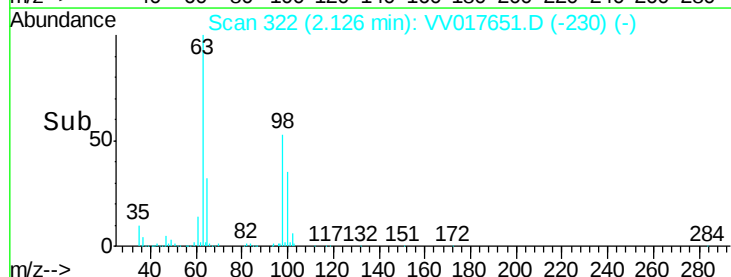
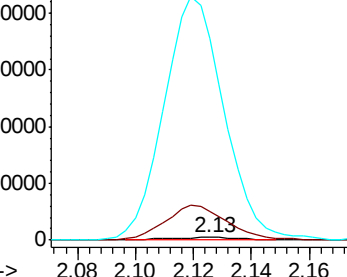
63 7660.3 91.2 169.4#

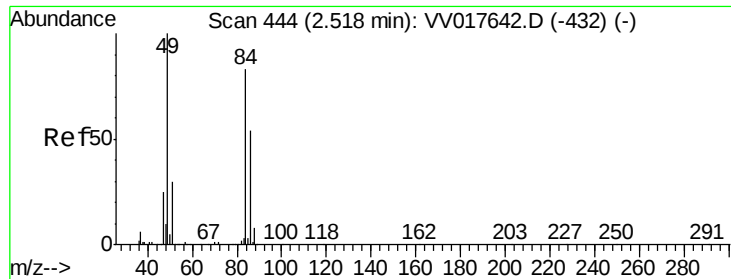


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

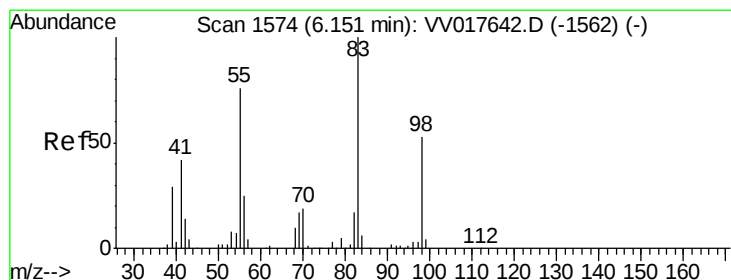
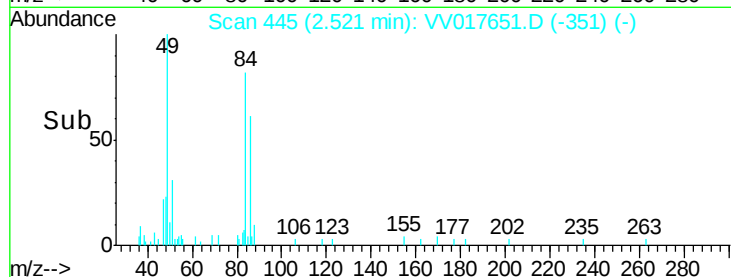
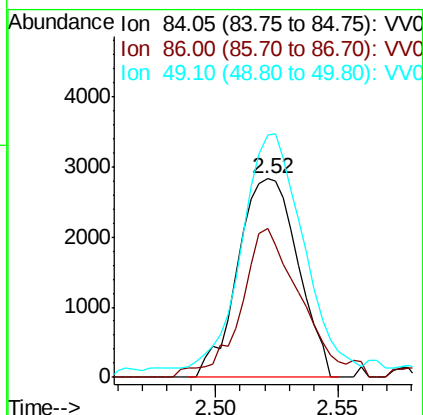
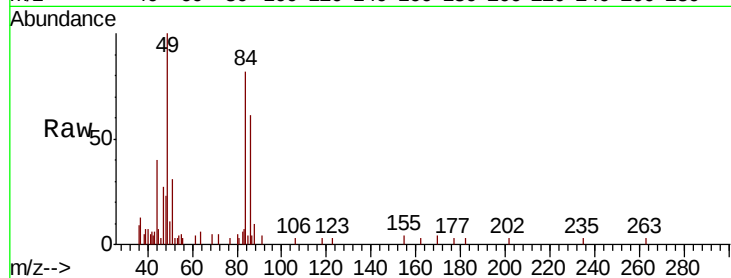




#16
Methvlene chloride
Concen: 0.498 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV017651.D
Acq: 24 Jul 2020 17:48

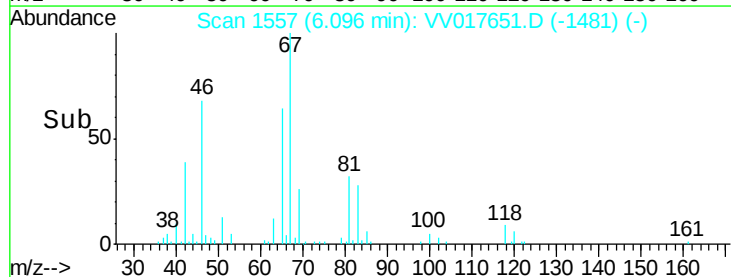
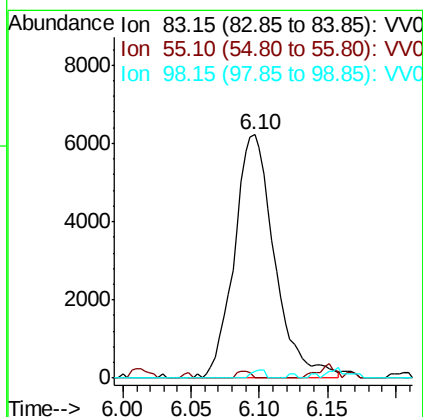
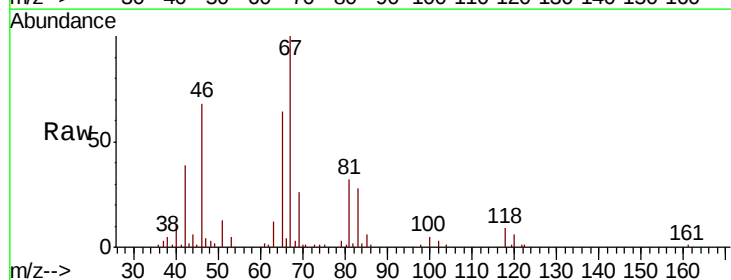
Instrument :
MSVOA_V
ClientSampleId :

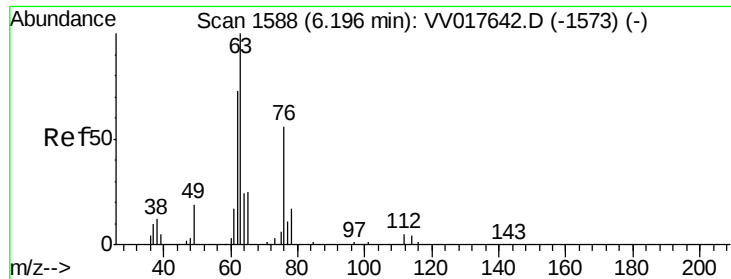
Tot Ion: 84 Resp: 4832
Ion Ratio Lower Upper
84 100
86 75.1 46.5 86.3
49 122.4 79.2 147.2



#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017651.D
Acq: 24 Jul 2020 17:48

Tgt Ion: 83 Resp: 12752
Ion Ratio Lower Upper
83 100
55 0.9 61.8 92.8#
98 1.0 39.0 58.6#

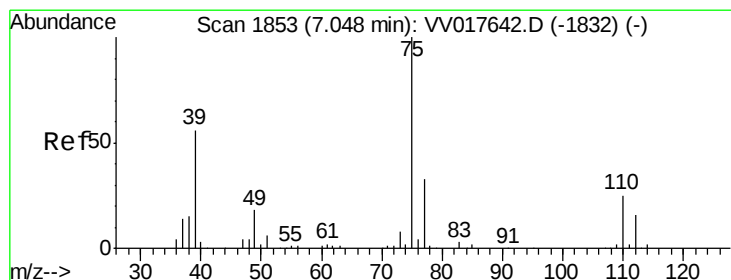
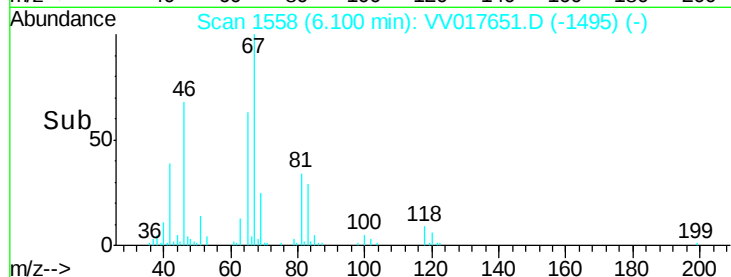
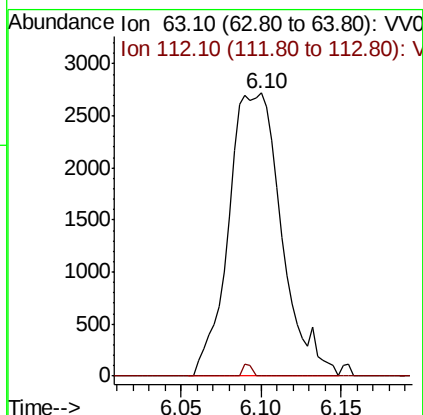
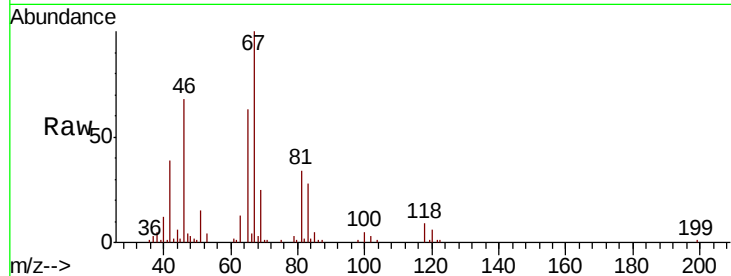




#37
 1,2-Dichloropropane
 Concen: 0.586 ug/L
 RT: 6.10 min Scan# 1558
 Delta R.T. -0.10 min
 Lab File: VV017651.D
 Acq: 24 Jul 2020 17:48

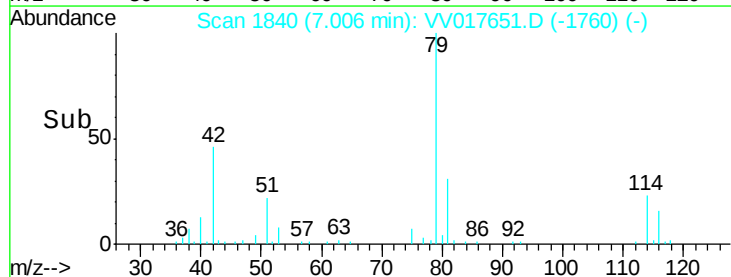
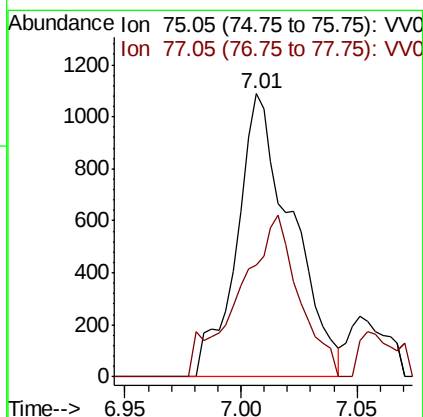
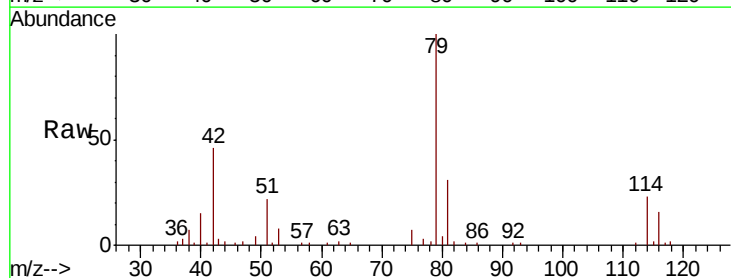
Instrument :
 MSVOA_V
 ClientSampleId :

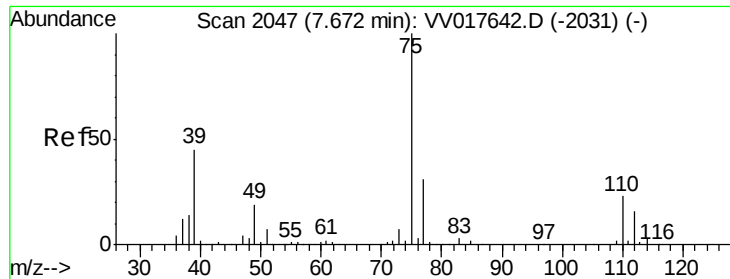
Tot Ion: 63 Resp: 6151
 Ion Ratio Lower Upper
 63 100
 112 0.7 4.5 6.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017651.D
 Acq: 24 Jul 2020 17:48

Tgt Ion: 75 Resp: 1796
 Ion Ratio Lower Upper
 75 100
 77 39.6 23.2 43.2





#46

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV017651.D

Acq: 24 Jul 2020 17:48

Instrument :

MSVOA_V

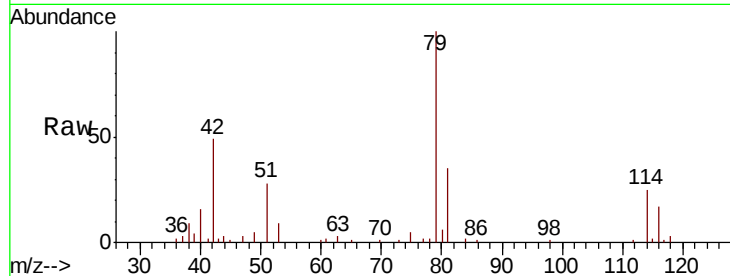
ClientSampleId :

Tot Ion: 75 Resp: 1048

Ion Ratio Lower Upper

75 100

77 38.0 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV017642.D (-2031) (-)

Ion 77.05 (76.75 to 77.75): VV017642.D (-2031) (-)

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

7.65

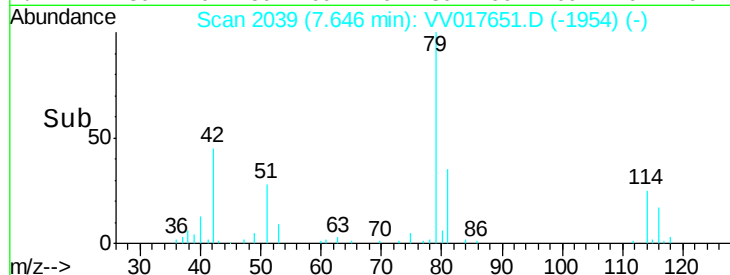
7.65

7.65

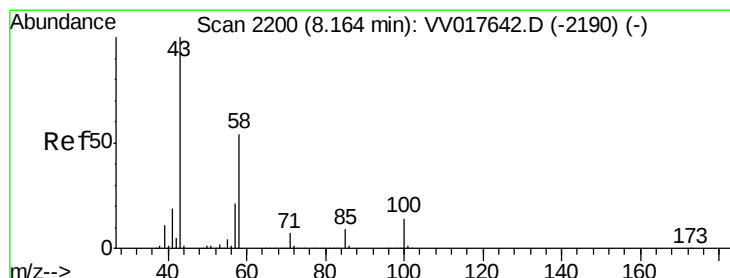
7.65

7.65

7.65



Time-->



#50

2-Hexanone

Concen: 1.245 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV017651.D

Acq: 24 Jul 2020 17:48

Tgt Ion: 43 Resp: 5065

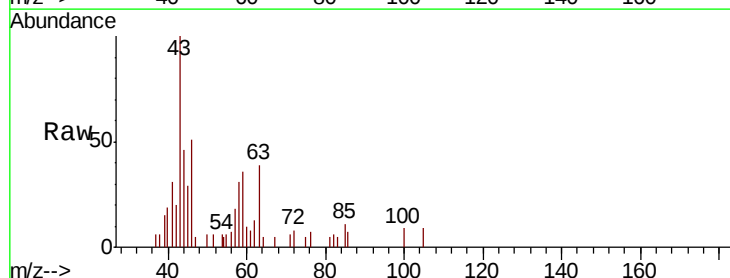
Ion Ratio Lower Upper

43 100

58 4.9 41.6 62.4#

57 0.0 15.4 23.0#

100 0.4 11.2 16.8#



Abundance Ion 43.05 (42.75 to 43.75): VV017642.D (-2190) (-)

Ion 58.05 (57.75 to 58.75): VV017642.D (-2190) (-)

Ion 57.20 (56.90 to 57.90): VV017642.D (-2190) (-)

Ion 100.15 (99.85 to 100.85): VV017642.D (-2190) (-)

8.17

8.17

8.17

8.17

8.17

8.17

8.17

8.17

8.17

8.17

8.17

8.17

8.17

8.17

8.17

8.17

8.17

8.17

8.17

8.17

8.17

8.17

8.17

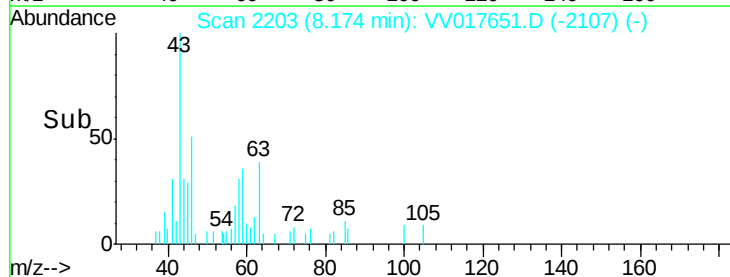
8.17

8.17

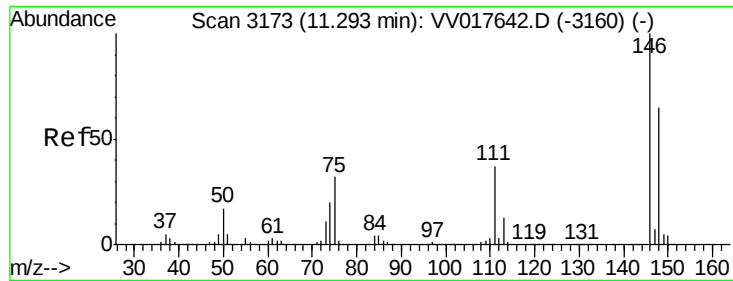
8.17

8.17

8.17



Time-->



#64

1,4-Dichlorobenzene

Concen: 0.074 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV017651.D

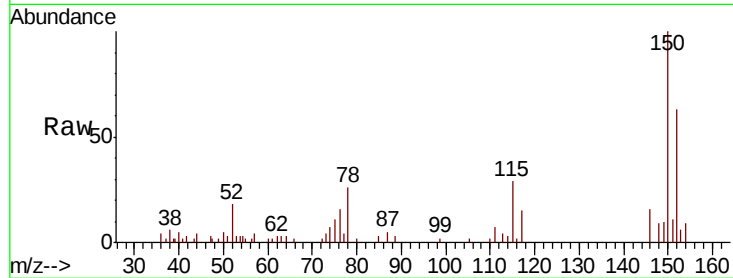
Acq: 24 Jul 2020 17:48

Instrument :

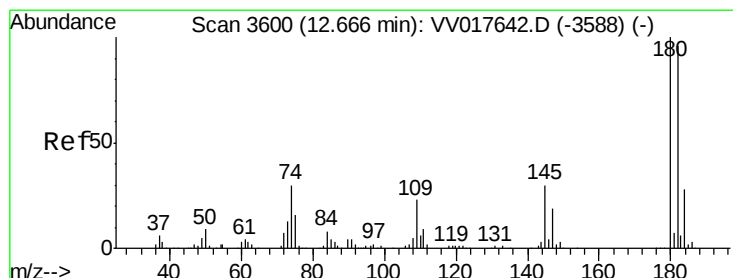
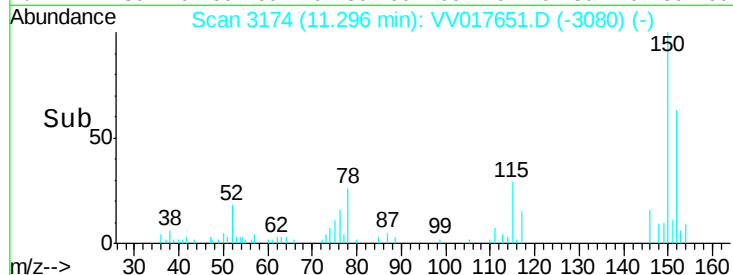
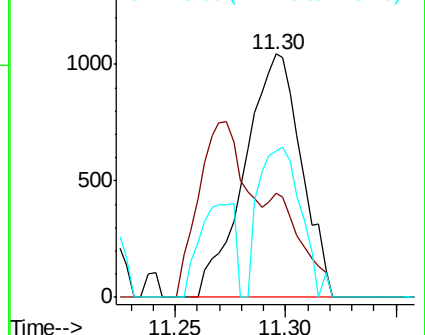
MSVOA_V

ClientSampled :

Tot Ion:	146	Resp:	1867
Ion	Ratio	Lower	Upper
146	100		
111	42.9	27.4	51.0
148	60.2	43.8	81.4



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#68

1,3,5-Trichlorobenzene

Concen: 0.051 ug/L

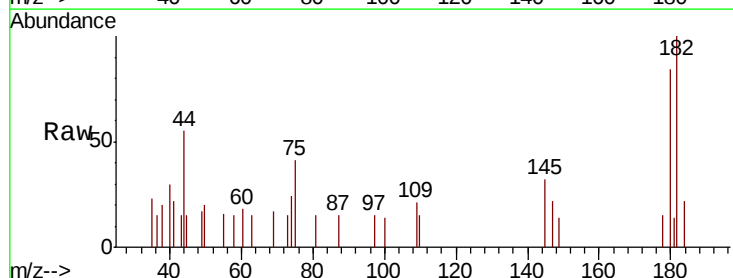
RT: 12.67 min Scan# 3601

Delta R.T. 0.00 min

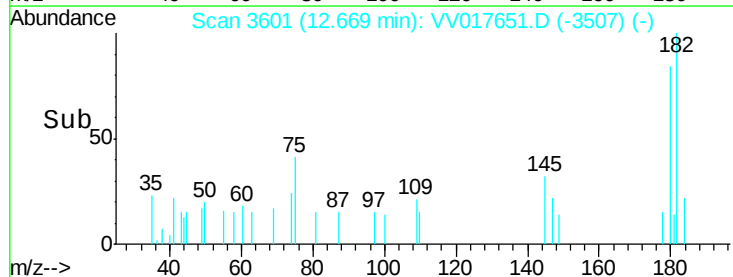
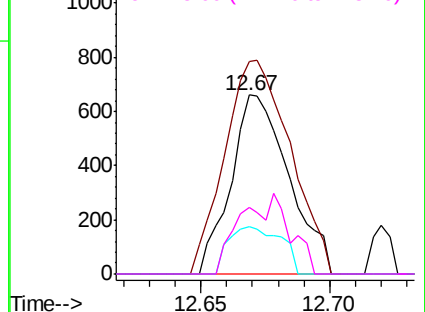
Lab File: VV017651.D

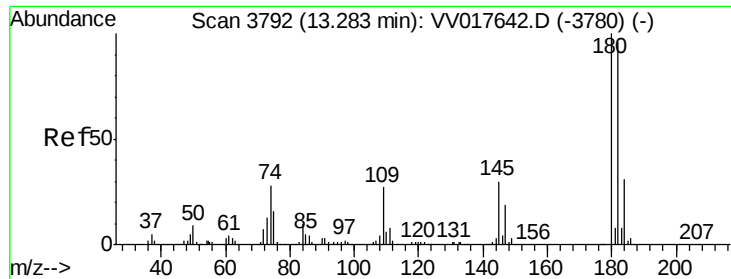
Acq: 24 Jul 2020 17:48

Tgt Ion:	180	Resp:	1035
Ion	Ratio	Lower	Upper
180	100		
182	135.2	77.1	115.7#
184	24.1	25.2	37.8#
145	21.7	24.1	36.1#



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 184.00 (183.70 to 184.70): V
Ion 145.00 (144.70 to 145.70): V

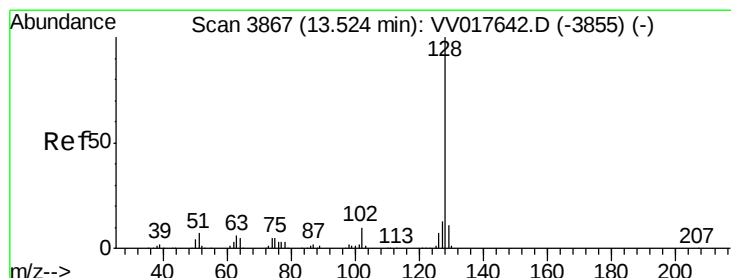
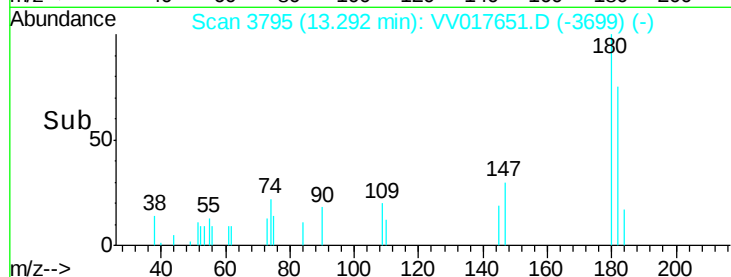
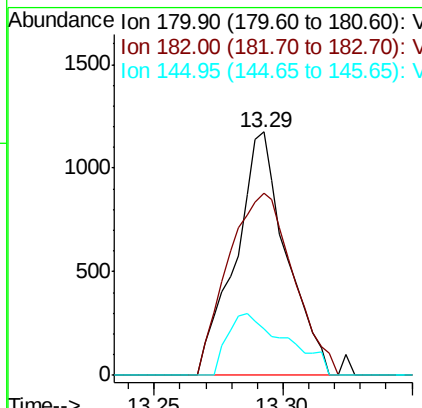
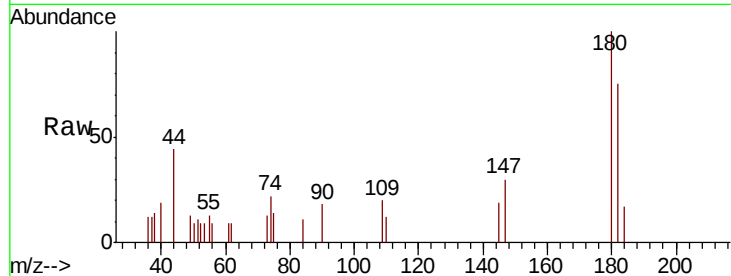




#69
 1,2,4-trichlorobenzene
 Concen: 0.095 ug/L
 RT: 13.29 min Scan# 3795
 Delta R.T. 0.01 min
 Lab File: VV017651.D
 Acq: 24 Jul 2020 17:48

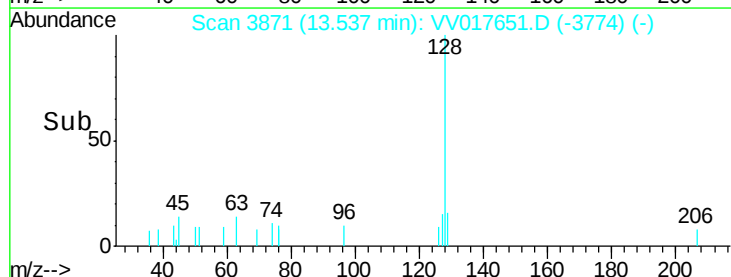
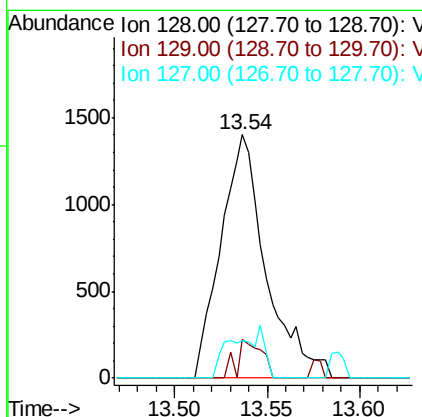
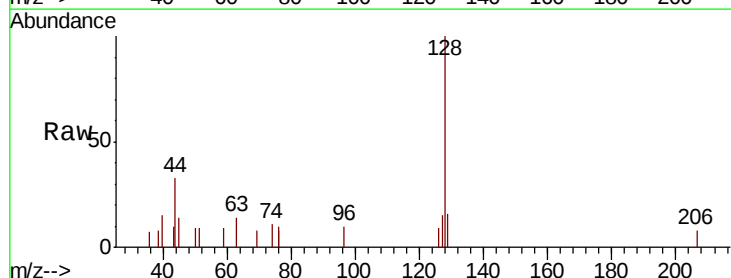
Instrument :
 MSVOA_V
 ClientSampleId :

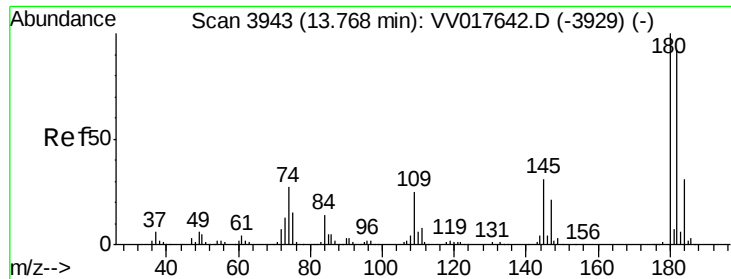
Tot Ion:180 Resp: 1614
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.4 113.2
 145 29.5 24.2 36.2



#70
 Naphthalene
 Concen: 0.101 ug/L
 RT: 13.54 min Scan# 3871
 Delta R.T. 0.01 min
 Lab File: VV017651.D
 Acq: 24 Jul 2020 17:48

Tgt Ion:128 Resp: 2381
 Ion Ratio Lower Upper
 128 100
 129 8.4 9.1 13.7#
 127 9.6 11.0 16.6#

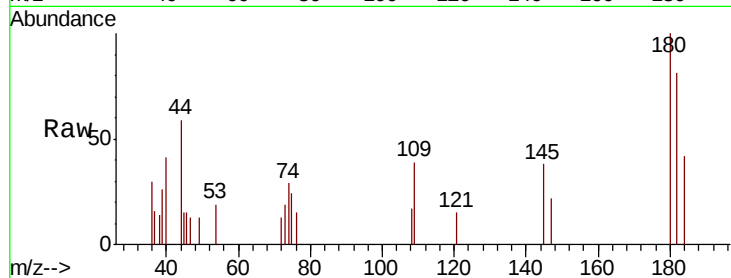




#71
 1,2,3-Trichlorobenzene
 Concen: 0.088 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV017651.D
 Acq: 24 Jul 2020 17:48

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 1323
 Ion Ratio Lower Upper
 180 100
 182 52.6 74.2 111.4#
 145 38.6 26.0 39.0



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

