

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017275.D
 Acq On : 17 Nov 2020 10:52
 Operator : SY/VA
 Sample : L4739-19
 Misc : 5.78G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB106

Quant Time: Nov 18 02:15:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	458173	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	343887	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	102192	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	105735	18.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.28%
7) Chloroethane-d5	2.89	69	99396	22.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.40%
10) 1,1-Dichloroethene-d2	4.03	63	165115	16.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.00%
20) 2-Butanone-d5	7.08	46	53898	41.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.52%
24) Chloroform-d	7.65	84	262457	24.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.16%
26) 1,2-Dichloroethane-d4	8.31	65	135063	25.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.60%
29) Benzene-d6	8.28	84	494296	28.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.92%
33) 1,2-Dichloropropane-d6	9.27	67	136719	28.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.92%
37) Toluene-d8	10.33	98	449978	27.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.00%
38) trans-1,3-Dichloropropene-	10.58	79	57208	26.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.80%
39) 2-Hexanone-d5	10.93	63	42398	50.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91079	21.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	82587	22.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.76%

Target Compounds

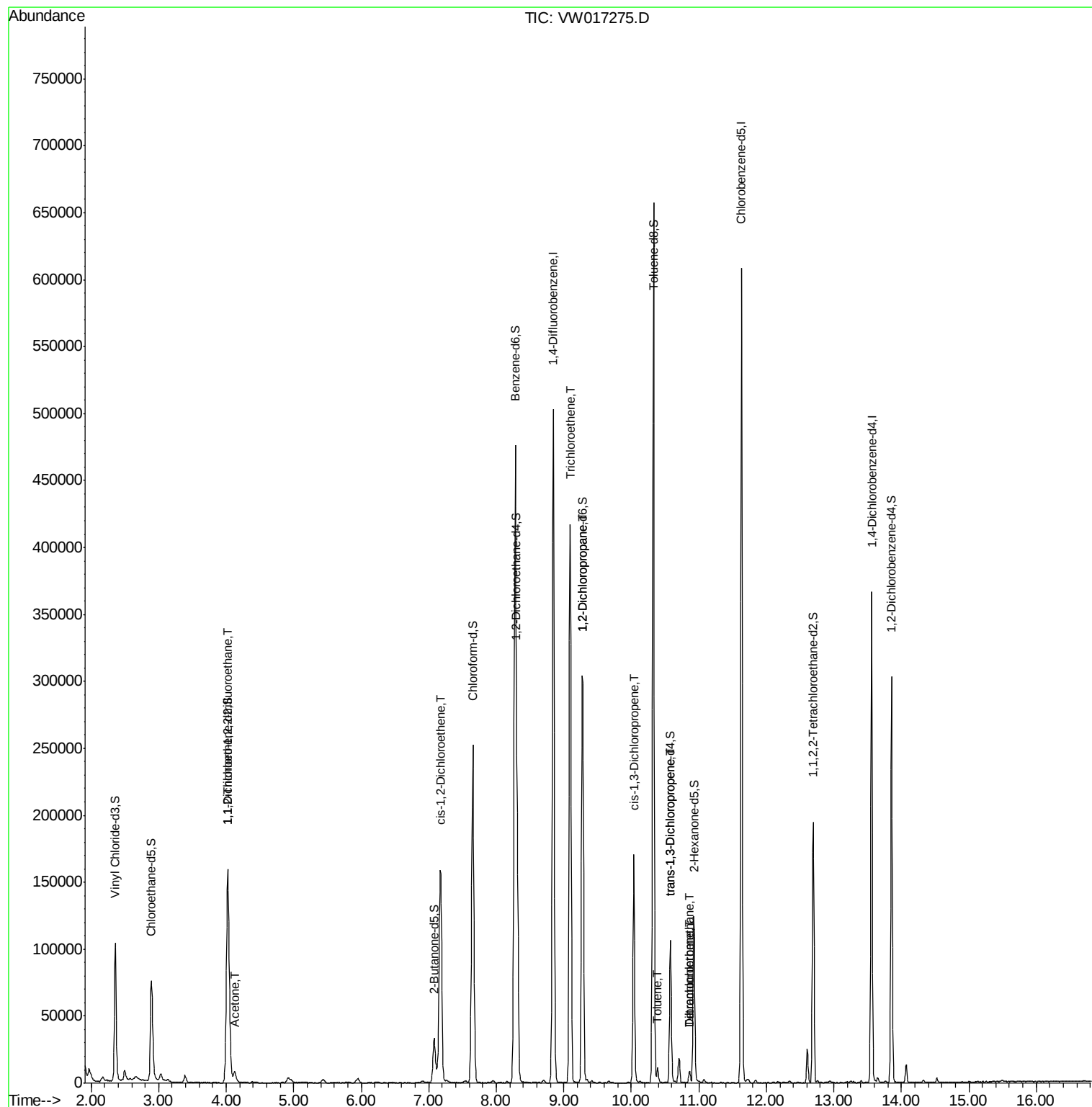
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1699	0.287	ug/L #	17
13) Acetone	4.12	43	13003	15.048	ug/L	68
22) cis-1,2-Dichloroethene	7.18	96	101950	16.381	ug/L	97
35) Trichloroethene	9.09	95	140859	27.847	ug/L	99
40) 1,2-Dichloropropane	9.27	63	17205	4.076	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4911	0.735	ug/L #	68
44) Toluene	10.39	91	7989	0.402	ug/L	92
45) trans-1,3-Dichloropropene	10.59	75	3072	0.535	ug/L	92
47) Tetrachloroethene	10.86	164	1989	0.436	ug/L	92
50) Dibromochloromethane	10.87	129	1855	0.418	ug/L #	11

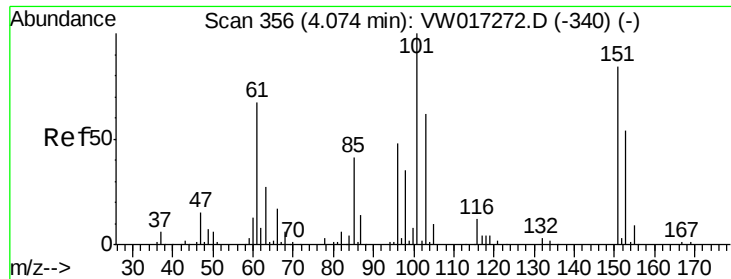
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
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Quant Time: Nov 18 02:15:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 18 02:13:37 2020
Response via : Initial Calibration





#11

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

Concen: 0.287 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017275.D

Acq: 17 Nov 2020 10:52

Instrument :

MSVOA_W

ClientSampled :

GB106

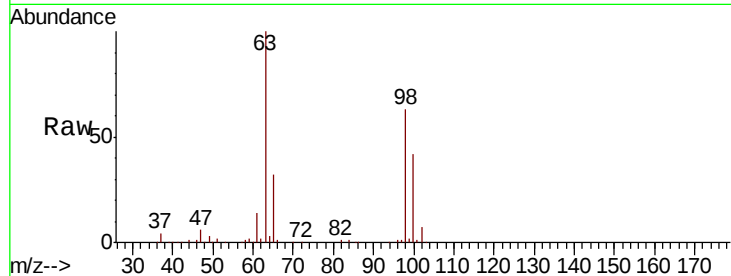
Tot Ion:101 Resp: 1699

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 65.4 98.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V

4.02

800

600

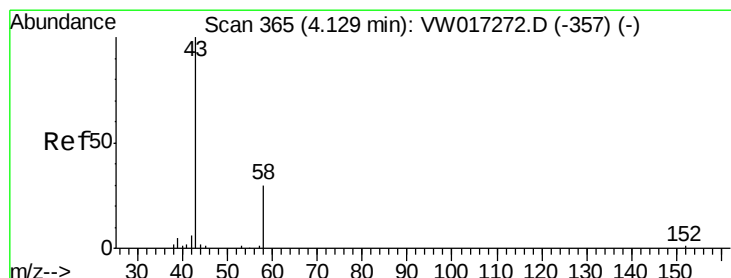
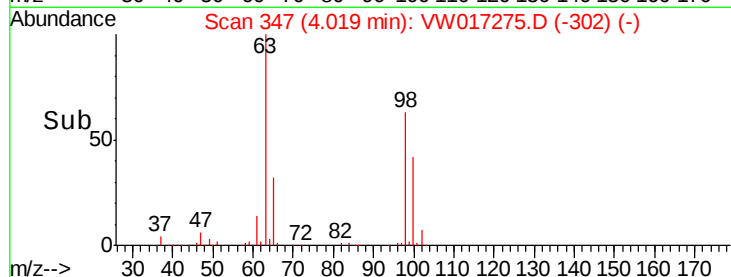
400

200

0

3.95 4.00 4.05 4.10

Time-->



#13

Acetone

Concen: 15.048 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017275.D

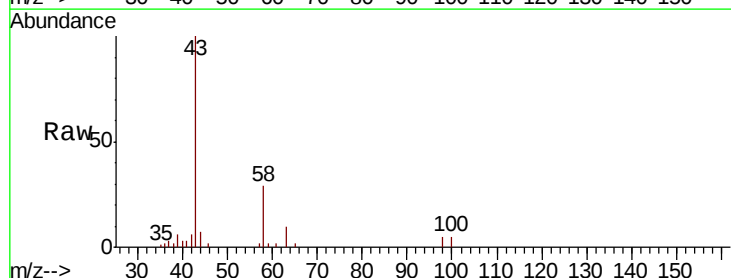
Acq: 17 Nov 2020 10:52

Tgt Ion: 43 Resp: 13003

Ion Ratio Lower Upper

43 100

58 16.2 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

5000

4000

3000

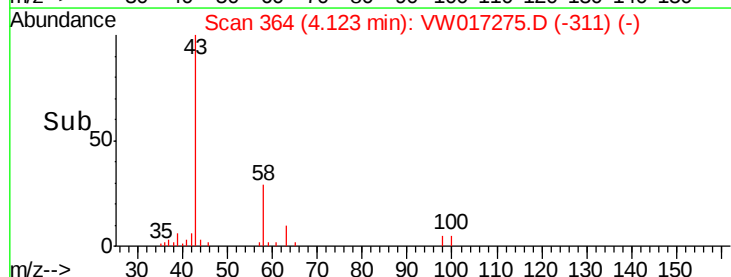
2000

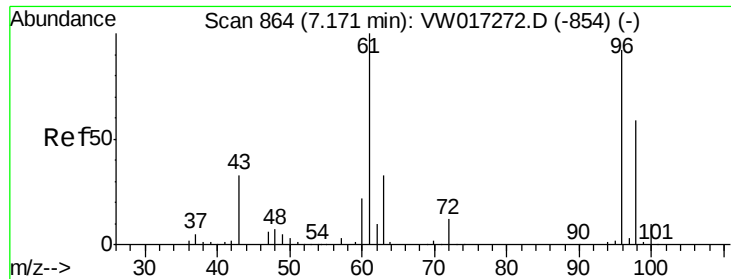
1000

0

4.05 4.10 4.15 4.20

Time-->



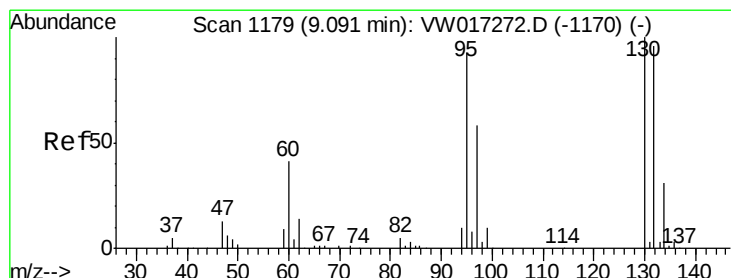
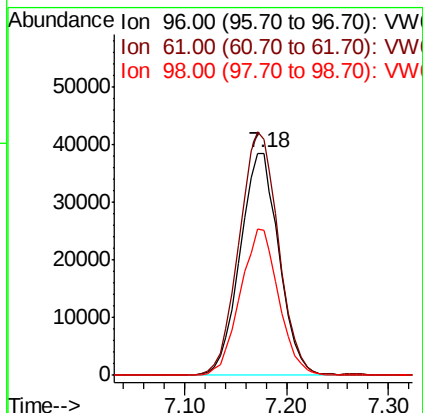
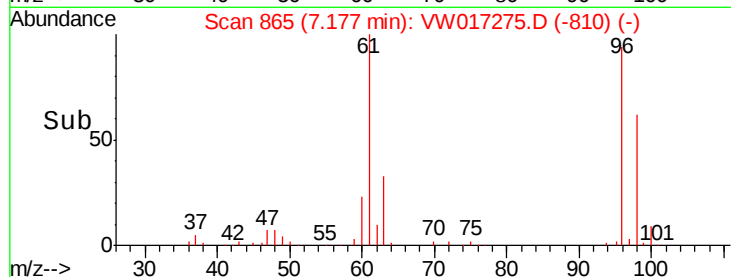
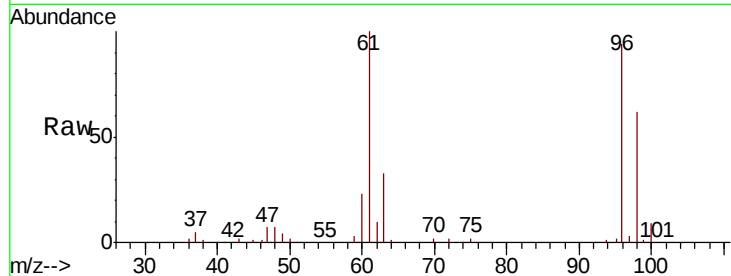


#22

cis-1,2-Dichloroethene
Concen: 16.381 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW017275.D
Acq: 17 Nov 2020 10:52

Instrument :
MSVOA_W
ClientSampled :
GB106

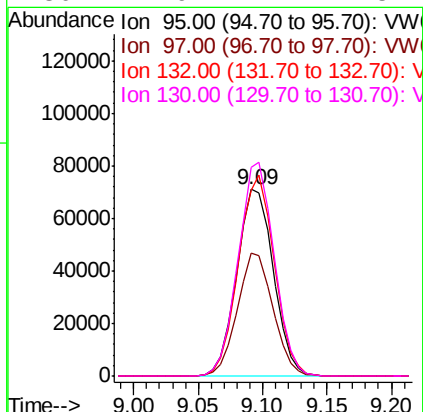
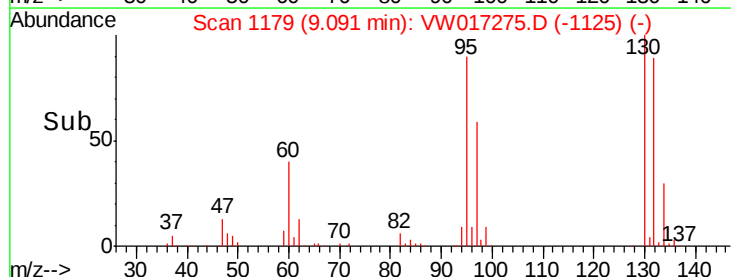
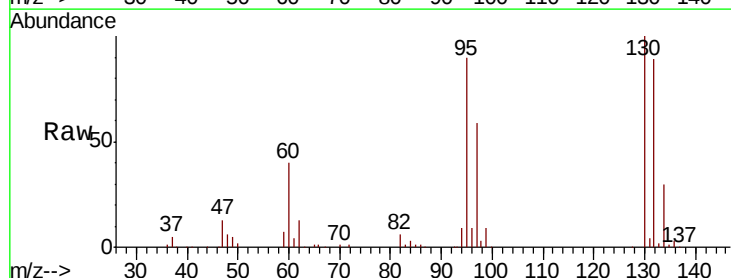
Tot Ion: 96 Resp: 101950
Ion Ratio Lower Upper
96 100
61 106.2 77.4 143.8
98 65.5 45.1 83.7

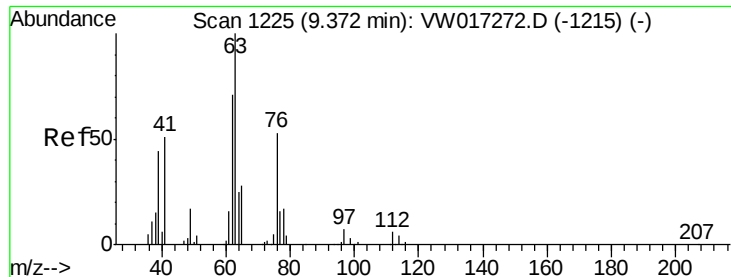


#35

Trichloroethene
Concen: 27.847 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW017275.D
Acq: 17 Nov 2020 10:52

Tgt Ion: 95 Resp: 140859
Ion Ratio Lower Upper
95 100
97 63.9 45.0 83.6
132 105.0 73.7 136.9
130 111.9 77.1 143.1





#40

1,2-Dichloropropane

Concen: 4.076 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017275.D

Acq: 17 Nov 2020 10:52

Instrument :

MSVOA_W

ClientSampleId :

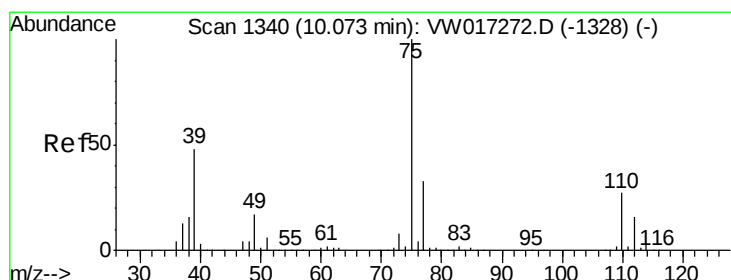
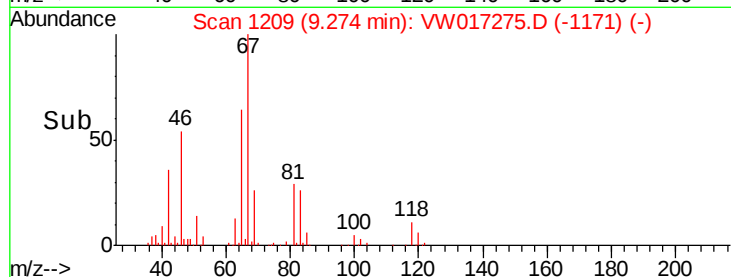
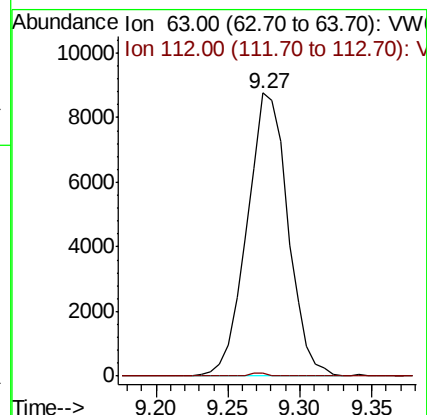
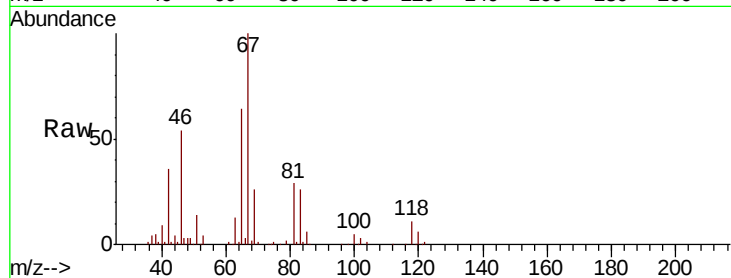
GB106

Tot Ion: 63 Resp: 17205

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.2#



#42

cis-1,3-Dichloropropene

Concen: 0.735 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017275.D

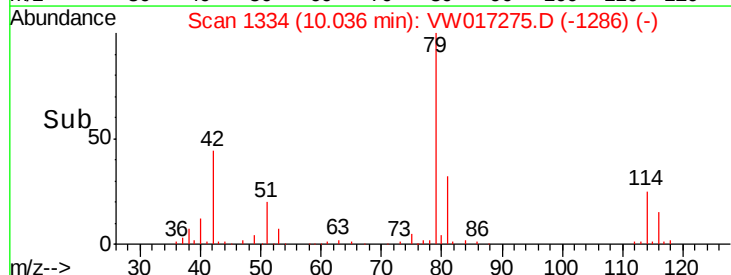
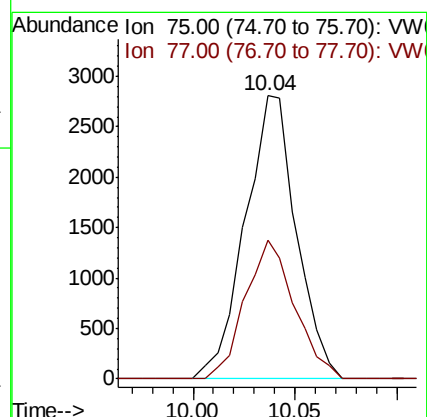
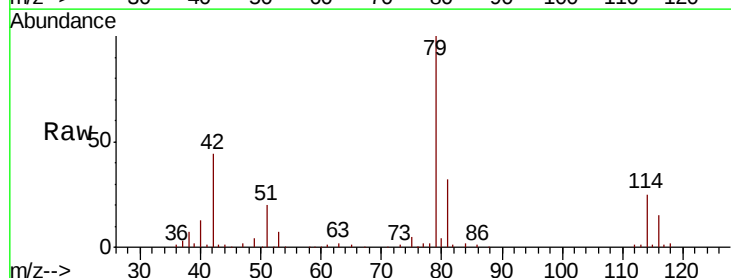
Acq: 17 Nov 2020 10:52

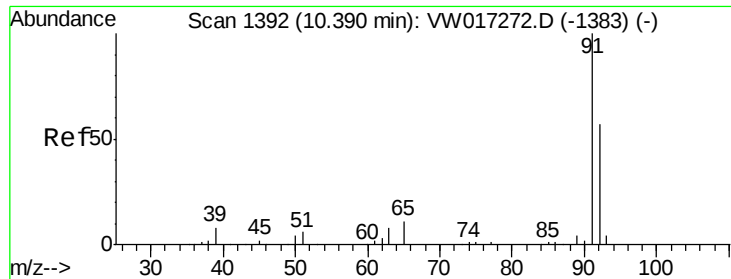
Tgt Ion: 75 Resp: 4911

Ion Ratio Lower Upper

75 100

77 49.0 22.0 41.0#





#44

Toluene

Concen: 0.402 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017275.D

Acq: 17 Nov 2020 10:52

Instrument :

MSVOA_W

ClientSampled :

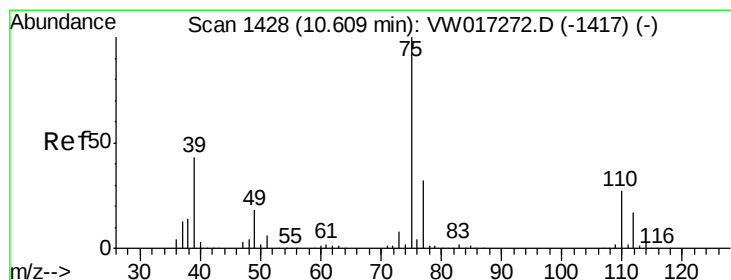
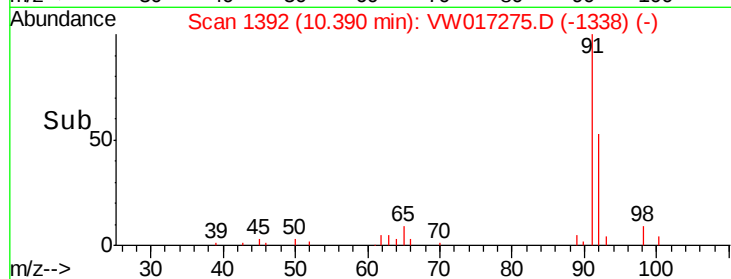
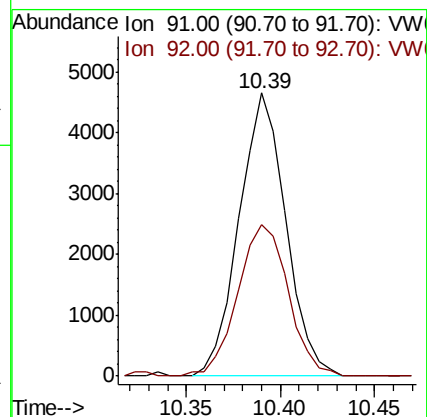
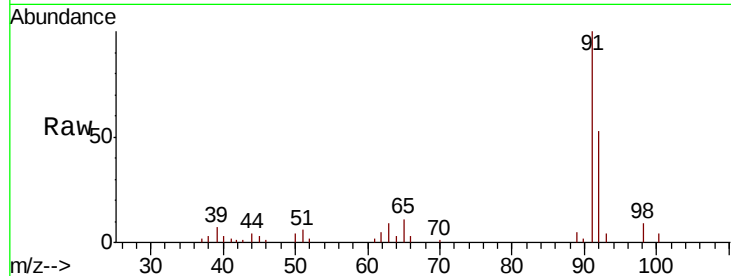
GB106

Tot Ion: 91 Resp: 7989

Ion Ratio Lower Upper

91 100

92 53.4 41.4 76.8



#45

trans-1,3-Dichloropropene

Concen: 0.535 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017275.D

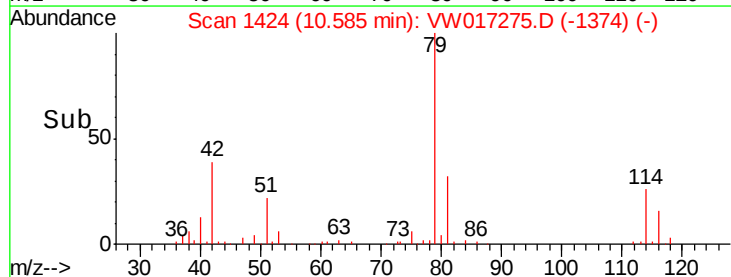
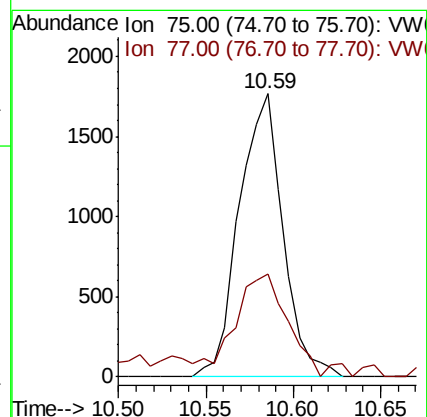
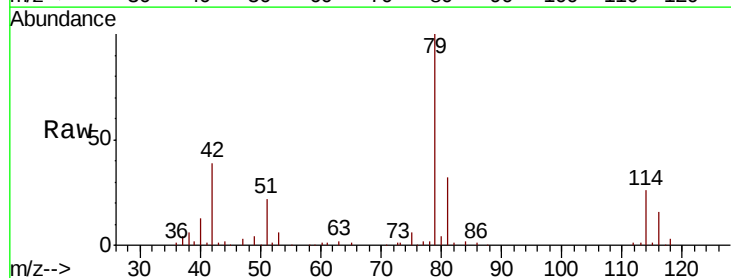
Acq: 17 Nov 2020 10:52

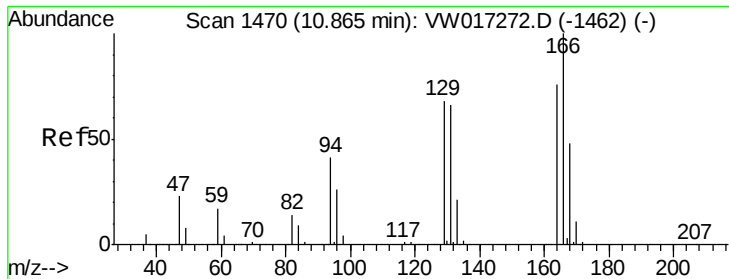
Tgt Ion: 75 Resp: 3072

Ion Ratio Lower Upper

75 100

77 36.2 22.1 41.1





#47

Tetrachloroethene

Concen: 0.436 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW017275.D

Acq: 17 Nov 2020 10:52

Instrument :

MSVOA_W

ClientSampleId :

GB106

Tot Ion:164 Resp: 1989

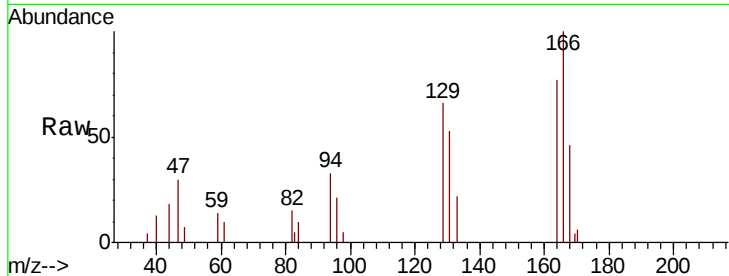
Ion Ratio Lower Upper

164 100

129 85.5 62.9 116.7

131 69.1 63.3 117.5

166 129.9 92.0 170.8



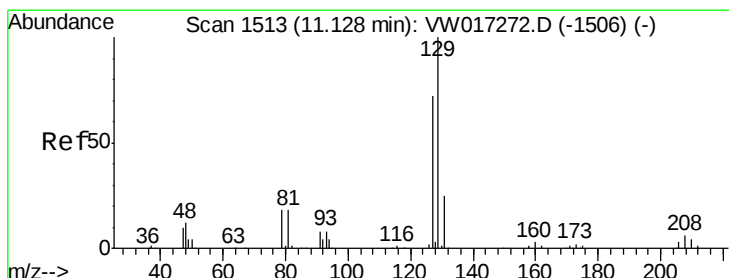
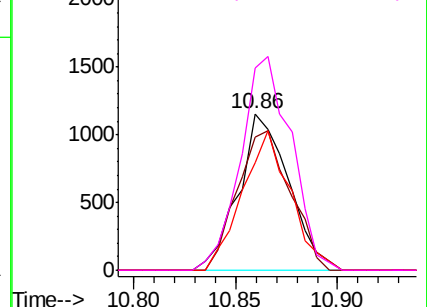
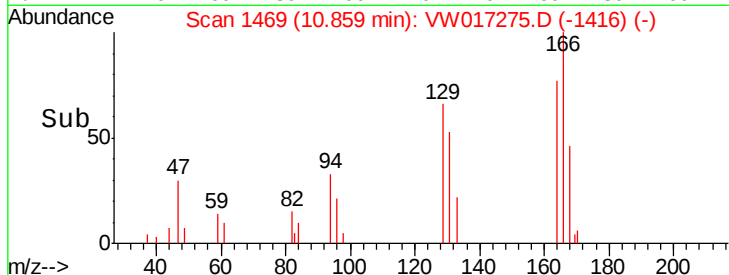
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50

Dibromochloromethane

Concen: 0.418 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW017275.D

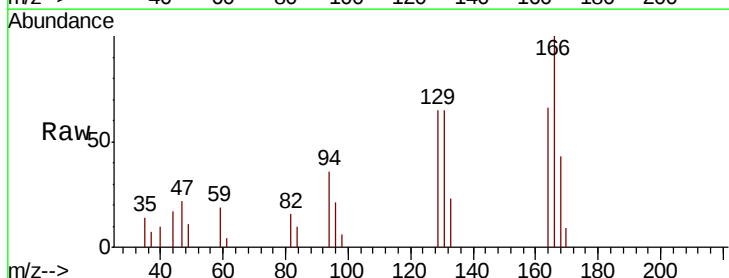
Acq: 17 Nov 2020 10:52

Tgt Ion:129 Resp: 1855

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

