

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072420\
 Data File : VW015947.D
 Acq On : 24 Jul 2020 14:02
 Operator : SY/VA
 Sample : L3419-14
 Misc : 4.56G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 05:17:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 05:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	497632	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	420252	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170015	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	139561	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.52%
7) Chloroethane-d5	2.90	69	112904	19.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.20%
10) 1,1-Dichloroethene-d2	4.01	63	207176	14.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.36%
20) 2-Butanone-d5	7.09	46	47180	25.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.16%
24) Chloroform-d	7.65	84	259562	18.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.28%
26) 1,2-Dichloroethane-d4	8.31	65	137641	17.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.76%
29) Benzene-d6	8.27	84	538095	21.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.16%
33) 1,2-Dichloropropane-d6	9.27	67	161607	21.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.28%
37) Toluene-d8	10.33	98	463217	19.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.96%
38) trans-1,3-Dichloropropene-	10.58	79	52286	16.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.00%
39) 2-Hexanone-d5	10.93	63	35938	28.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105911	17.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	124500	18.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.12%

Target Compounds

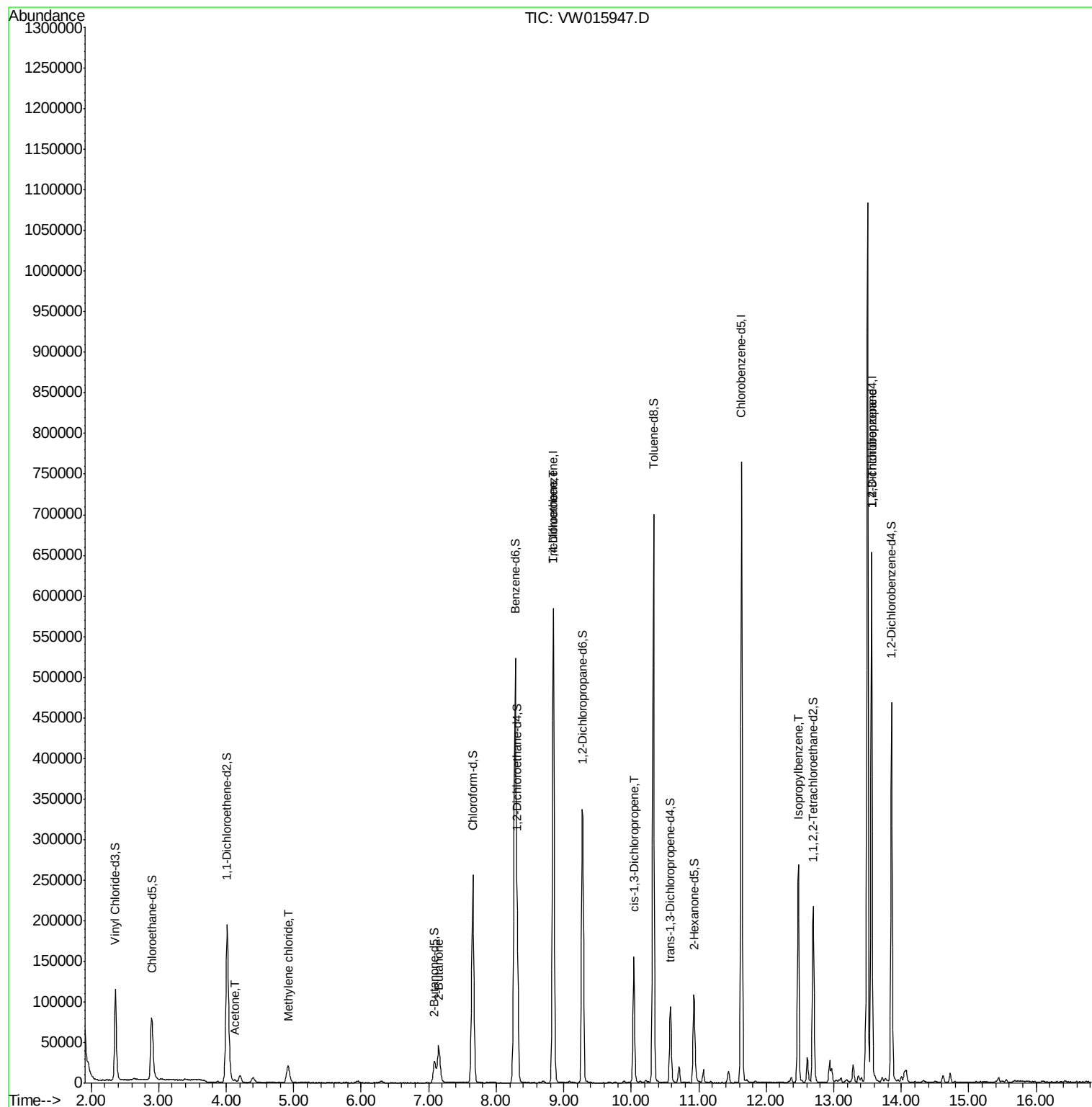
					Ovalue
13) Acetone	4.12	43	4852	3.132 ug/L	96
16) Methylene chloride	4.92	84	16731	2.052 ug/L	88
21) 2-Butanone	7.15	43	7125	3.720 ug/L #	52
35) Trichloroethene	8.85	95	14764	2.187 ug/L #	6
42) cis-1,3-Dichloropropene	10.04	75	3627	0.377 ug/L #	77
57) Isopropylbenzene	12.48	105	11381	0.394 ug/L #	1
59) 1,2,3-Trichloropropane	13.56	75	20580	5.144 ug/L	90

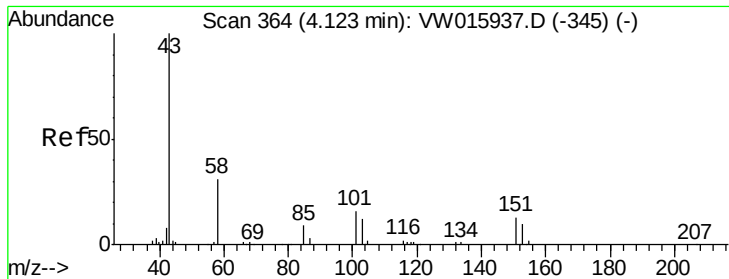
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.132 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015947.D

Acq: 24 Jul 2020 14:02

Instrument :

MSVOA_W

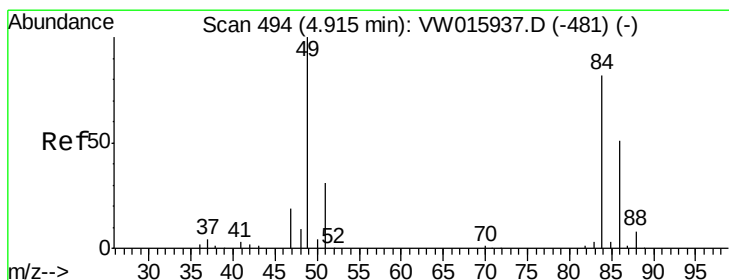
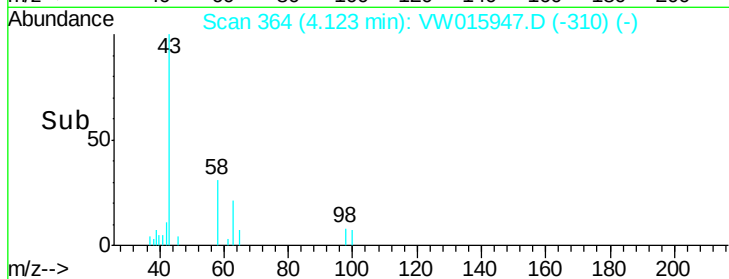
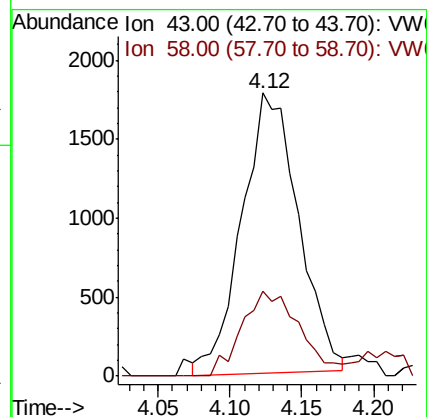
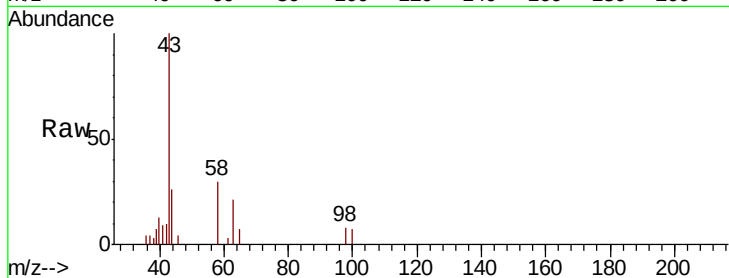
ClientSampled :

Tot Ion: 43 Resp: 4852

Ion Ratio Lower Upper

43 100

58 31.3 0.0 58.2



#16

Methylene chloride

Concen: 2.052 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW015947.D

Acq: 24 Jul 2020 14:02

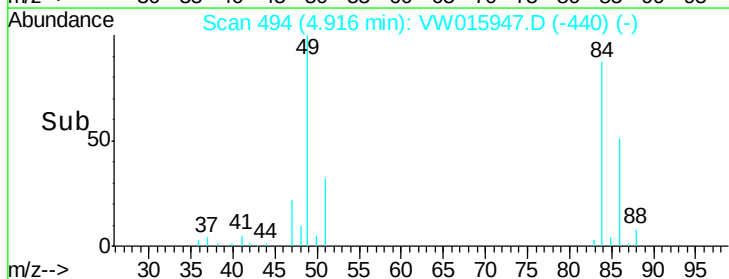
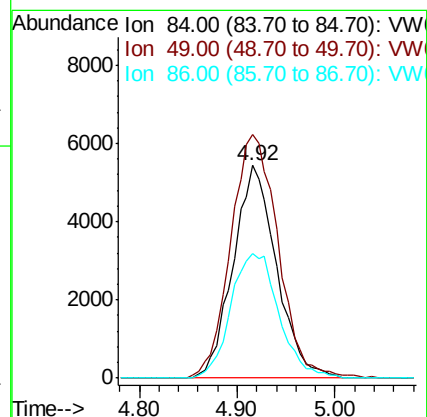
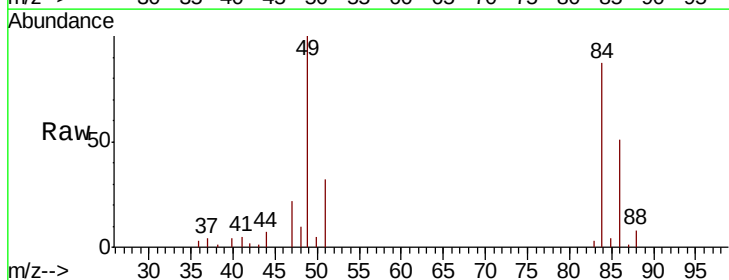
Tgt Ion: 84 Resp: 16731

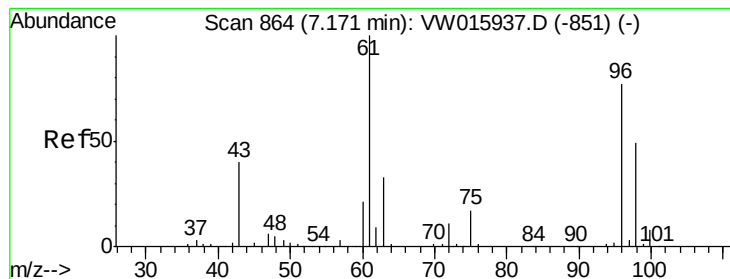
Ion Ratio Lower Upper

84 100

49 114.6 91.1 169.1

86 58.9 46.0 85.4





#21

2-Butanone

Concen: 3.720 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW015947.D

Acq: 24 Jul 2020 14:02

Instrument :

MSVOA_W

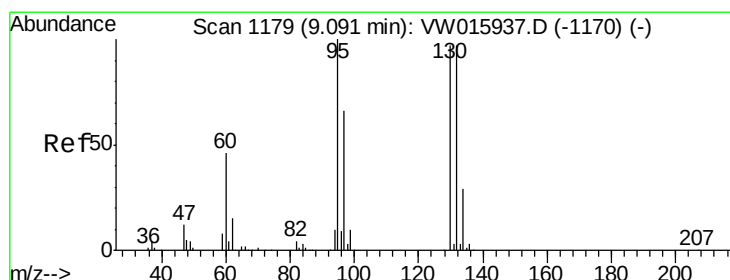
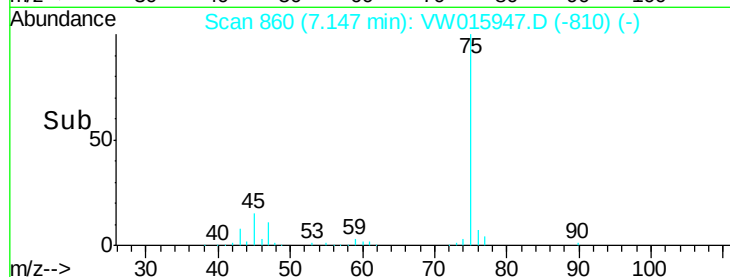
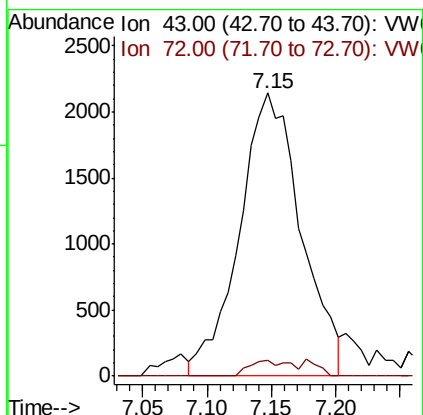
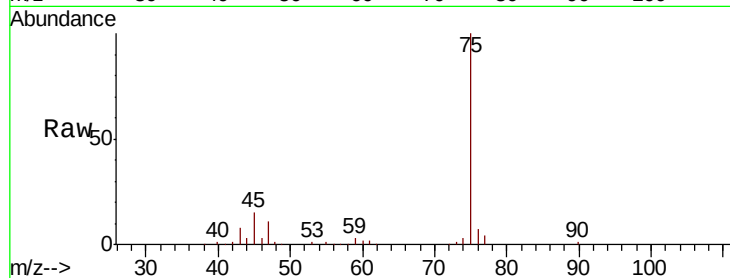
ClientSampled :

Tot Ion: 43 Resp: 7125

Ion Ratio Lower Upper

43 100

72 2.4 13.9 41.7#



#35

Trichloroethene

Concen: 2.187 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015947.D

Acq: 24 Jul 2020 14:02

Tgt Ion: 95 Resp: 14764

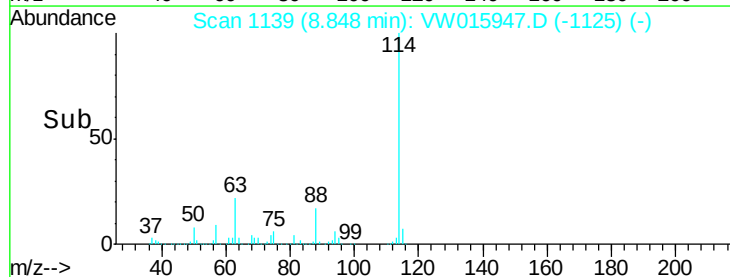
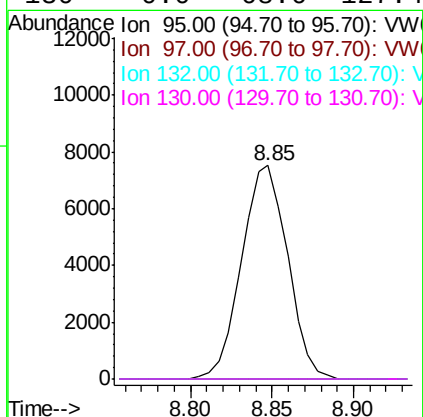
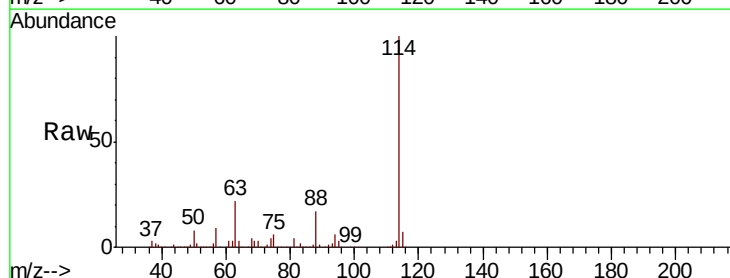
Ion Ratio Lower Upper

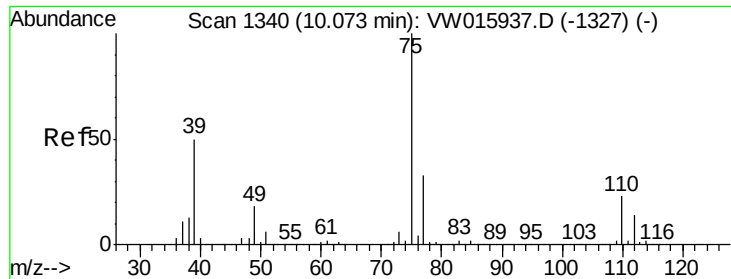
95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#





#42

cis-1,3-Dichloropropene

Concen: 0.377 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015947.D

Acq: 24 Jul 2020 14:02

Instrument :

MSVOA_W

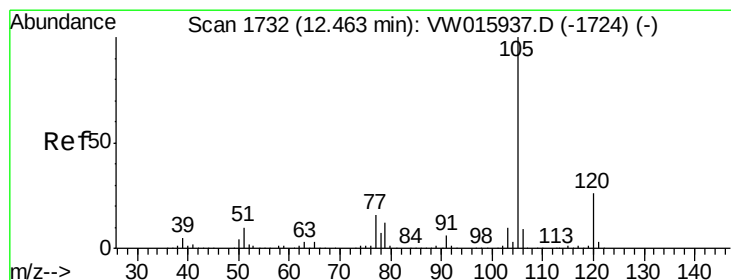
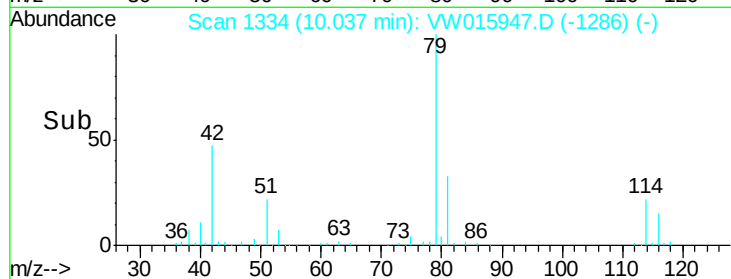
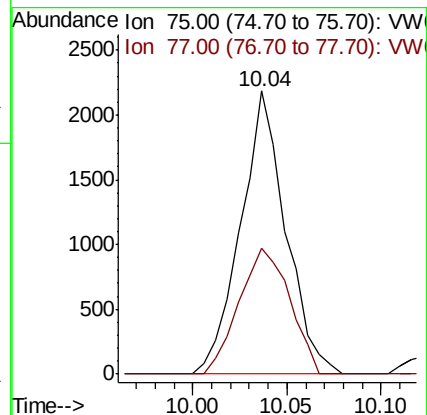
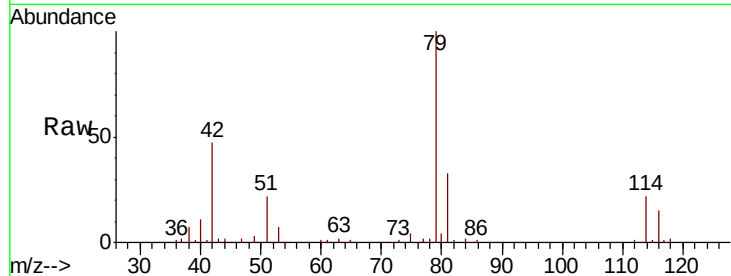
ClientSampled :

Tot Ion: 75 Resp: 3627

Ion Ratio Lower Upper

75 100

77 44.7 22.2 41.2#



#57

Isopropylbenzene

Concen: 0.394 ug/L

RT: 12.48 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW015947.D

Acq: 24 Jul 2020 14:02

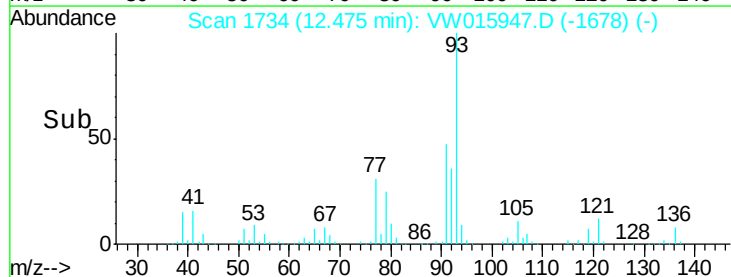
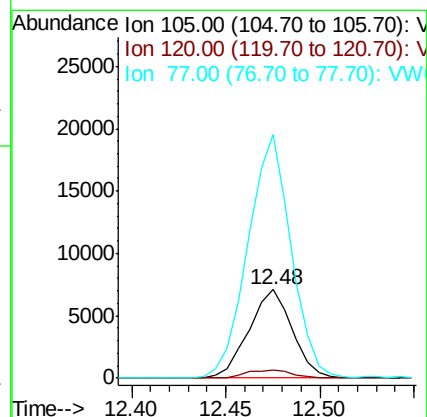
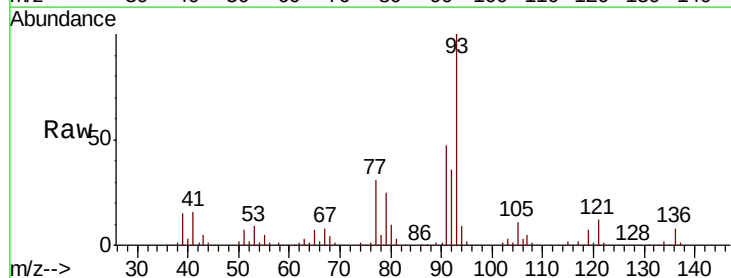
Tgt Ion: 105 Resp: 11381

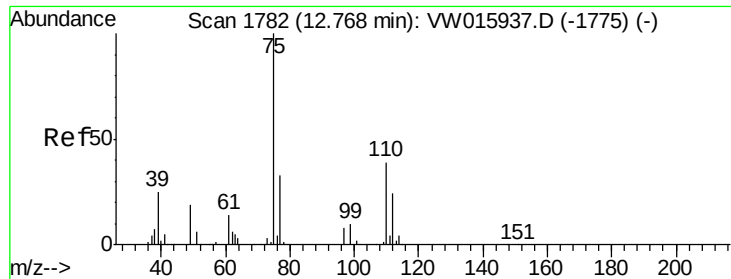
Ion Ratio Lower Upper

105 100

120 9.4 20.4 30.6#

77 271.6 12.9 19.3#





#59

1,2,3-Trichloropropane

Concen: 5.144 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015947.D

Acq: 24 Jul 2020 14:02

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 20580

Ion Ratio Lower Upper

75 100

77 38.0 26.0 39.0

