

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072420\
 Data File : VW015949.D
 Acq On : 24 Jul 2020 14:49
 Operator : SY/VA
 Sample : L3419-16
 Misc : 4.74G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 05:17:29 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	374753	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	314871	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	107247	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118364	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.52%
7) Chloroethane-d5	2.90	69	93247	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.84%
10) 1,1-Dichloroethene-d2	4.01	63	173137	16.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.76%
20) 2-Butanone-d5	7.09	46	56091	40.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.76%
24) Chloroform-d	7.65	84	217852	20.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	8.31	65	126396	21.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.52%
29) Benzene-d6	8.28	84	447242	23.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.36%
33) 1,2-Dichloropropane-d6	9.28	67	137467	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.68%
37) Toluene-d8	10.33	98	375072	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.40%
38) trans-1,3-Dichloropropene-	10.58	79	48240	19.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.80%
39) 2-Hexanone-d5	10.93	63	41961	43.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.72%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	103738	23.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	92036	22.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.04%

Target Compounds

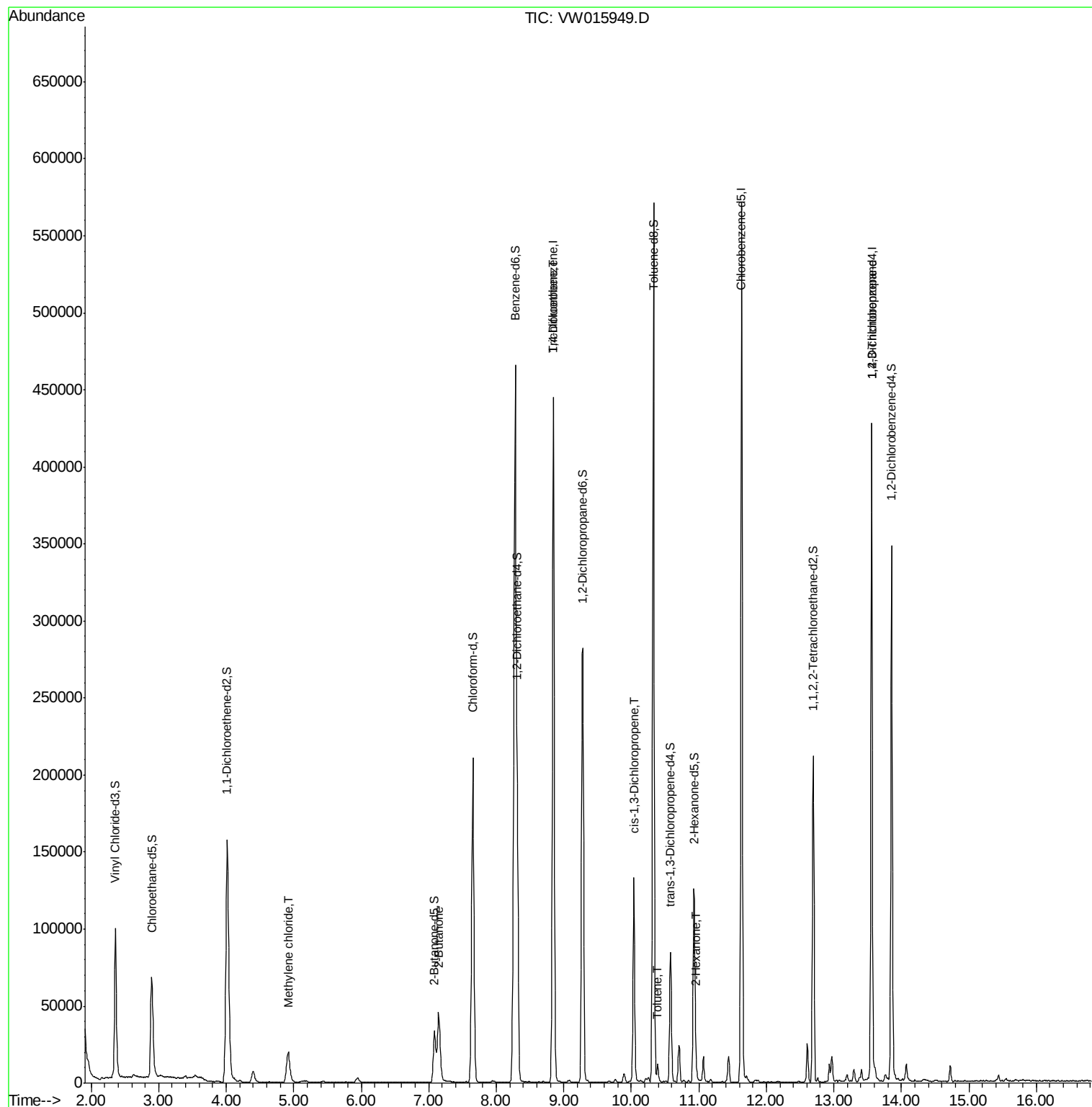
					Ovalue
16) Methylene chloride	4.92	84	16268	2.649 ug/L	100
21) 2-Butanone	7.15	43	9930	6.884 ug/L #	52
35) Trichloroethene	8.84	95	11272	2.228 ug/L #	6
42) cis-1,3-Dichloropropene	10.04	75	3163	0.438 ug/L #	60
44) Toluene	10.39	91	7709	0.384 ug/L	99
49) 2-Hexanone	10.96	43	6182	3.150 ug/L #	39
59) 1,2,3-Trichloropropane	13.56	75	13644	4.552 ug/L	90

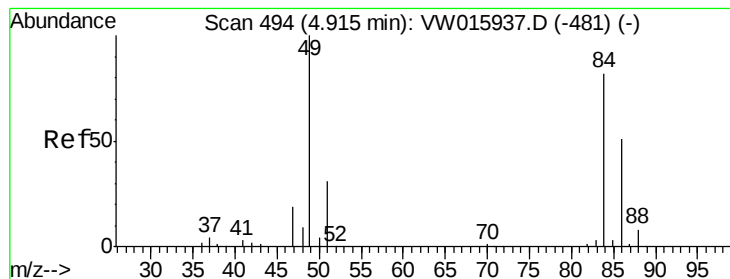
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 25 05:14:30 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.649 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015949.D

Acq: 24 Jul 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

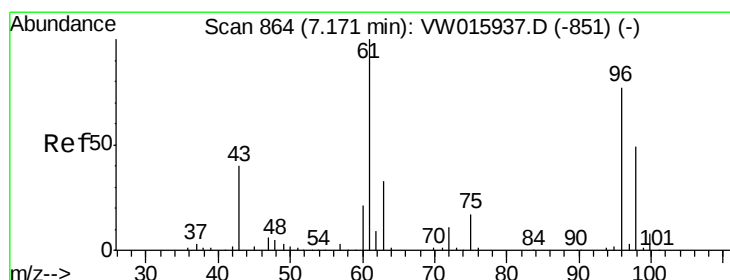
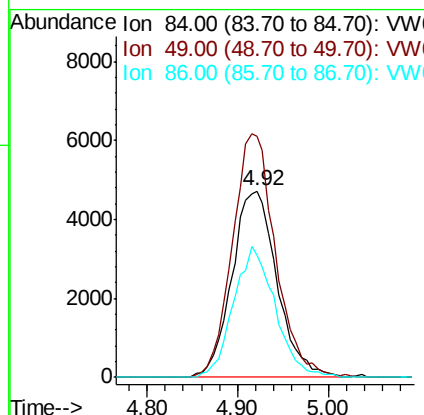
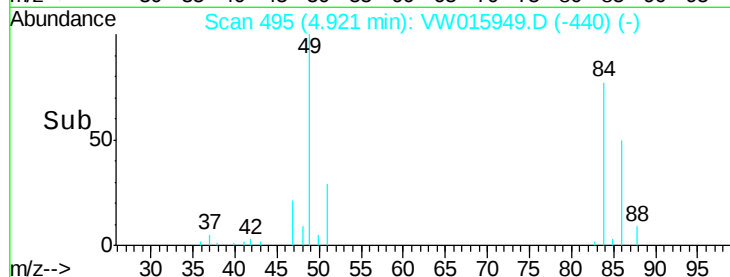
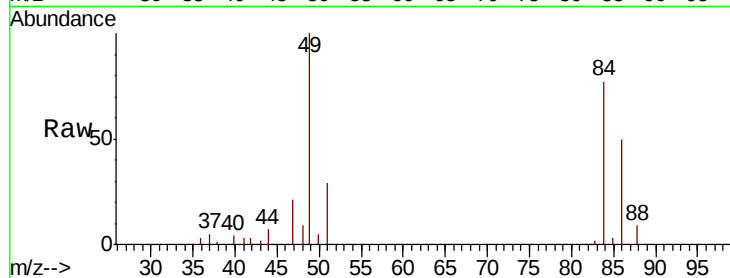
Tot Ion: 84 Resp: 16268

Ion Ratio Lower Upper

84 100

49 129.5 91.1 169.1

86 65.4 46.0 85.4



#21

2-Butanone

Concen: 6.884 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW015949.D

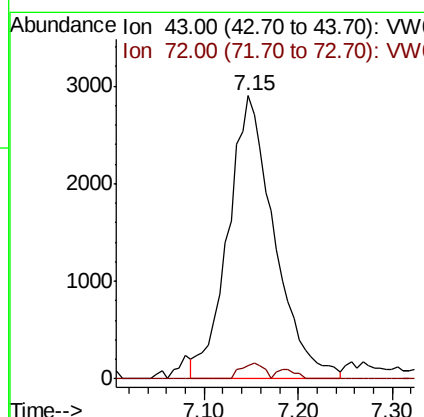
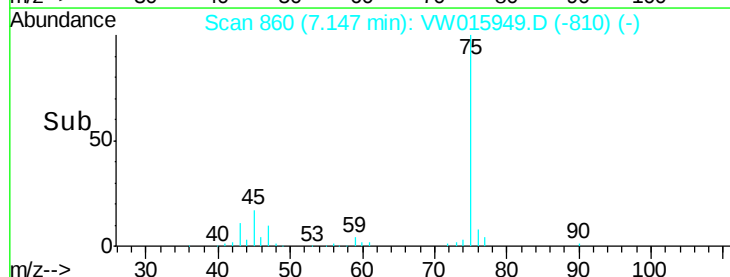
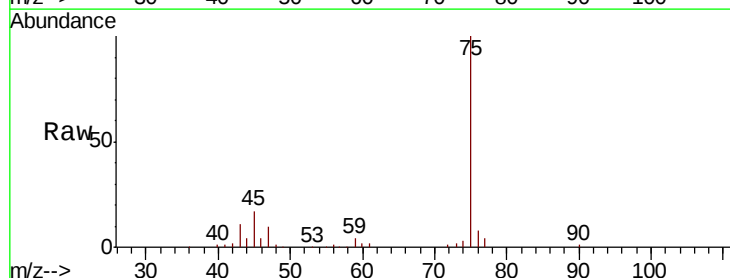
Acq: 24 Jul 2020 14:49

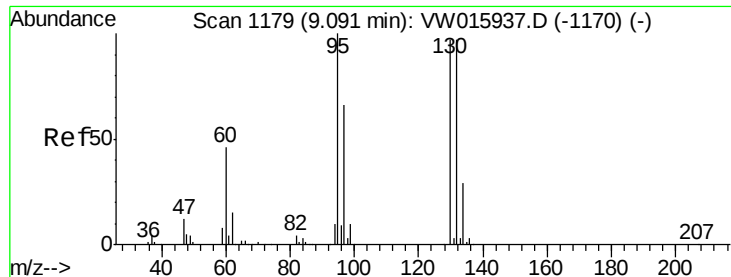
Tgt Ion: 43 Resp: 9930

Ion Ratio Lower Upper

43 100

72 2.6 13.9 41.7#





#35

Trichloroethene

Concen: 2.228 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015949.D

Acq: 24 Jul 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 11272

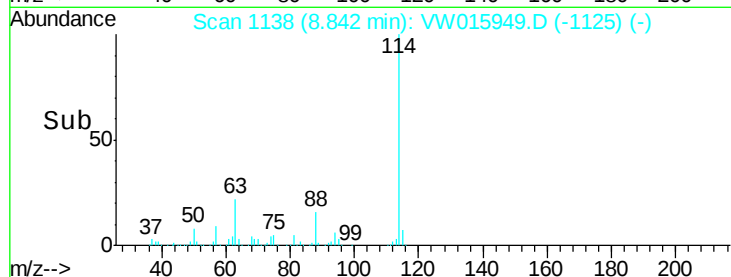
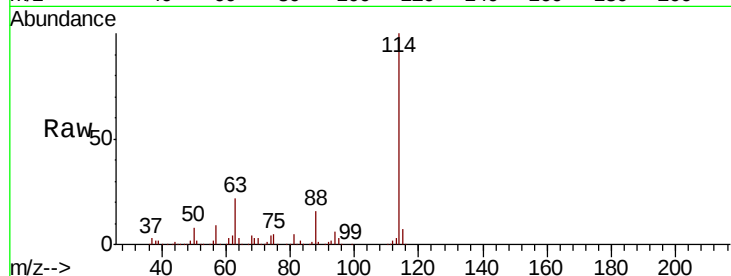
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#

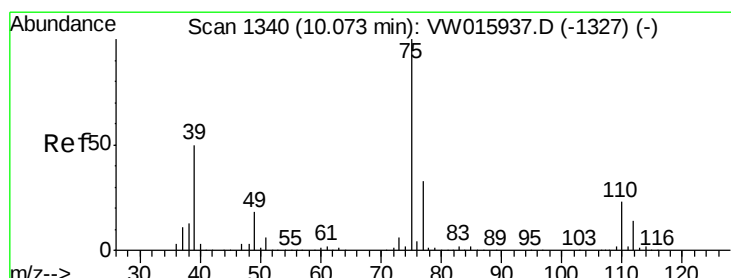
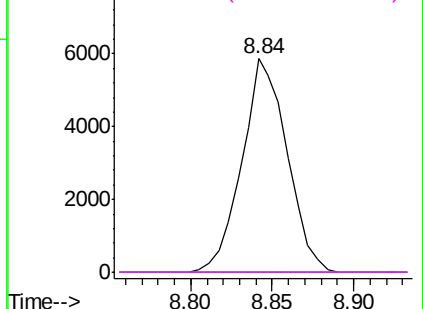


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.438 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015949.D

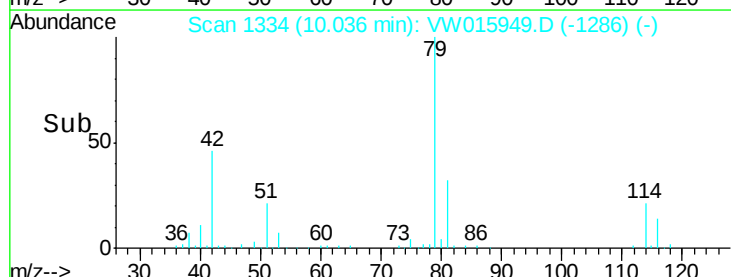
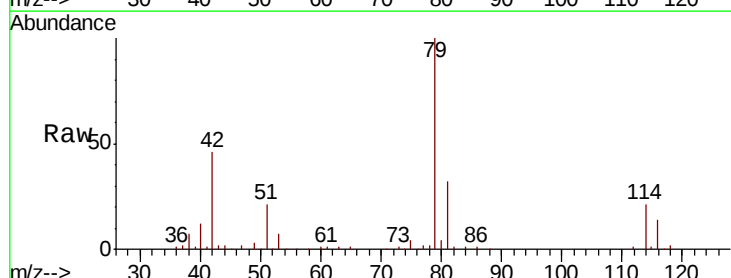
Acq: 24 Jul 2020 14:49

Tgt Ion: 75 Resp: 3163

Ion Ratio Lower Upper

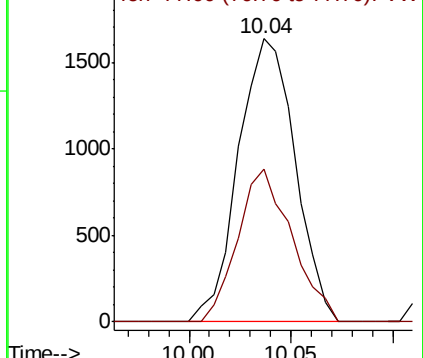
75 100

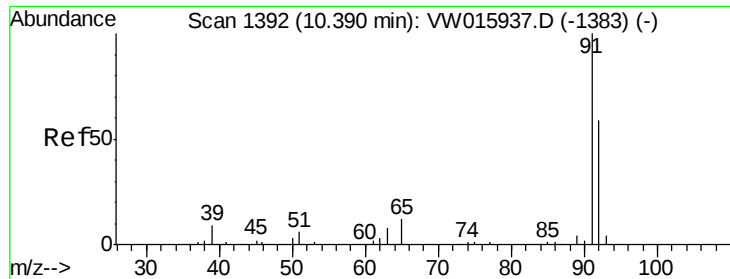
77 54.1 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 0.384 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015949.D

Acq: 24 Jul 2020 14:49

Instrument :

MSVOA_W

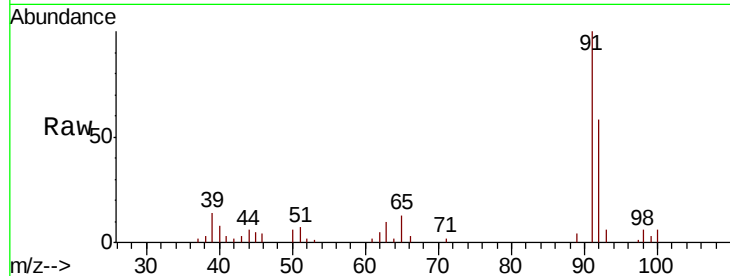
ClientSampleId :

Tot Ion: 91 Resp: 7709

Ion Ratio Lower Upper

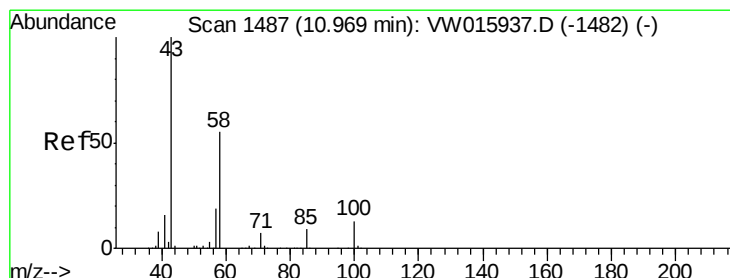
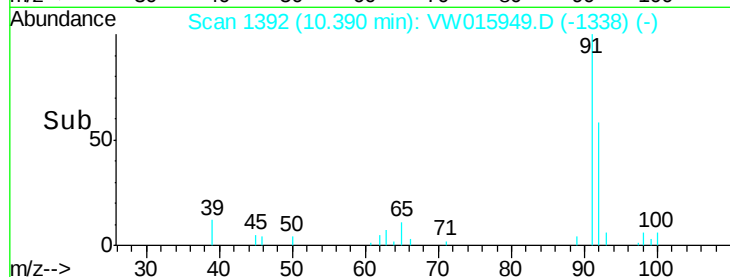
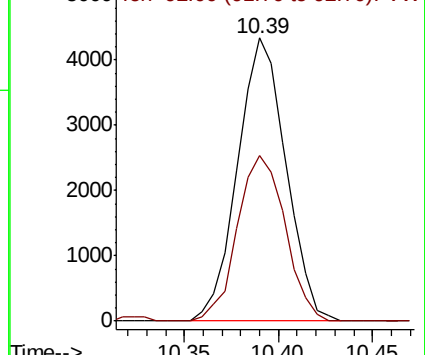
91 100

92 58.3 41.2 76.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#49

2-Hexanone

Concen: 3.150 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW015949.D

Acq: 24 Jul 2020 14:49

Tgt Ion: 43 Resp: 6182

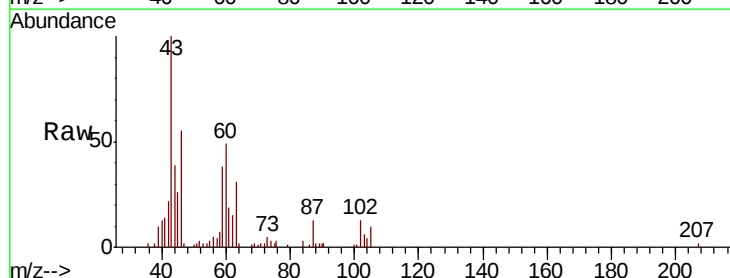
Ion Ratio Lower Upper

43 100

58 0.0 42.4 63.6#

57 0.4 15.6 23.4#

100 0.0 9.8 14.6#

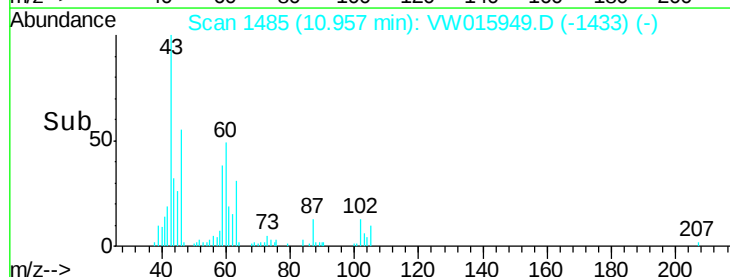
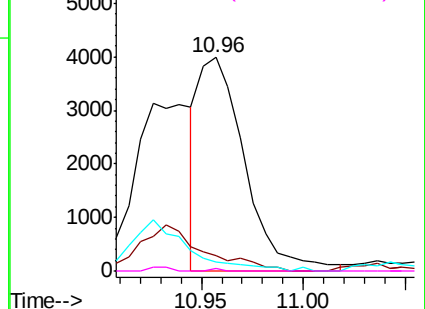


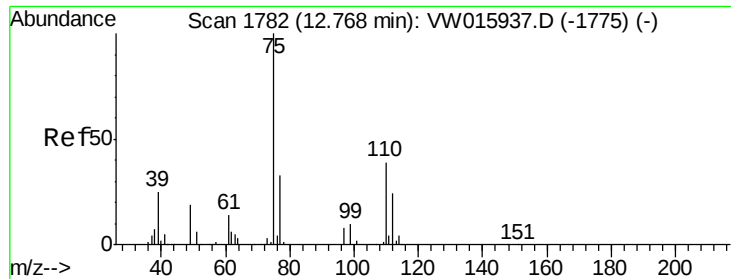
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#59

1,2,3-Trichloropropane

Concen: 4.552 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015949.D

Acq: 24 Jul 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 13644

Ion Ratio Lower Upper

75 100

77 38.1 26.0 39.0

