

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072420\
 Data File : VW015940.D
 Acq On : 24 Jul 2020 11:17
 Operator : SY/VA
 Sample : L3388-02RE
 Misc : 4.43G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 05:16:09 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	8.85	114	470385	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	345035	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	94392	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	153919	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
7) Chloroethane-d5	2.90	69	121893	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.44%
10) 1,1-Dichloroethene-d2	4.01	63	223948	16.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.76%
20) 2-Butanone-d5	7.08	46	54771	31.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.82%
24) Chloroform-d	7.65	84	263848	19.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.88%
26) 1,2-Dichloroethane-d4	8.31	65	133718	18.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.76%
29) Benzene-d6	8.28	84	542787	25.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.36%
33) 1,2-Dichloropropane-d6	9.27	67	159952	25.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.60%
37) Toluene-d8	10.33	98	442798	23.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.12%
38) trans-1,3-Dichloropropene-	10.58	79	52754	19.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.64%
39) 2-Hexanone-d5	10.93	63	39036	37.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86181	17.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	76248	20.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.88%

Target Compounds

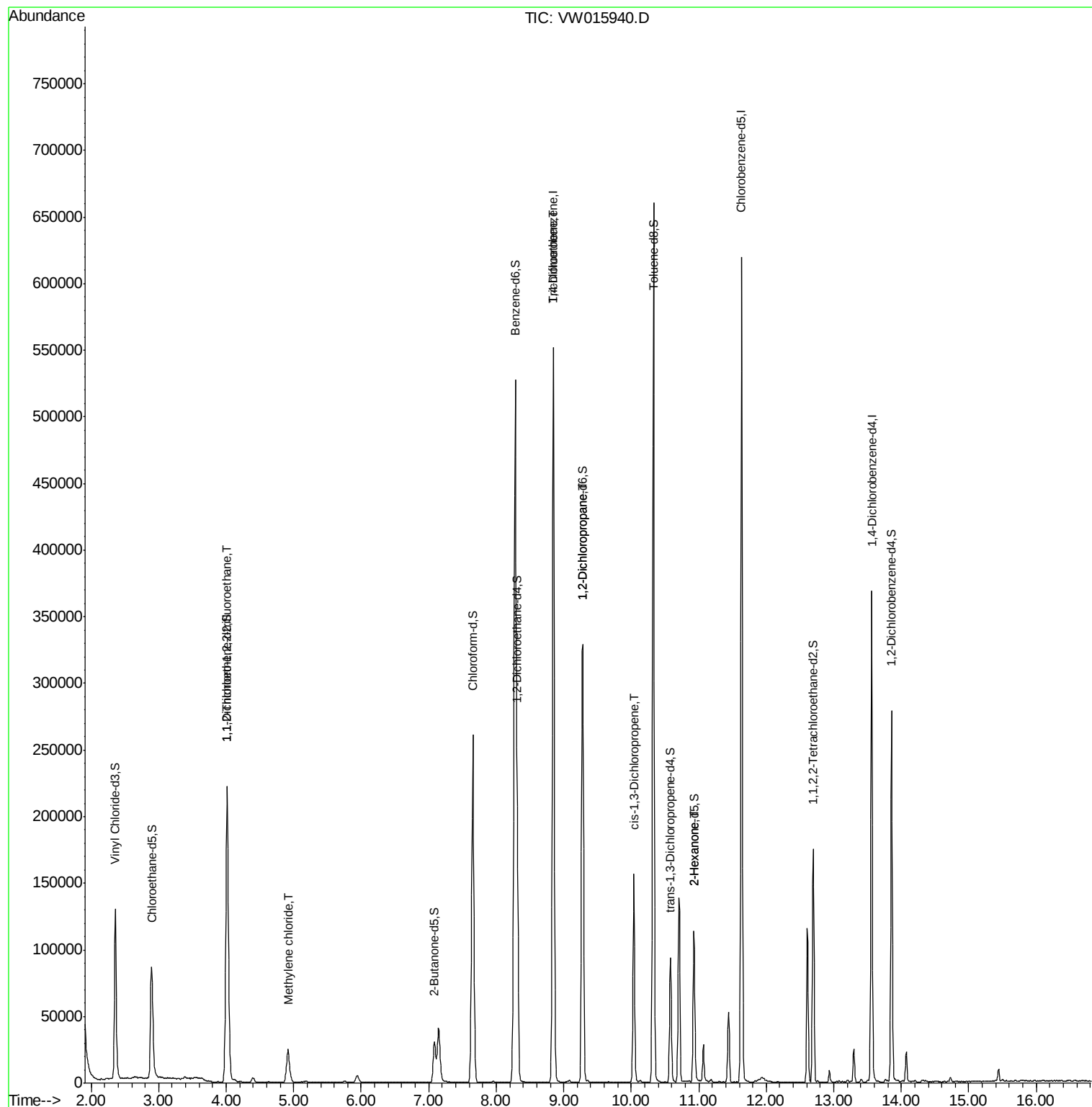
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	2143	0.351 ug/L #	20
16) Methylene chloride	4.92	84	18760	2.434 ug/L	94
35) Trichloroethene	8.85	95	14073	2.539 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	17760	3.421 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3722	0.471 ug/L #	69
49) 2-Hexanone	10.93	43	5549	2.581 ug/L #	67

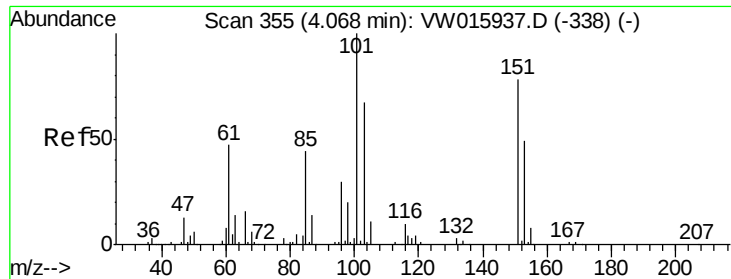
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 25 05:14:30 2020
Response via : Initial Calibration





#11

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

Concen: 0.351 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW015940.D

Acq: 24 Jul 2020 11:17

Instrument :

MSVOA_W

ClientSampleId :

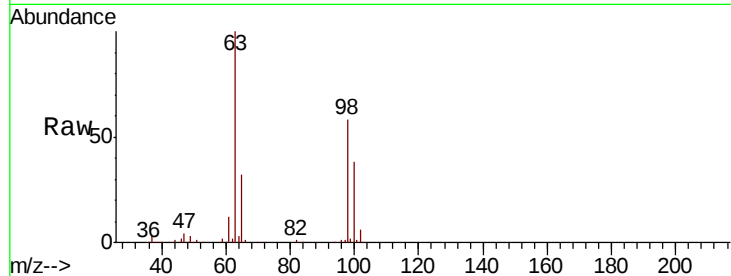
Tot Ion:101 Resp: 2143

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

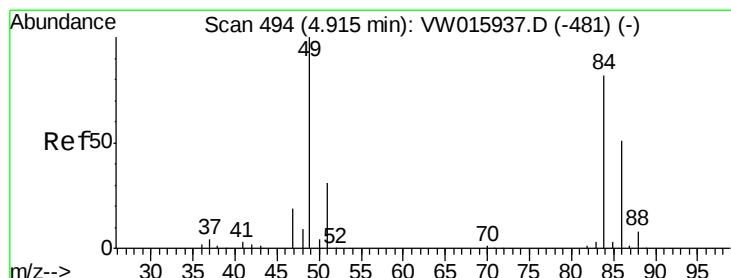
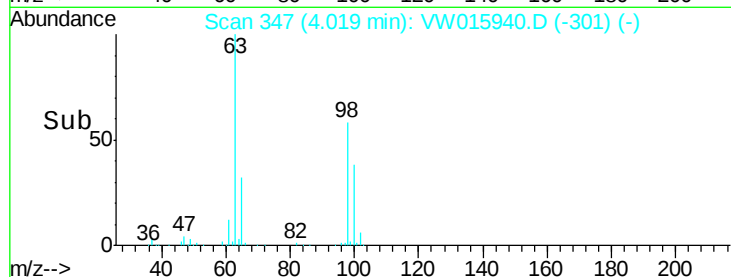
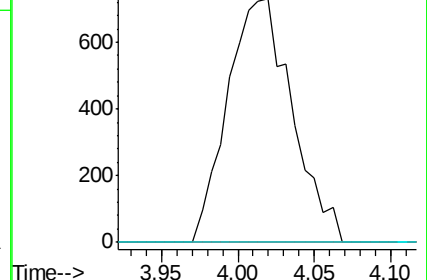
151 0.0 58.4 87.6#



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



#16

Methylene chloride

Concen: 2.434 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW015940.D

Acq: 24 Jul 2020 11:17

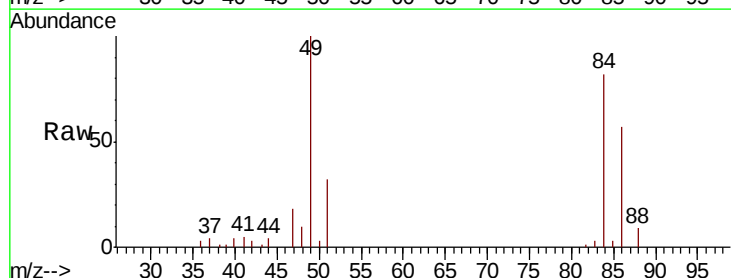
Tgt Ion: 84 Resp: 18760

Ion Ratio Lower Upper

84 100

49 122.3 91.1 169.1

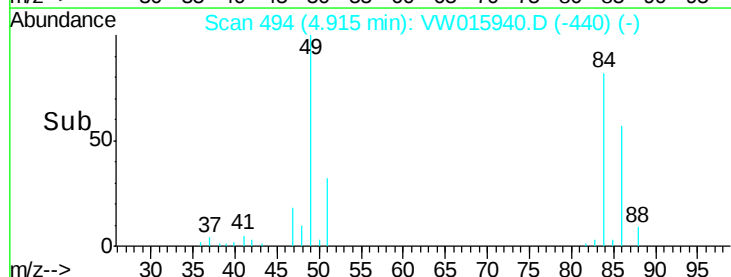
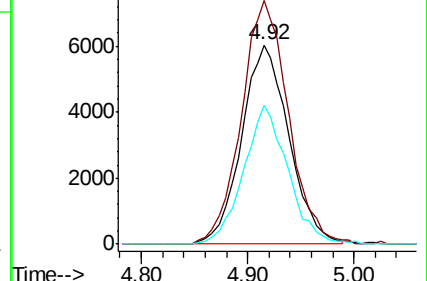
86 69.5 46.0 85.4

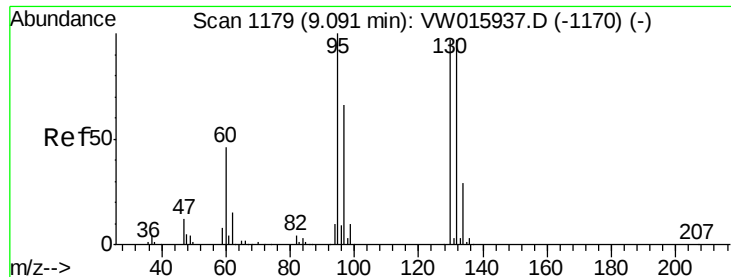


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.539 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015940.D

Acq: 24 Jul 2020 11:17

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 14073

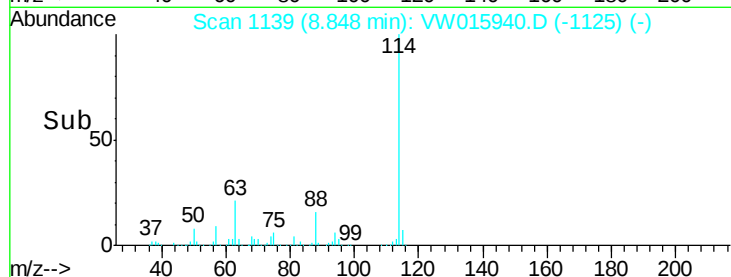
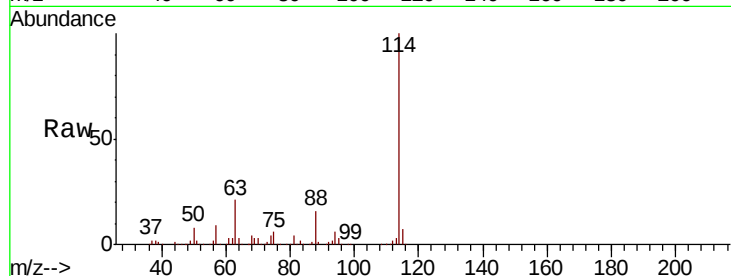
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#

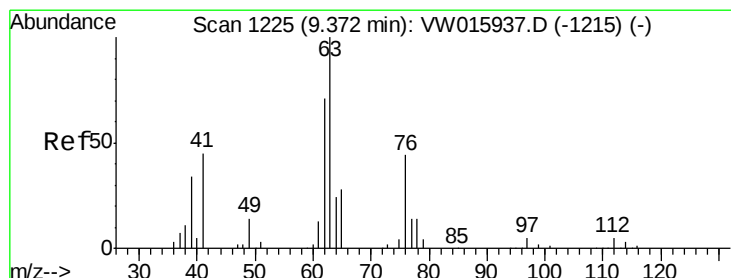
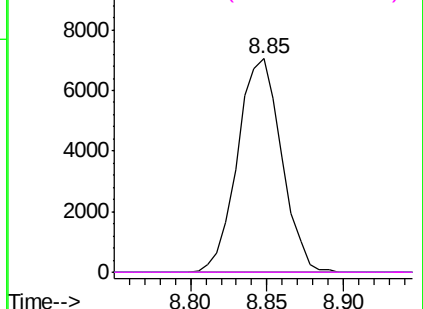


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.421 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW015940.D

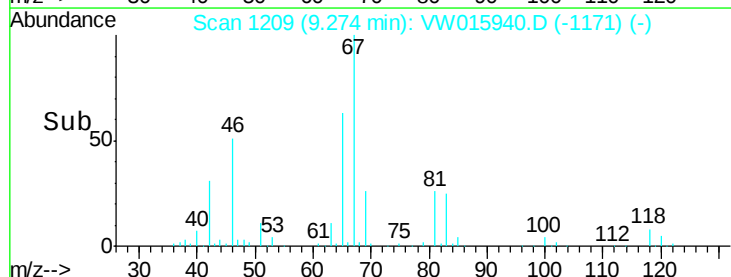
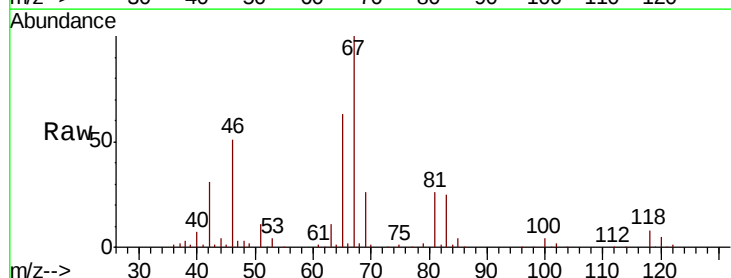
Acq: 24 Jul 2020 11:17

Tgt Ion: 63 Resp: 17760

Ion Ratio Lower Upper

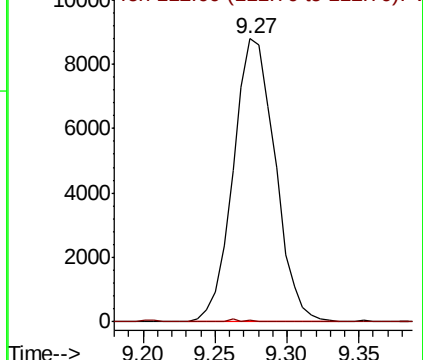
63 100

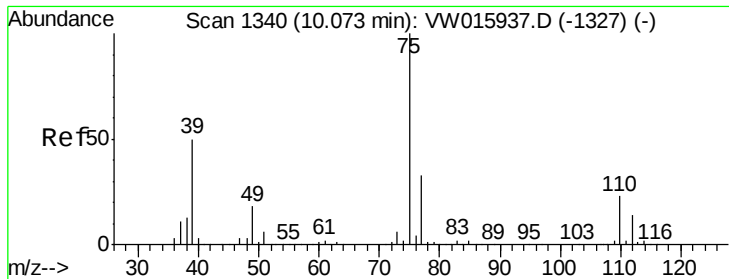
112 0.1 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.471 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015940.D

Acq: 24 Jul 2020 11:17

Instrument :

MSVOA_W

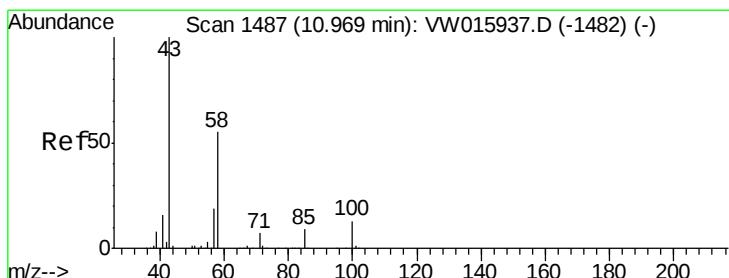
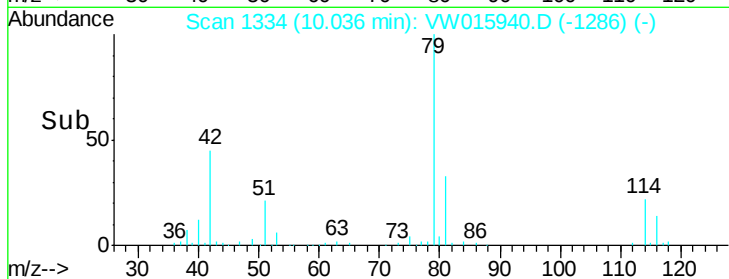
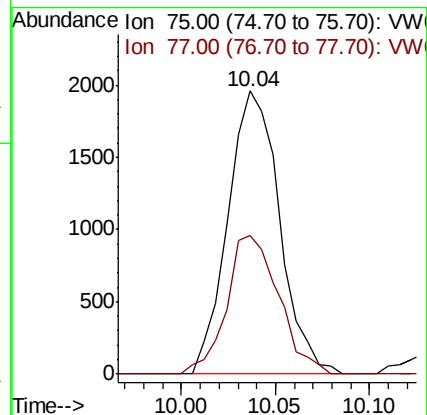
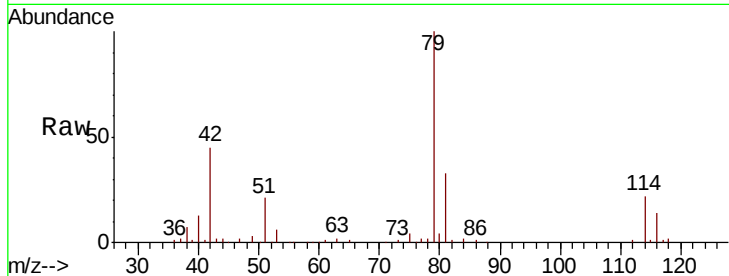
ClientSampleId :

Tot Ion: 75 Resp: 3722

Ion Ratio Lower Upper

75 100

77 48.9 22.2 41.2#



#49

2-Hexanone

Concen: 2.581 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015940.D

Acq: 24 Jul 2020 11:17

Tgt Ion: 43 Resp: 5549

Ion Ratio Lower Upper

43 100

58 22.2 42.4 63.6#

57 24.1 15.6 23.4#

100 1.8 9.8 14.6#

