

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017530.D
 Acq On : 03 Dec 2020 11:41
 Operator : SY/VA
 Sample : L4920-04
 Misc : 4.70G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 00:33:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	489868	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	437179	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	217273	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	105265	16.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.36%
7) Chloroethane-d5	2.90	69	94431	17.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.48%
10) 1,1-Dichloroethene-d2	4.03	63	192065	13.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.56%
20) 2-Butanone-d5	7.09	46	53909	39.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.34%
24) Chloroform-d	7.65	84	271875	19.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.16%
26) 1,2-Dichloroethane-d4	8.31	65	138360	20.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.04%
29) Benzene-d6	8.28	84	520308	19.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.40%
33) 1,2-Dichloropropane-d6	9.27	67	150819	20.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.08%
37) Toluene-d8	10.32	98	478633	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.20%
38) trans-1,3-Dichloropropene-	10.58	79	62553	18.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.28%
39) 2-Hexanone-d5	10.93	63	34899	37.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108242	20.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	169734	21.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.40%

Target Compounds

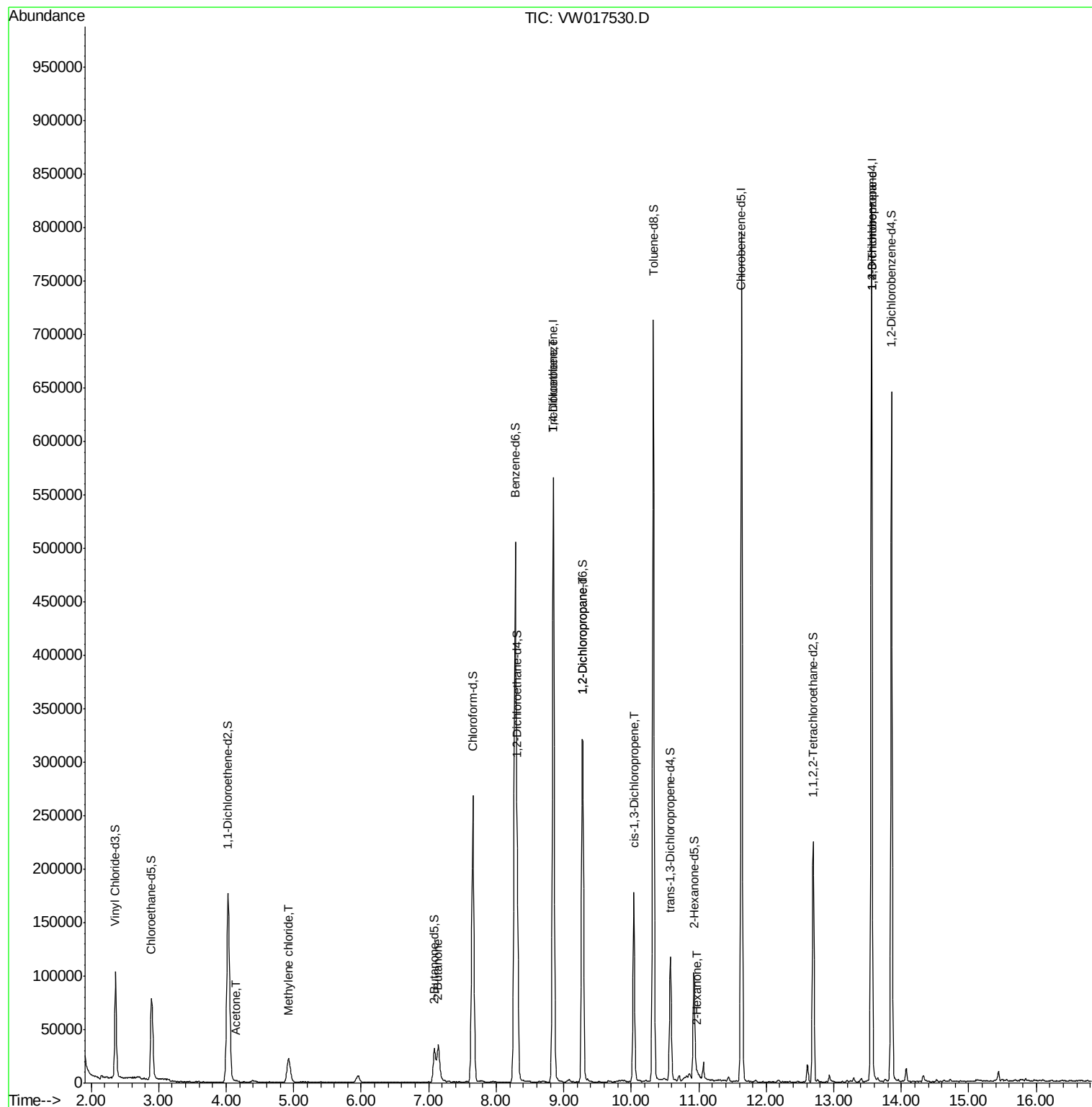
					Ovalue
13) Acetone	4.14	43	1412	1.080 ug/L	72
16) Methylene chloride	4.91	84	6860	0.933 ug/L	98
21) 2-Butanone	7.14	43	1246	0.796 ug/L #	56
35) Trichloroethene	8.84	95	14551	1.998 ug/L #	3
40) 1,2-Dichloropropane	9.28	63	17802	2.884 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4714	0.493 ug/L #	70
49) 2-Hexanone	10.98	43	842	0.420 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	25170	6.851 ug/L	100

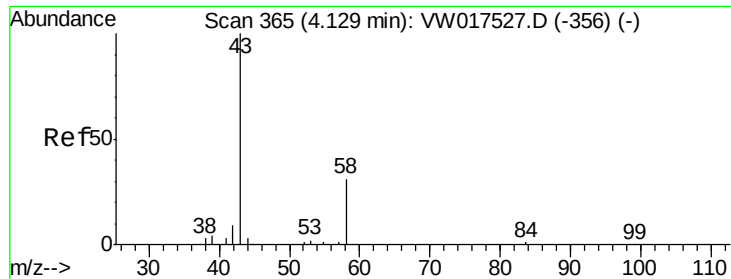
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sun Dec 20 00:31:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.080 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017530.D

Acq: 03 Dec 2020 11:41

Instrument :

MSVOA_W

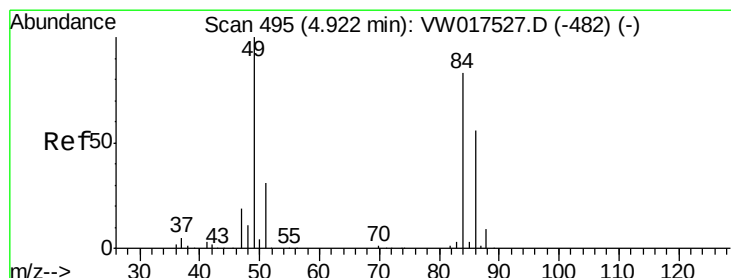
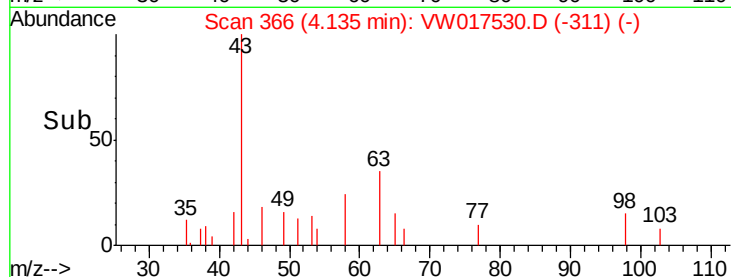
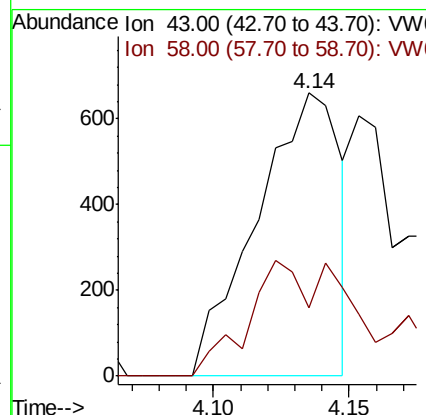
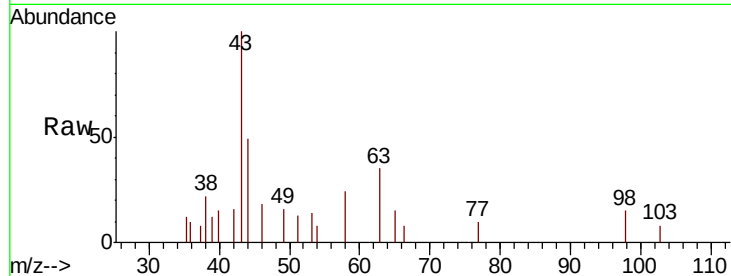
ClientSampled :

Tot Ion: 43 Resp: 1412

Ion Ratio Lower Upper

43 100

58 18.0 0.0 68.4



#16

Methylene chloride

Concen: 0.933 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017530.D

Acq: 03 Dec 2020 11:41

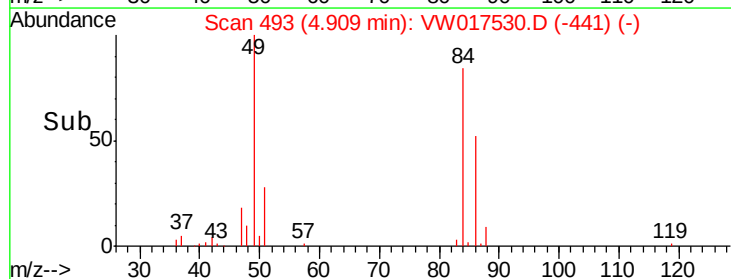
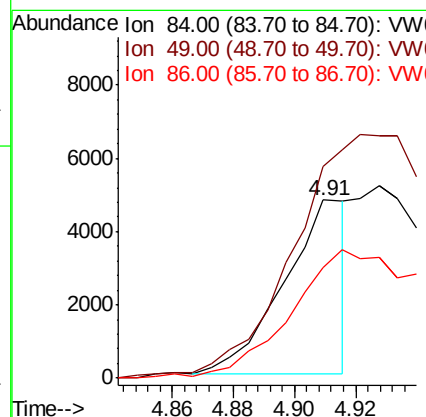
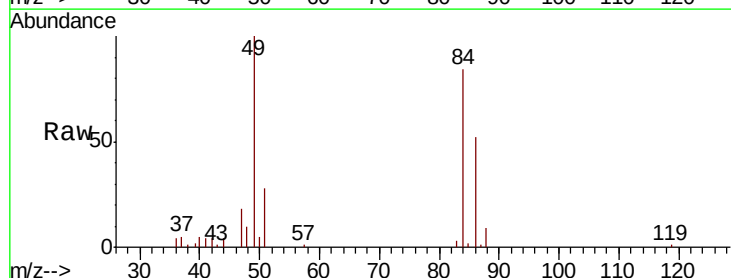
Tgt Ion: 84 Resp: 6860

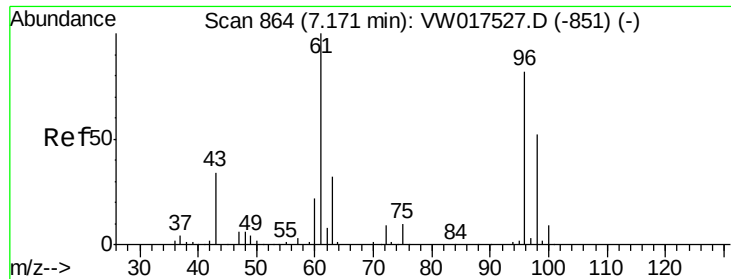
Ion Ratio Lower Upper

84 100

49 118.6 81.2 150.8

86 61.7 44.5 82.7





#21

2-Butanone

Concen: 0.796 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW017530.D

Acq: 03 Dec 2020 11:41

Instrument :

MSVOA_W

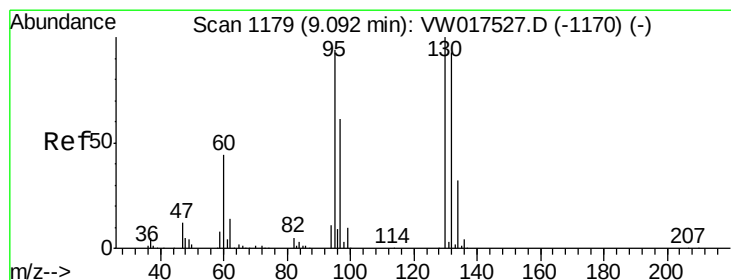
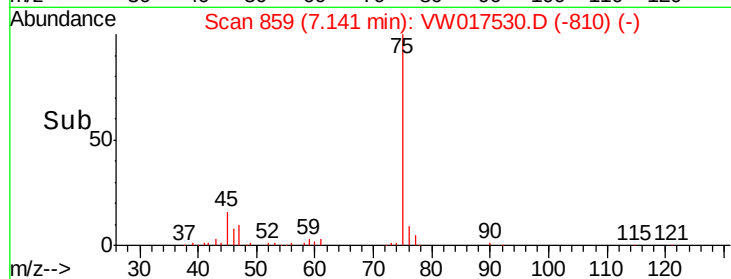
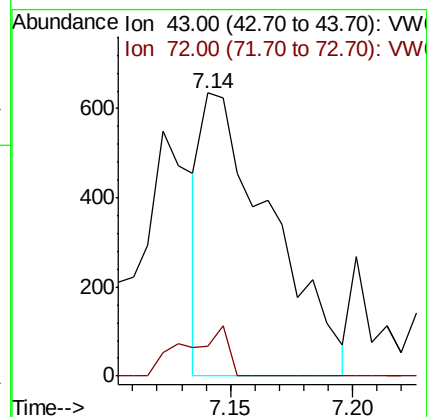
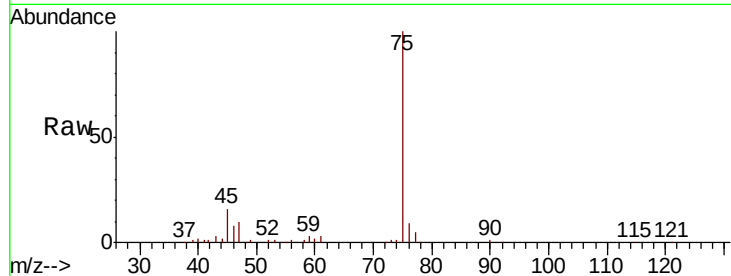
ClientSampleId :

Tot Ion: 43 Resp: 1246

Ion Ratio Lower Upper

43 100

72 5.4 14.4 43.2#



#35

Trichloroethene

Concen: 1.998 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017530.D

Acq: 03 Dec 2020 11:41

Tgt Ion: 95 Resp: 14551

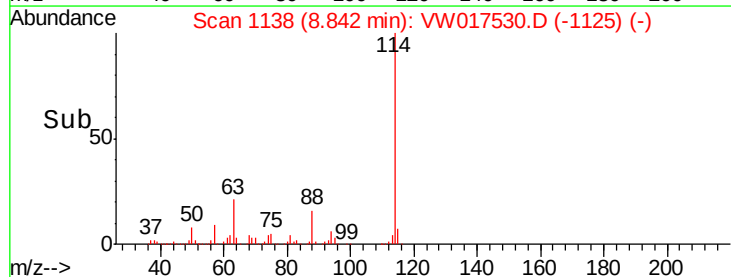
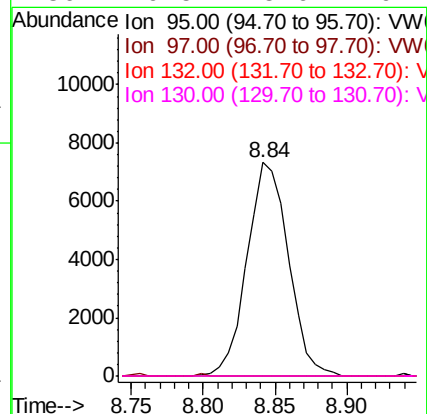
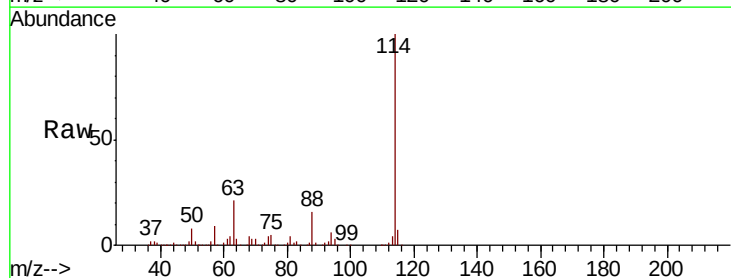
Ion Ratio Lower Upper

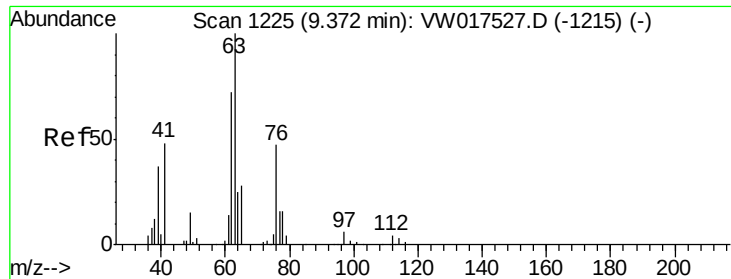
95 100

97 0.4 45.0 83.6#

132 0.0 71.0 131.8#

130 0.5 75.6 140.4#





#40

1,2-Dichloropropane

Concen: 2.884 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017530.D

Acq: 03 Dec 2020 11:41

Instrument :

MSVOA_W

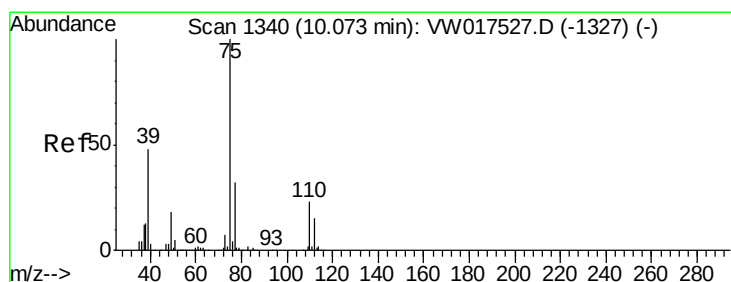
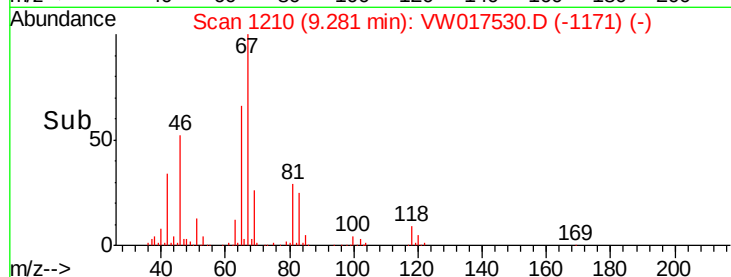
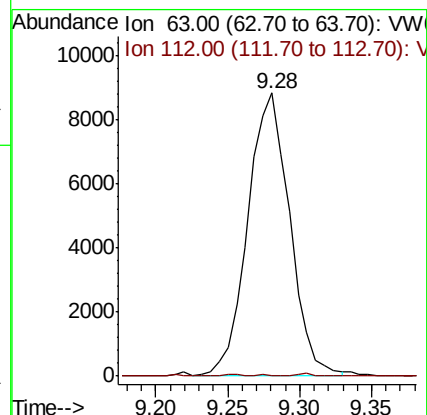
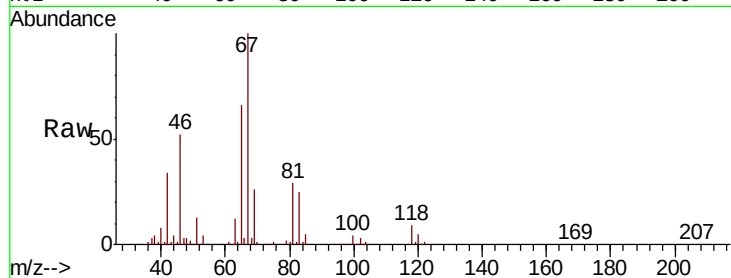
ClientSampleId :

Tot Ion: 63 Resp: 17802

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.4#



#42

cis-1,3-Dichloropropene

Concen: 0.493 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017530.D

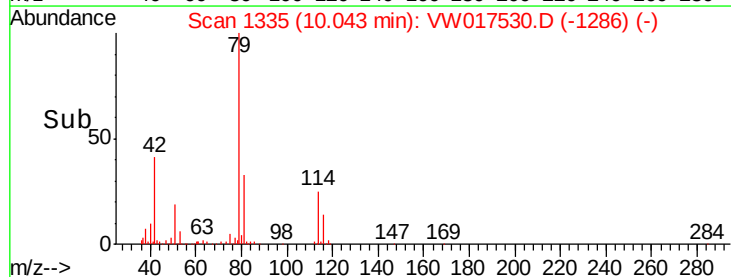
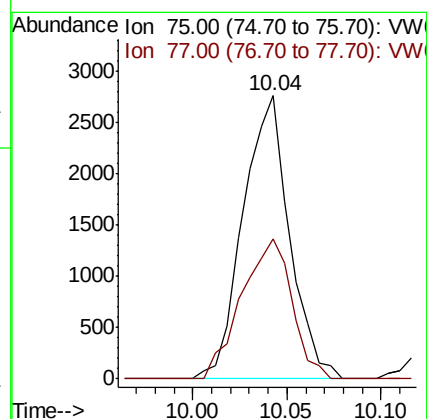
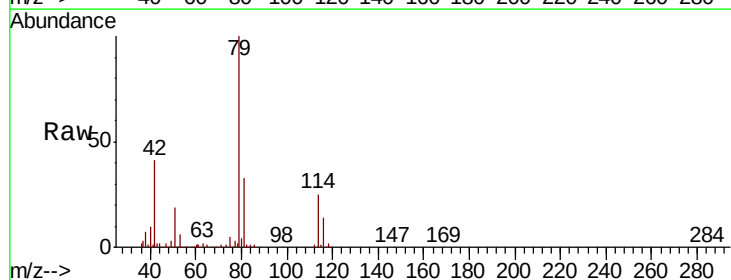
Acq: 03 Dec 2020 11:41

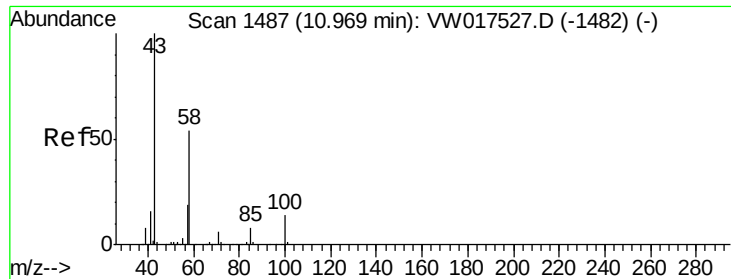
Tgt Ion: 75 Resp: 4714

Ion Ratio Lower Upper

75 100

77 49.5 22.7 42.3#





#49

2-Hexanone

Concen: 0.420 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017530.D

Acq: 03 Dec 2020 11:41

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 842

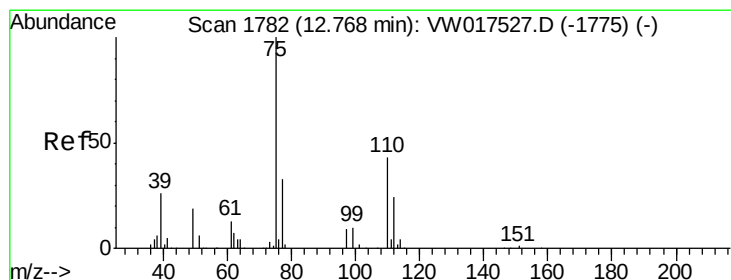
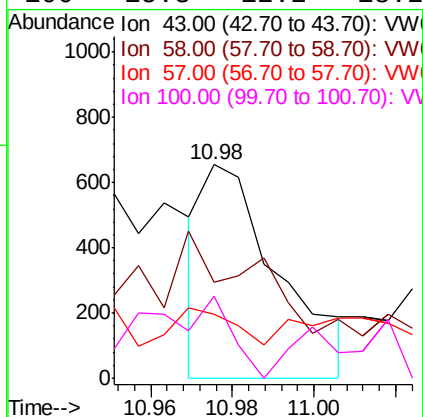
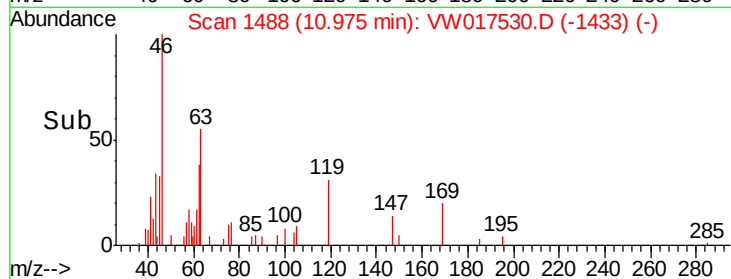
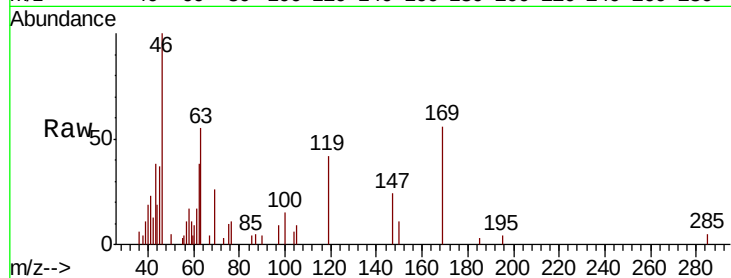
Ion Ratio Lower Upper

43 100

58 25.7 51.3 76.9#

57 14.1 15.0 22.6#

100 15.3 12.2 18.2



#59

1,2,3-Trichloropropane

Concen: 6.851 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017530.D

Acq: 03 Dec 2020 11:41

Tgt Ion: 75 Resp: 25170

Ion Ratio Lower Upper

75 100

77 33.0 26.6 39.8

