

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011121\
 Data File : VW017823.D
 Acq On : 11 Jan 2021 16:49
 Operator : SY/VA
 Sample : M1074-11
 Misc : 3.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 12 05:26:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 12 05:24:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	326468	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292524	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	139259	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	128465	25.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.72%
7) Chloroethane-d5	2.89	69	100307	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.24%
10) 1,1-Dichloroethene-d2	4.03	63	164496	18.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.76%
20) 2-Butanone-d5	7.07	46	37520	45.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.66%
24) Chloroform-d	7.65	84	199867	23.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	8.30	65	110244	24.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.88%
29) Benzene-d6	8.27	84	406030	24.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.56%
33) 1,2-Dichloropropane-d6	9.27	67	113440	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.92%
37) Toluene-d8	10.32	98	375202	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.84%
38) trans-1,3-Dichloropropene-	10.58	79	43863	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.68%
39) 2-Hexanone-d5	10.93	63	26351	46.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	74309	22.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	107542	22.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.72%

Target Compounds

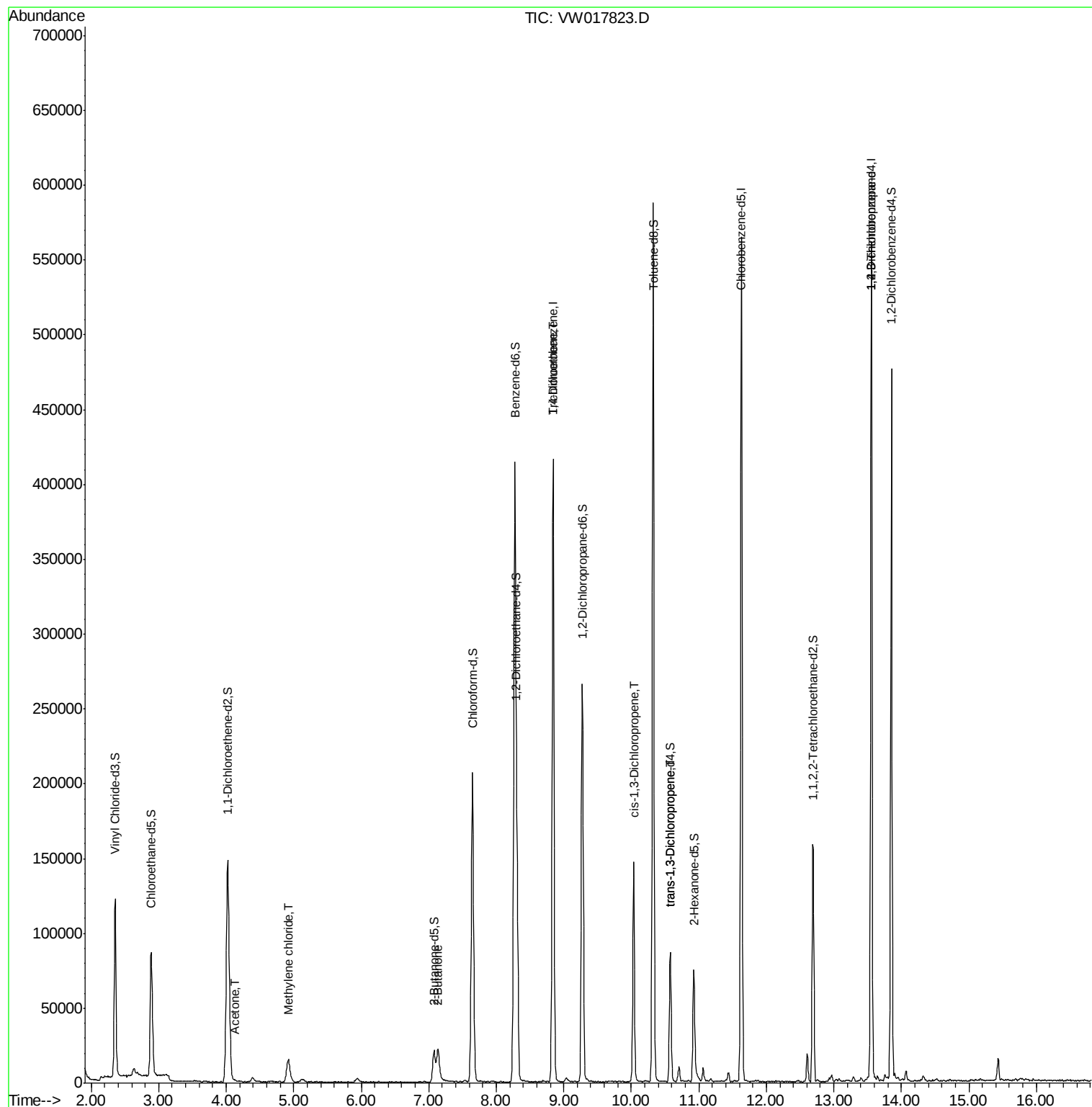
					Ovalue
13) Acetone	4.12	43	1251	1.770 ug/L	100
16) Methylene chloride	4.91	84	5426	1.162 ug/L	95
21) 2-Butanone	7.15	43	660	0.694 ug/L	84
35) Trichloroethene	8.84	95	10986	2.373 ug/L #	4
42) cis-1,3-Dichloropropene	10.04	75	4285	0.680 ug/L	87
45) trans-1,3-Dichloropropene	10.57	75	2705	0.504 ug/L	93
59) 1,2,3-Trichloropropane	13.55	75	20261	8.414 ug/L	92

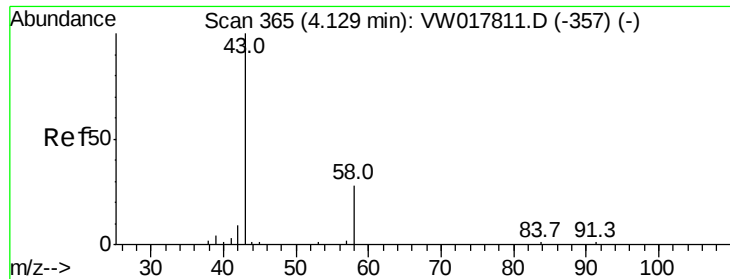
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 12 05:24:59 2021
Response via : Initial Calibration





#13

Acetone

Concen: 1.770 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017823.D

Acq: 11 Jan 2021 16:49

Instrument :

MSVOA_W

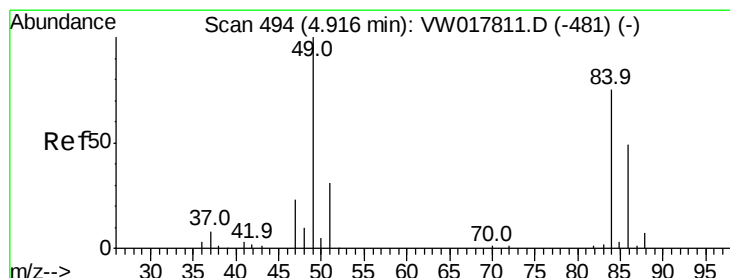
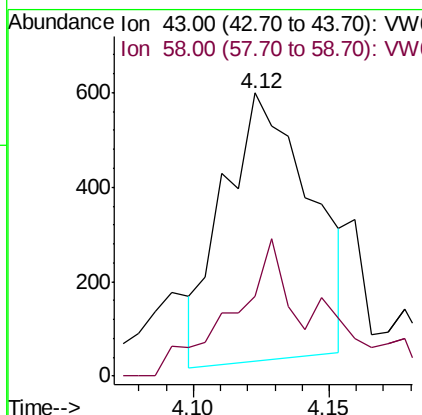
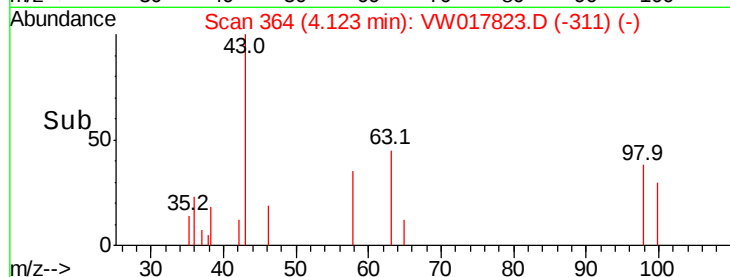
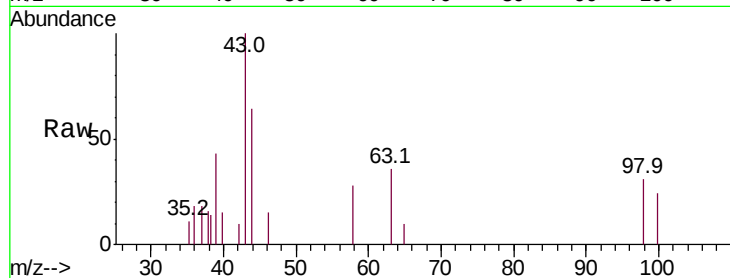
ClientSampled :

Tot Ion: 43 Resp: 1251

Ion Ratio Lower Upper

43 100

58 30.6 0.0 60.8



#16

Methylene chloride

Concen: 1.162 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017823.D

Acq: 11 Jan 2021 16:49

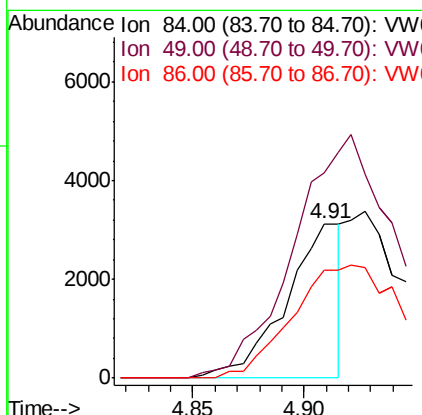
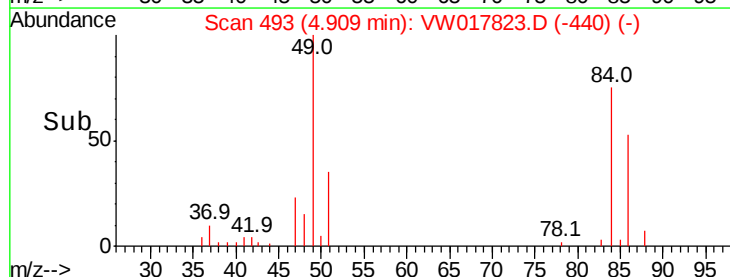
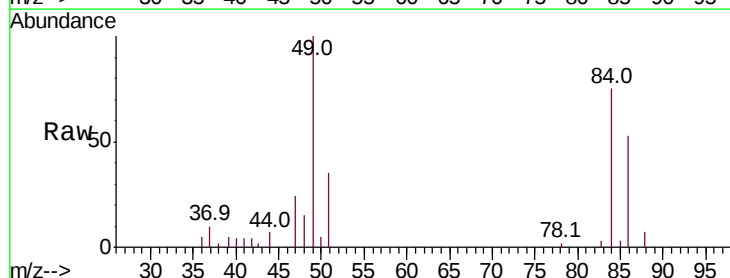
Tgt Ion: 84 Resp: 5426

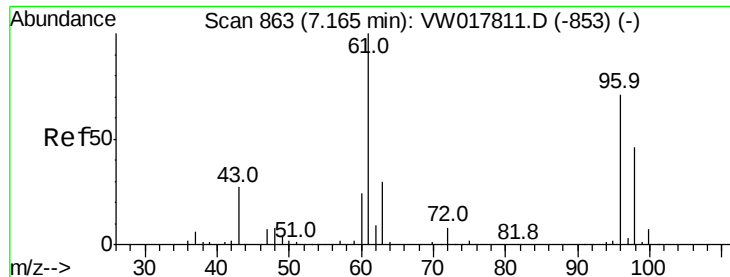
Ion Ratio Lower Upper

84 100

49 132.9 90.5 168.1

86 69.8 44.8 83.2





#21

2-Butanone

Concen: 0.694 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW017823.D

Acq: 11 Jan 2021 16:49

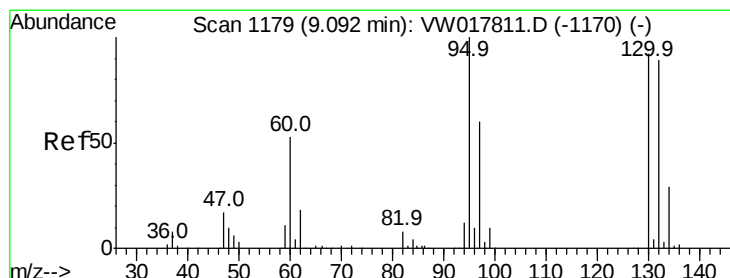
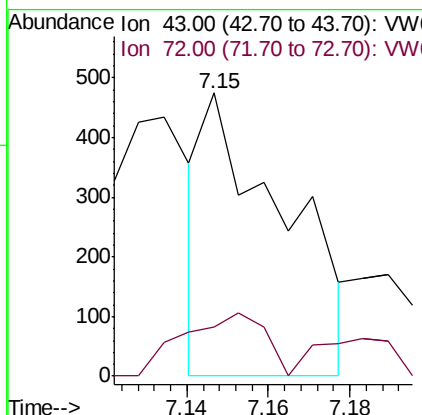
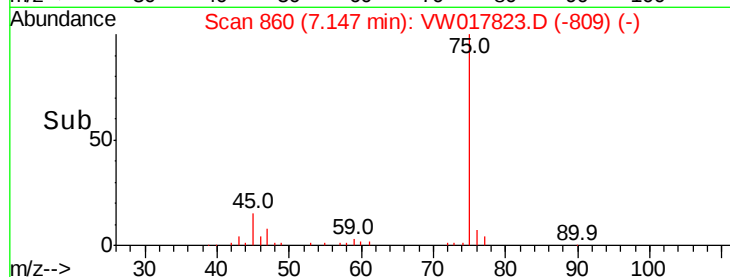
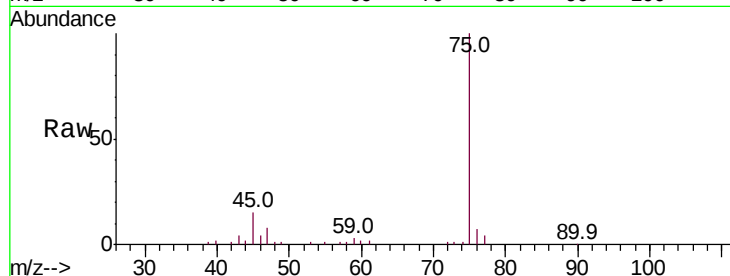
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 660

Ion Ratio Lower Upper

43 100

72 22.3 15.4 46.2



#35

Trichloroethene

Concen: 2.373 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017823.D

Acq: 11 Jan 2021 16:49

Tgt Ion: 95 Resp: 10986

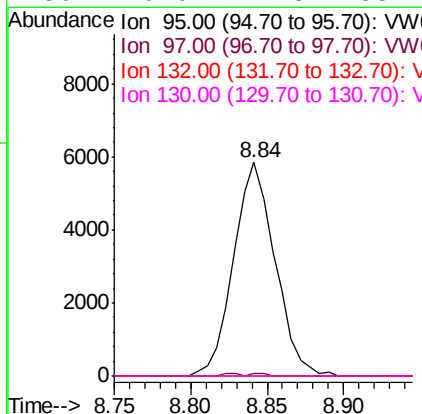
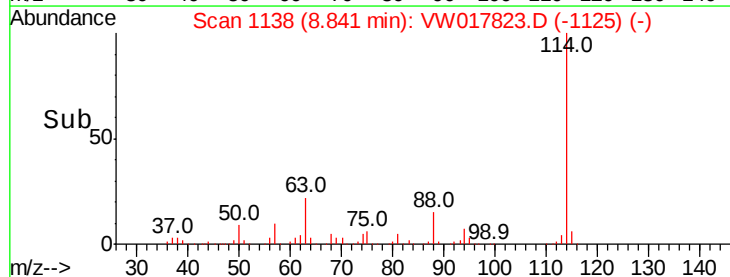
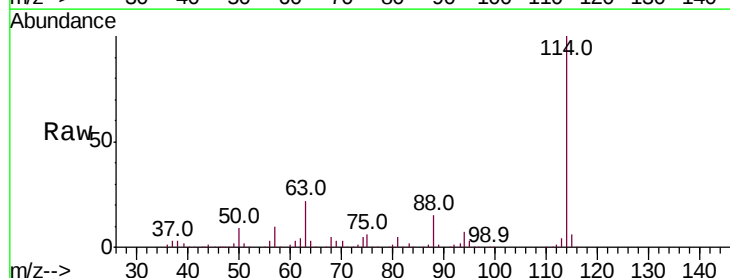
Ion Ratio Lower Upper

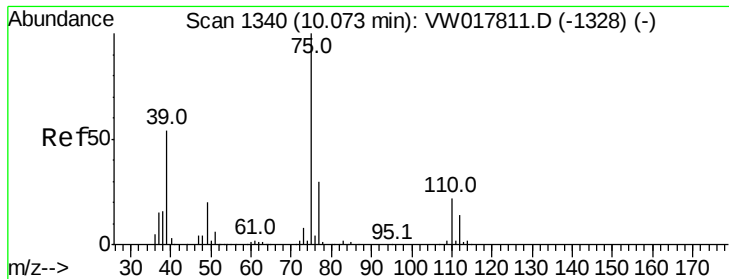
95 100

97 0.4 46.8 87.0#

132 0.0 68.3 126.9#

130 0.0 71.8 133.4#





#42

cis-1,3-Dichloropropene

Concen: 0.680 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017823.D

Acq: 11 Jan 2021 16:49

Instrument :

MSVOA_W

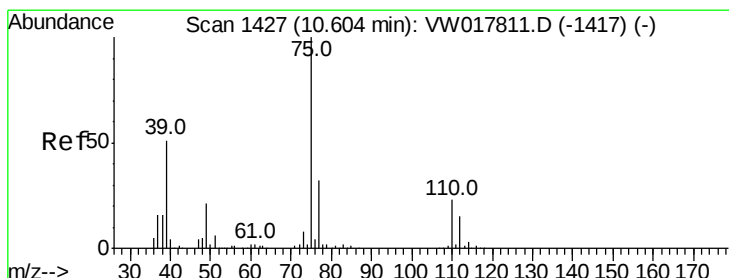
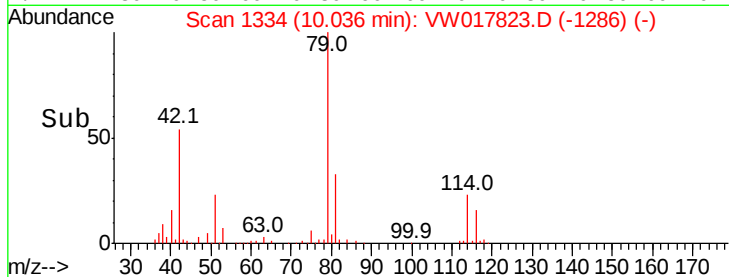
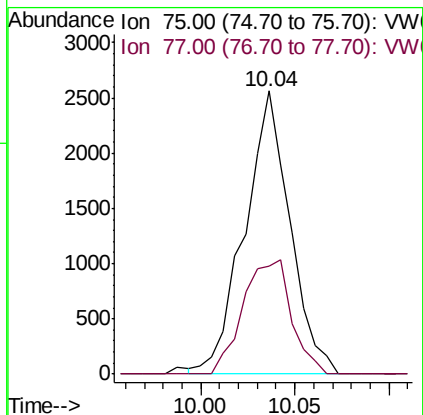
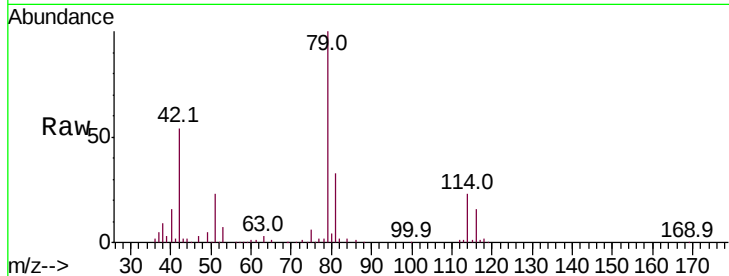
ClientSampleId :

Tot Ion: 75 Resp: 4285

Ion Ratio Lower Upper

75 100

77 38.1 21.6 40.2



#45

trans-1,3-Dichloropropene

Concen: 0.504 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW017823.D

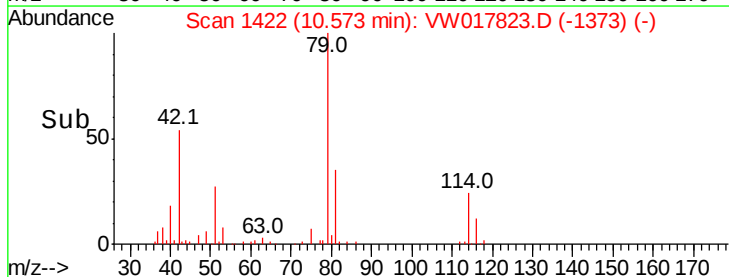
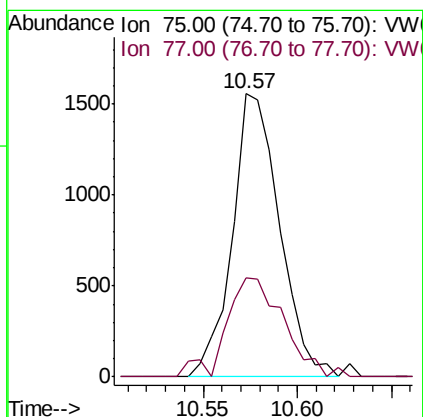
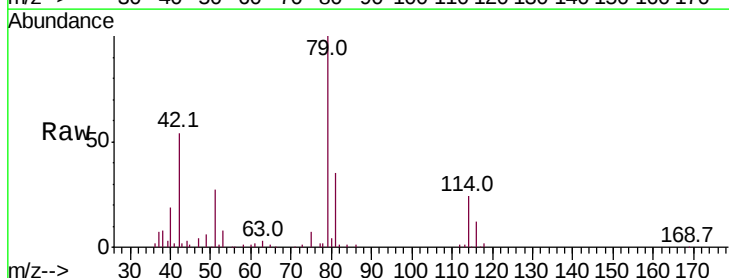
Acq: 11 Jan 2021 16:49

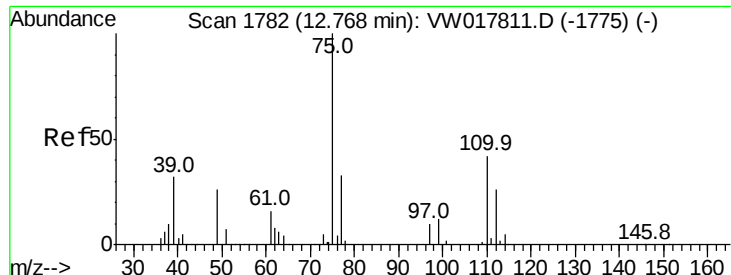
Tgt Ion: 75 Resp: 2705

Ion Ratio Lower Upper

75 100

77 34.8 21.6 40.0





#59

1,2,3-Trichloropropane

Concen: 8.414 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017823.D

Acq: 11 Jan 2021 16:49

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 20261

Ion Ratio Lower Upper

75 100

77 35.9 25.4 38.0

