

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016734.D
 Acq On : 01 Oct 2020 13:26
 Operator : SY/VA
 Sample : L4201-14
 Misc : 3.54G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 21:35:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 21:33:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	524661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	380324	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	103576	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	98664	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.72%
7) Chloroethane-d5	2.90	69	106142	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.40%
10) 1,1-Dichloroethene-d2	4.03	63	173868	15.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.24%
20) 2-Butanone-d5	7.09	46	32494	23.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.94%
24) Chloroform-d	7.66	84	269428	24.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	8.31	65	140560	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.80%
29) Benzene-d6	8.28	84	525580	30.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.24%
33) 1,2-Dichloropropane-d6	9.28	67	148210	32.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.24%#
37) Toluene-d8	10.33	98	442054	26.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.36%
38) trans-1,3-Dichloropropene-	10.59	79	36608	15.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.84%
39) 2-Hexanone-d5	10.93	63	26963	32.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100252	25.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	83335	25.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.72%

Target Compounds

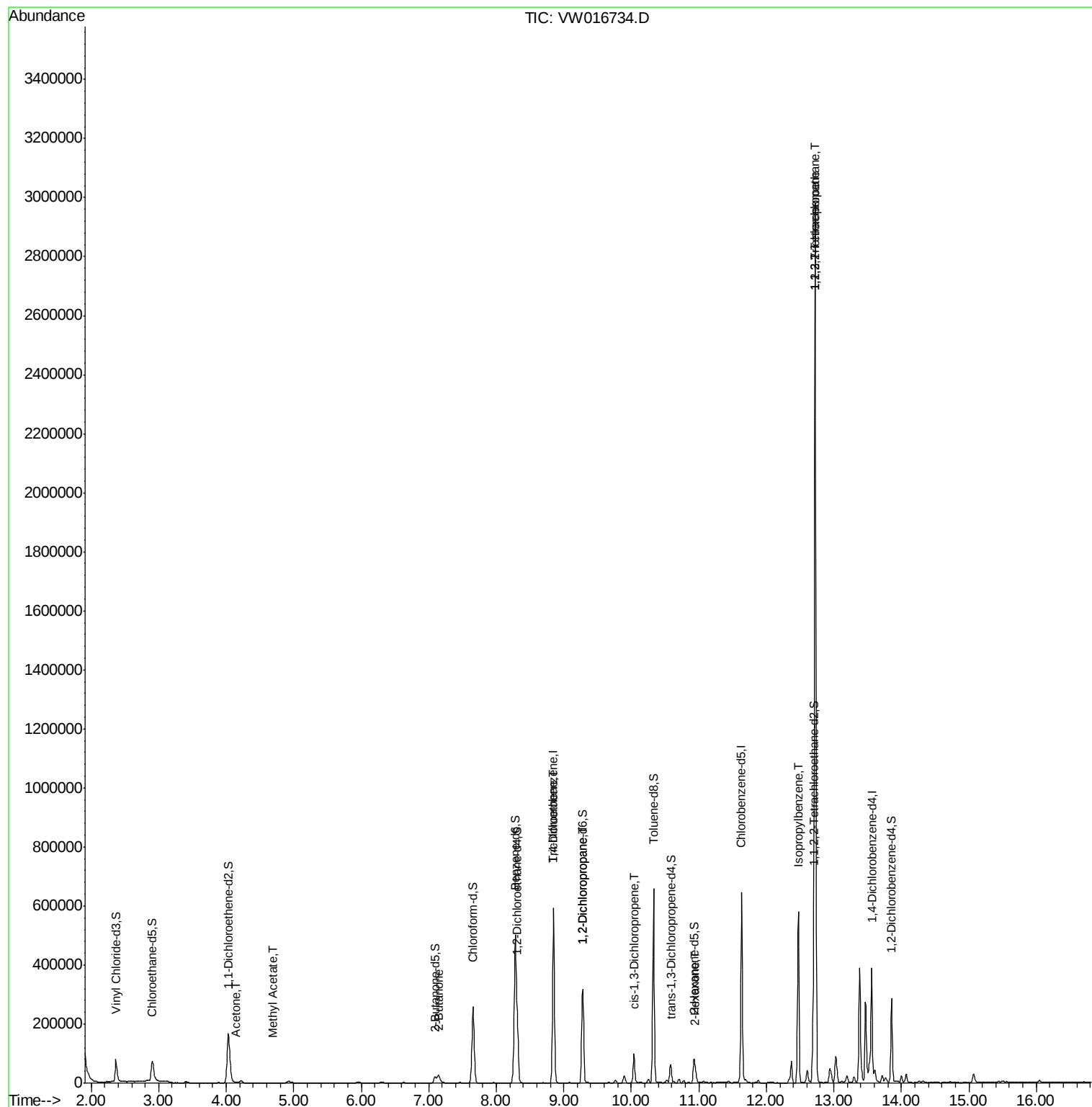
					Ovalue
13) Acetone	4.15	43	4968	4.581 ug/L	99
15) Methyl Acetate	4.69	43	1108	0.449 ug/L #	63
21) 2-Butanone	7.15	43	6968	3.776 ug/L #	47
35) Trichloroethene	8.85	95	15622	2.649 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	16971	3.580 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	2681	0.331 ug/L #	76
49) 2-Hexanone	10.96	43	17288	9.043 ug/L #	42
57) Isopropylbenzene	12.47	105	25285	0.948 ug/L #	1
58) 1,1,2,2-Tetrachloroethane	12.72	83	2491	0.558 ug/L #	47
59) 1,2,3-Trichloropropane	12.72	75	3164	0.951 ug/L #	1

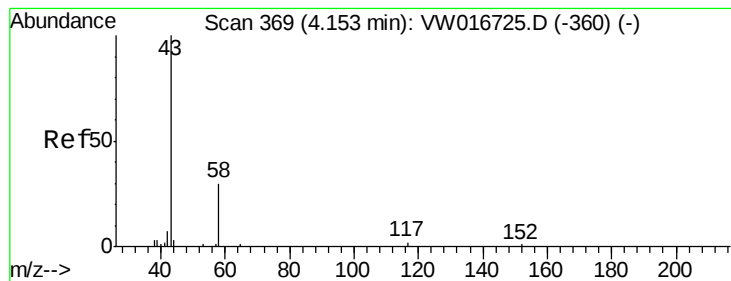
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 01 Oct 2020 13:26
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Sample : L4201-14
Misc : 3.54G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 01 21:35:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 01 21:33:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.581 ug/L

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW016734.D

Acq: 01 Oct 2020 13:26

Instrument :

MSVOA_W

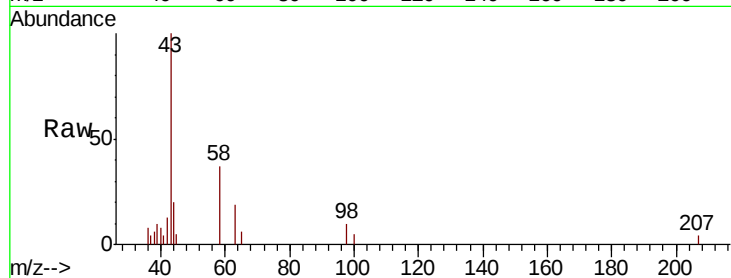
ClientSampleId :

Tot Ion: 43 Resp: 4968

Ion Ratio Lower Upper

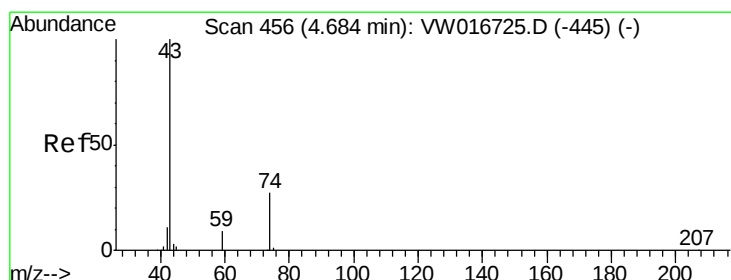
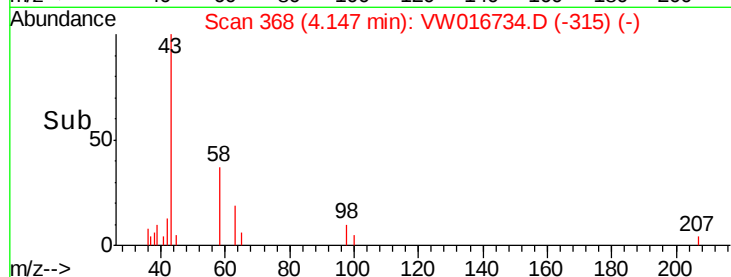
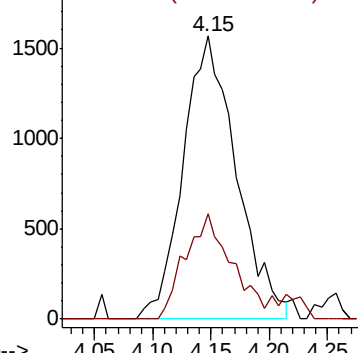
43 100

58 29.5 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 0.449 ug/L

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW016734.D

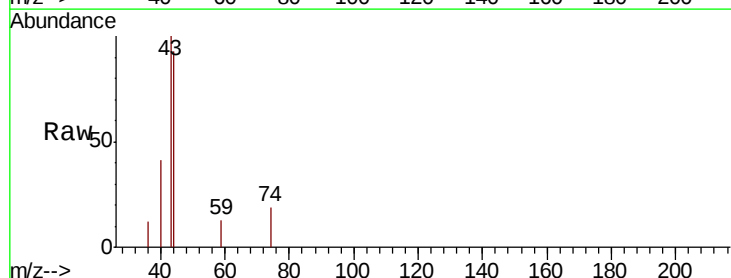
Acq: 01 Oct 2020 13:26

Tgt Ion: 43 Resp: 1108

Ion Ratio Lower Upper

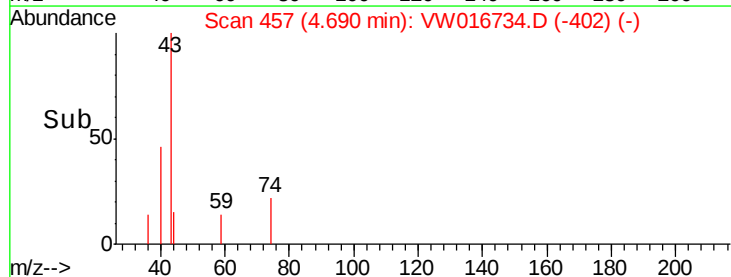
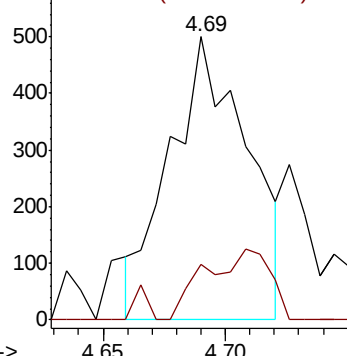
43 100

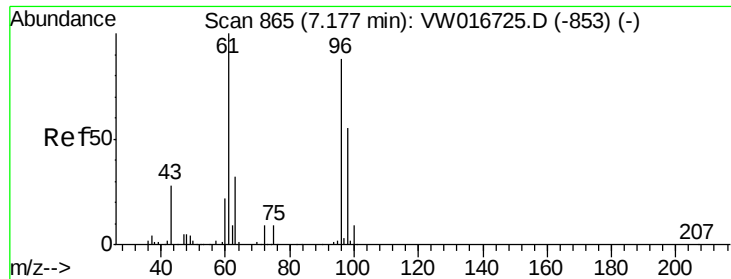
74 7.7 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#21

2-Butanone

Concen: 3.776 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW016734.D

Acq: 01 Oct 2020 13:26

Instrument :

MSVOA_W

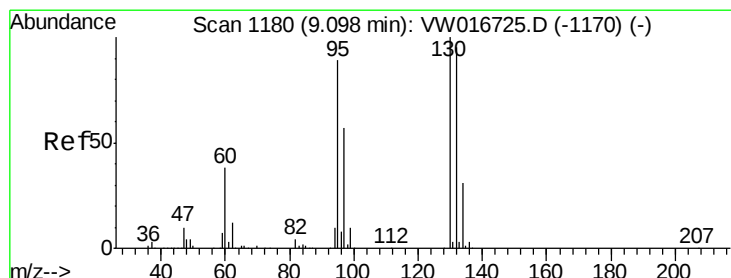
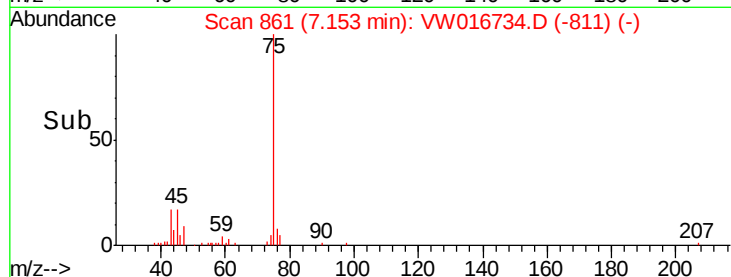
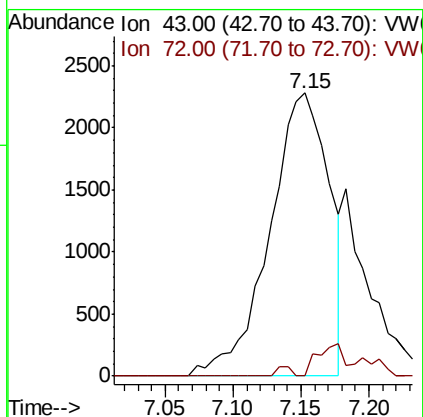
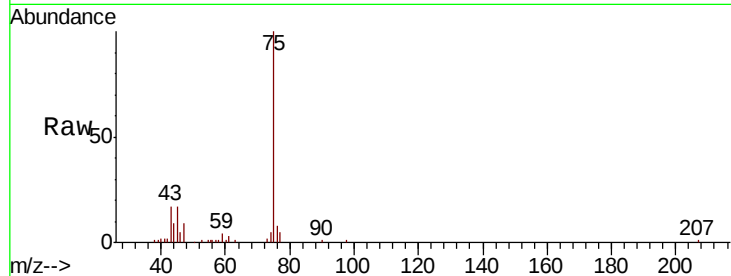
ClientSampled :

Tot Ion: 43 Resp: 6968

Ion Ratio Lower Upper

43 100

72 0.8 14.6 43.8#



#35

Trichloroethene

Concen: 2.649 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW016734.D

Acq: 01 Oct 2020 13:26

Tgt Ion: 95 Resp: 15622

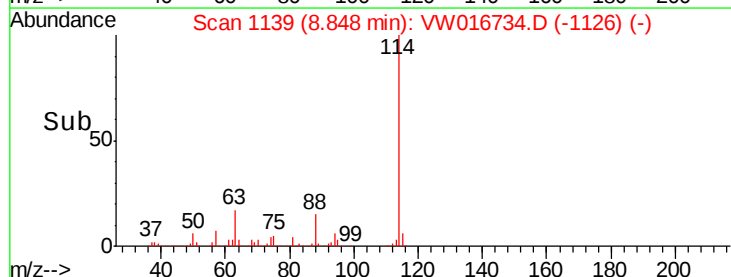
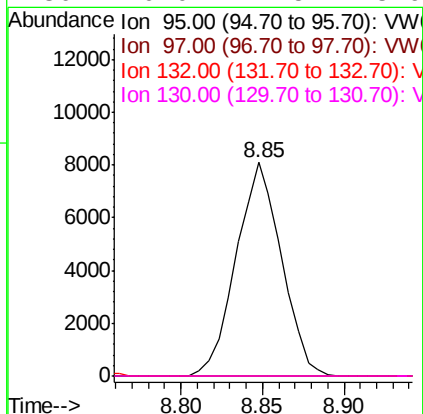
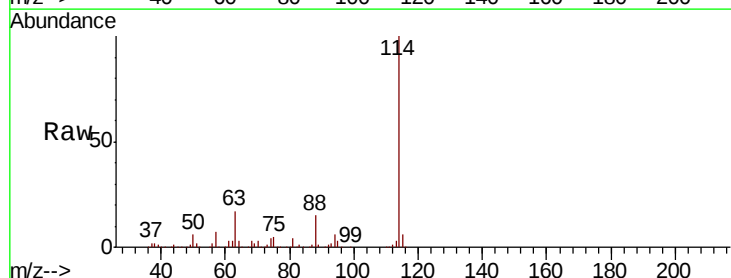
Ion Ratio Lower Upper

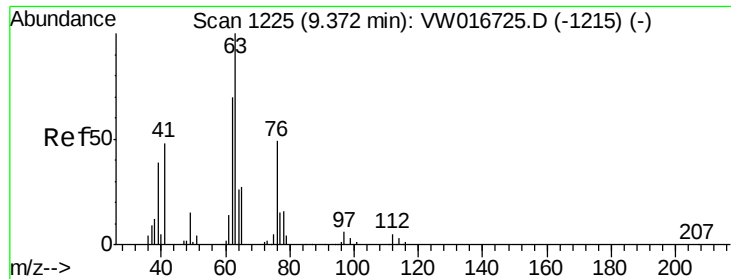
95 100

97 0.0 45.2 84.0#

132 0.3 73.3 136.1#

130 0.0 77.5 143.9#





#40

1,2-Dichloropropane

Concen: 3.580 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016734.D

Acq: 01 Oct 2020 13:26

Instrument :

MSVOA_W

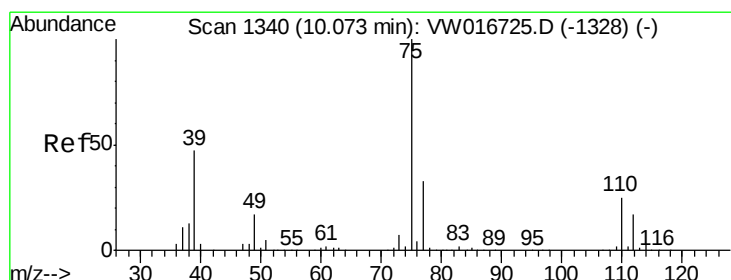
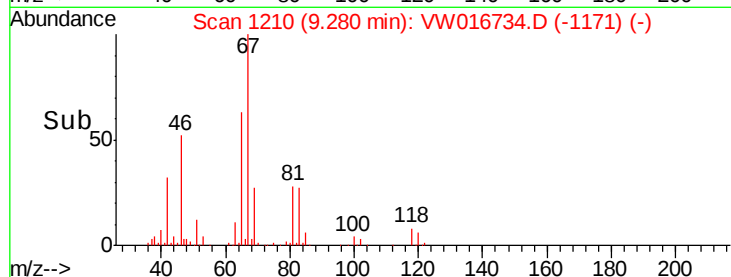
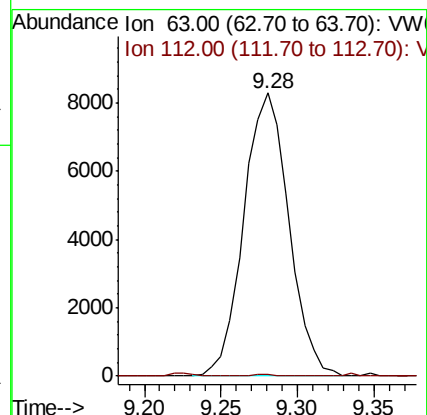
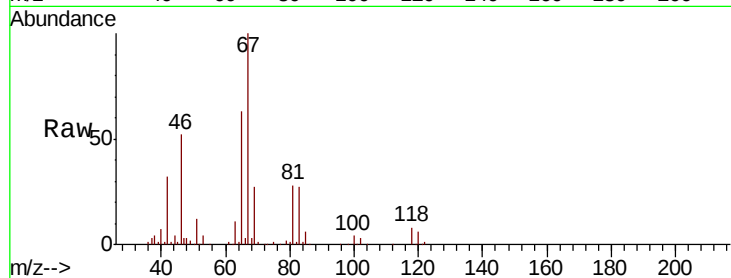
ClientSampleId :

Tot Ion: 63 Resp: 16971

Ion Ratio Lower Upper

63 100

112 0.3 4.5 6.7#



#42

cis-1,3-Dichloropropene

Concen: 0.331 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016734.D

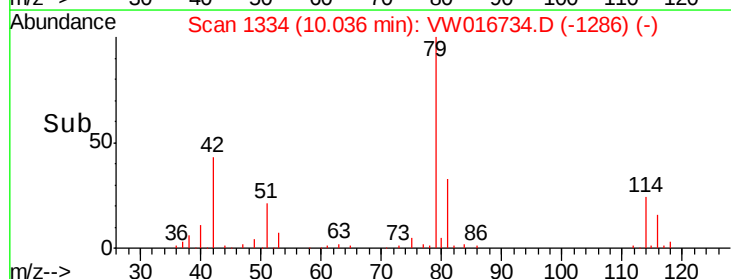
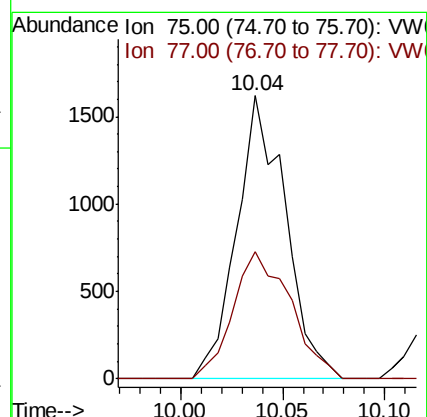
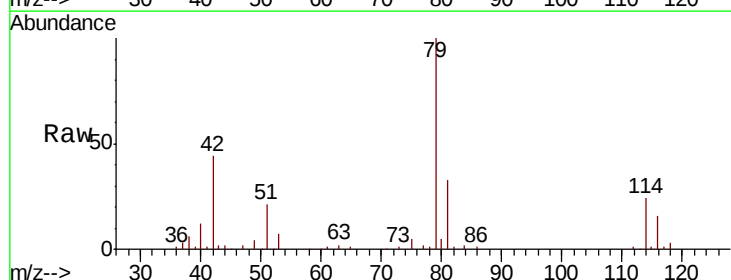
Acq: 01 Oct 2020 13:26

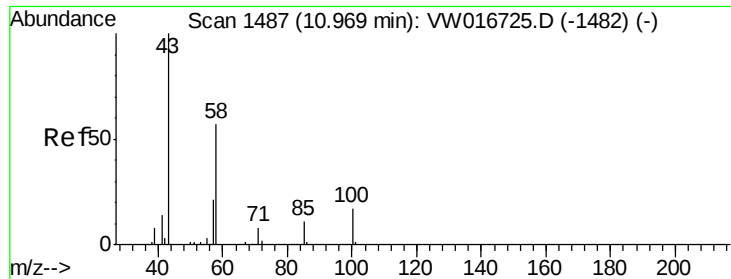
Tgt Ion: 75 Resp: 2681

Ion Ratio Lower Upper

75 100

77 45.0 22.2 41.2#





#49

2-Hexanone

Concen: 9.043 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW016734.D

Acq: 01 Oct 2020 13:26

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 17288

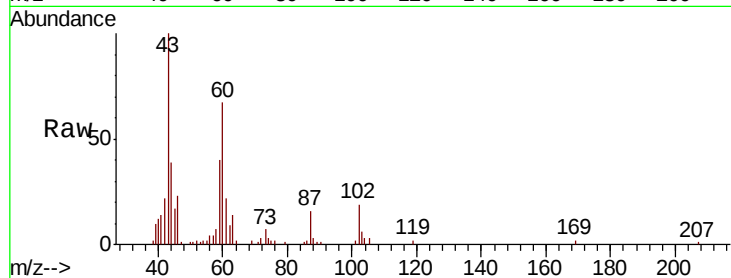
Ion Ratio Lower Upper

43 100

58 4.8 44.2 66.2#

57 0.0 16.3 24.5#

100 0.3 12.4 18.6#

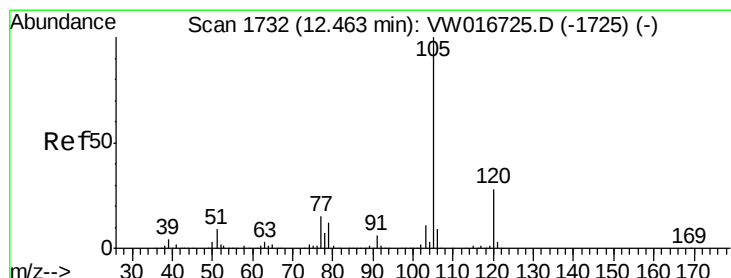
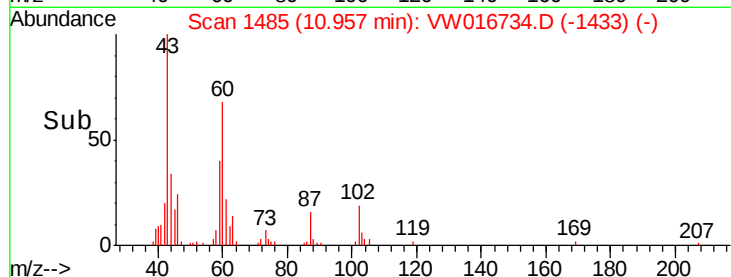
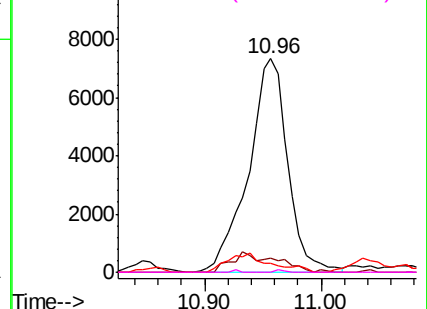


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#57

Isopropylbenzene

Concen: 0.948 ug/L

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW016734.D

Acq: 01 Oct 2020 13:26

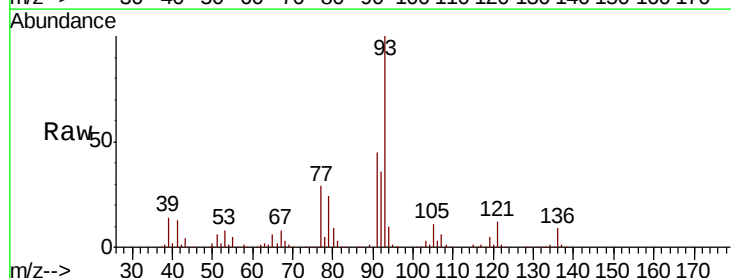
Tgt Ion: 105 Resp: 25285

Ion Ratio Lower Upper

105 100

120 6.4 21.8 32.8#

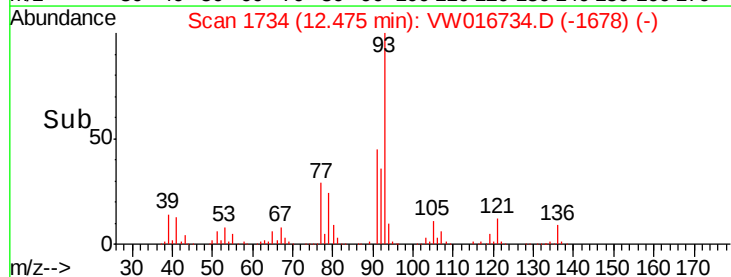
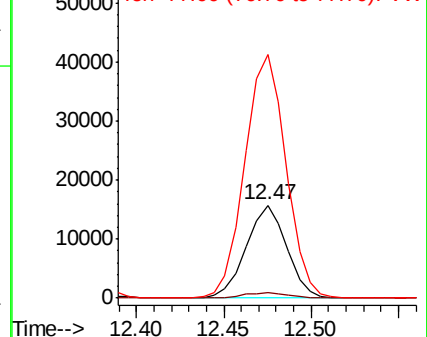
77 265.4 12.2 18.2#

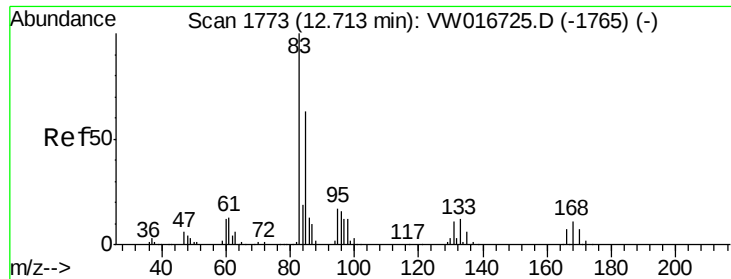


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VW





#58

1,1,2,2-Tetrachloroethane

Concen: 0.558 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW016734.D

Acq: 01 Oct 2020 13:26

Instrument :

MSVOA_W

ClientSampled :

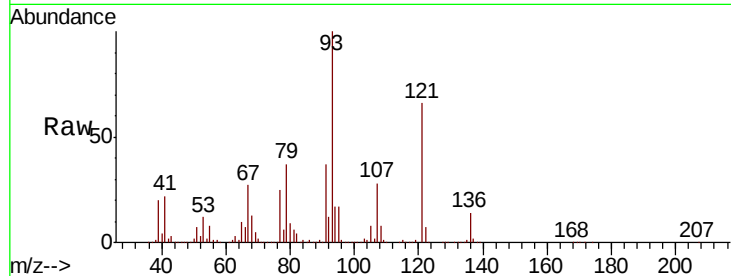
Tot Ion: 83 Resp: 2491

Ion Ratio Lower Upper

83 100

85 16.1 46.0 85.4#

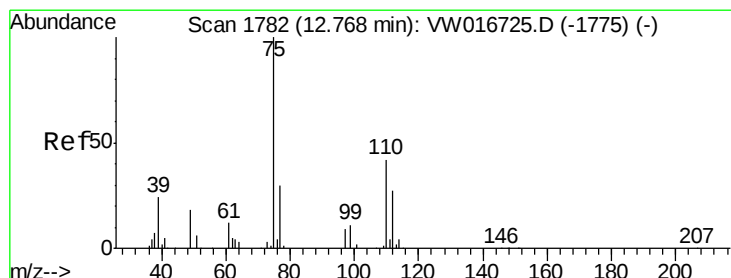
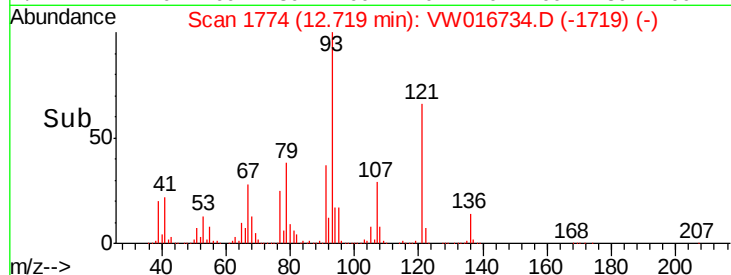
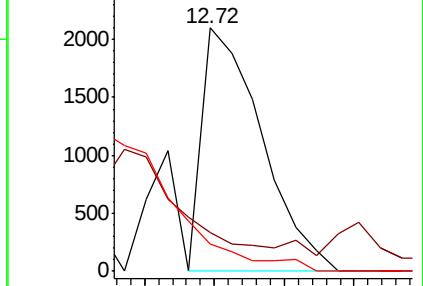
131 11.1 9.0 13.6



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): VW



#59

1,2,3-Trichloropropane

Concen: 0.951 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. -0.05 min

Lab File: VW016734.D

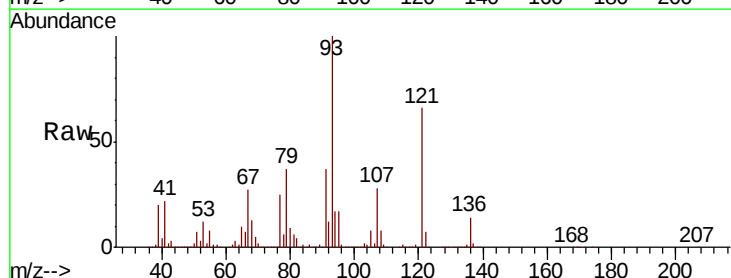
Acq: 01 Oct 2020 13:26

Tgt Ion: 75 Resp: 3164

Ion Ratio Lower Upper

75 100

77 6906.9 26.2 39.4#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

