

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016733.D
 Acq On : 01 Oct 2020 13:03
 Operator : SY/VA
 Sample : L4201-13
 Misc : 4.34G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 21:34:52 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	546804	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	446869	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	168069	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	104613	19.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.08%
7) Chloroethane-d5	2.91	69	106141	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.24%
10) 1,1-Dichloroethene-d2	4.03	63	180569	15.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.04%
20) 2-Butanone-d5	7.09	46	63027	43.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.36%
24) Chloroform-d	7.66	84	299142	26.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	8.32	65	155654	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.04%
29) Benzene-d6	8.28	84	566488	28.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.08%
33) 1,2-Dichloropropane-d6	9.28	67	165103	30.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.60%#
37) Toluene-d8	10.33	98	496560	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.72%
38) trans-1,3-Dichloropropene-	10.59	79	60542	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.44%
39) 2-Hexanone-d5	10.93	63	50046	50.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122093	26.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	146632	27.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.24%

Target Compounds

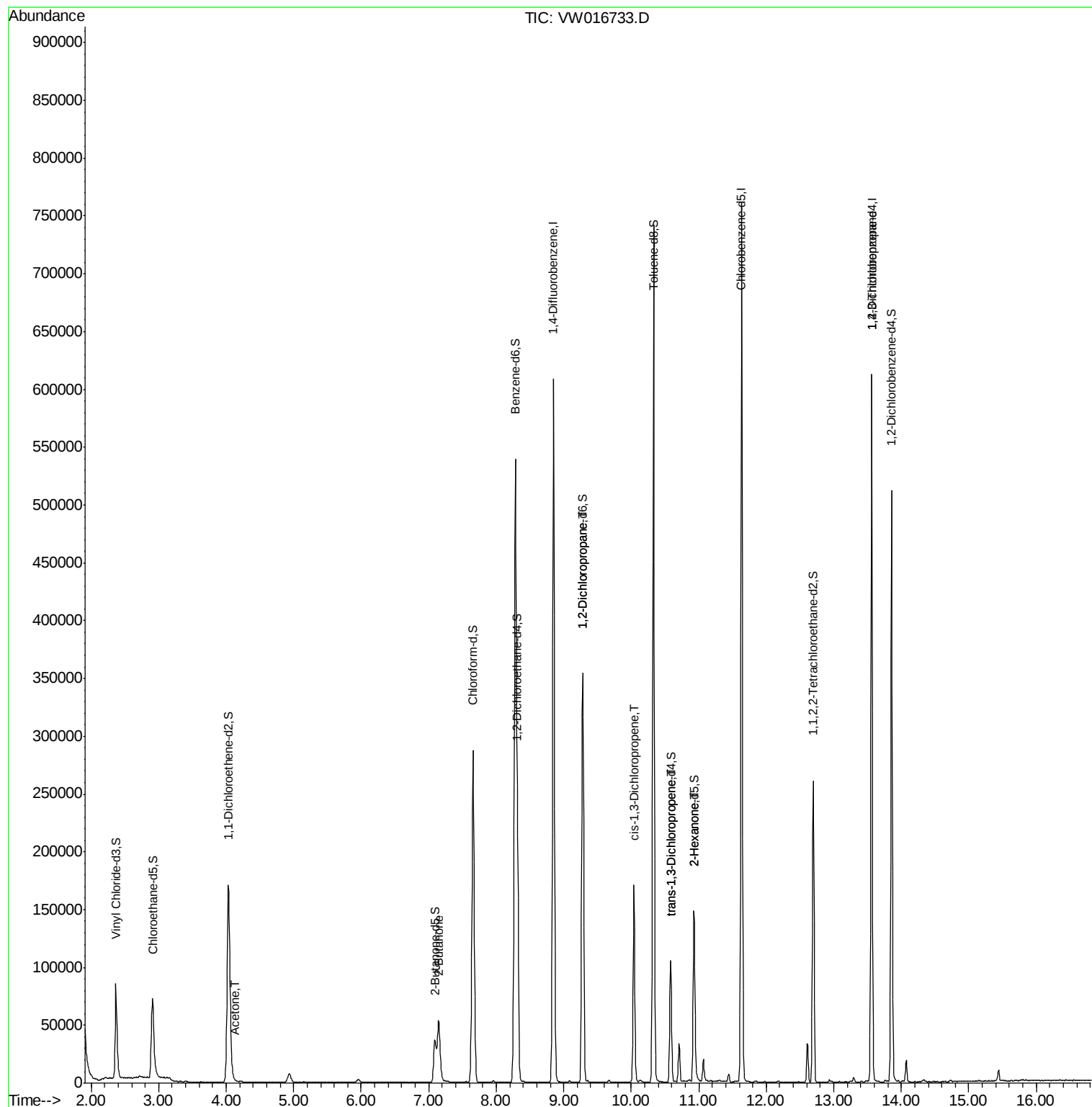
					Ovalue
13) Acetone	4.14	43	1200	1.062 ug/L	96
21) 2-Butanone	7.15	43	6524	3.393 ug/L #	55
40) 1,2-Dichloropropane	9.28	63	18385	3.300 ug/L #	83
42) cis-1,3-Dichloropropene	10.04	75	4518	0.475 ug/L #	71
45) trans-1,3-Dichloropropene	10.58	75	2799	0.338 ug/L #	64
49) 2-Hexanone	10.93	43	9068	4.037 ug/L #	63
59) 1,2,3-Trichloropropane	13.56	75	17571	4.495 ug/L	91

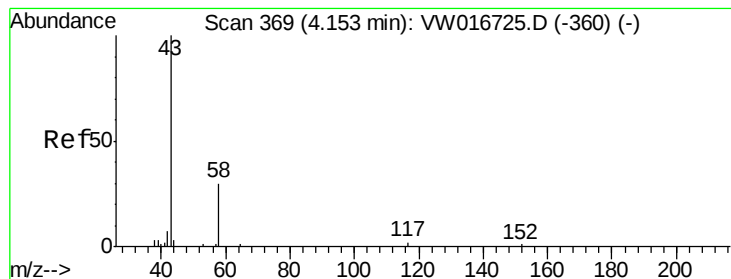
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 01 21:33:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.062 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016733.D

Acq: 01 Oct 2020 13:03

Instrument :

MSVOA_W

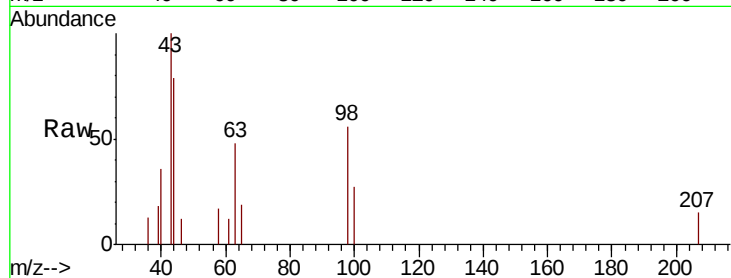
ClientSampled :

Tot Ion: 43 Resp: 1200

Ion Ratio Lower Upper

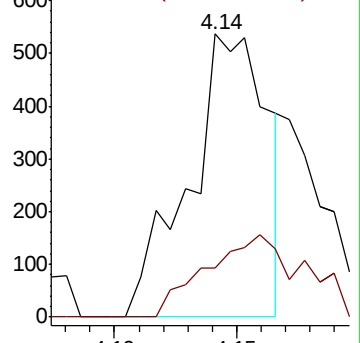
43 100

58 27.9 0.0 60.2

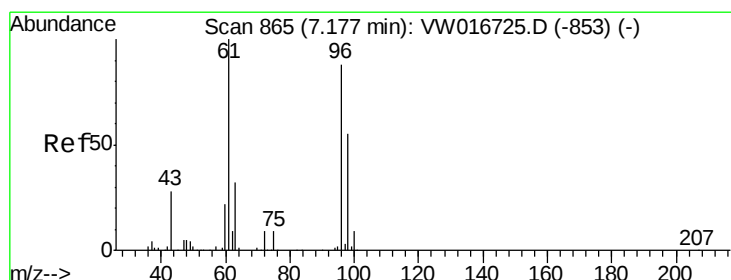
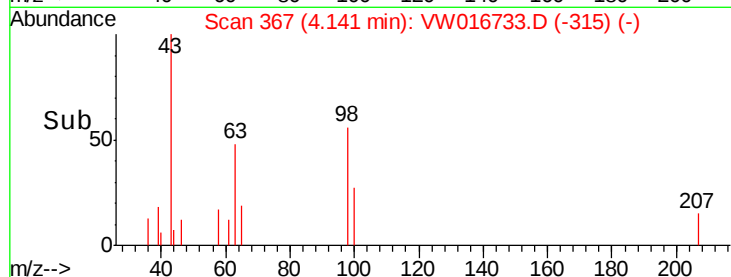


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#21

2-Butanone

Concen: 3.393 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW016733.D

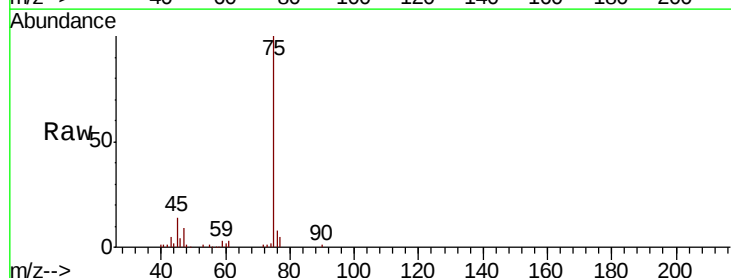
Acq: 01 Oct 2020 13:03

Tgt Ion: 43 Resp: 6524

Ion Ratio Lower Upper

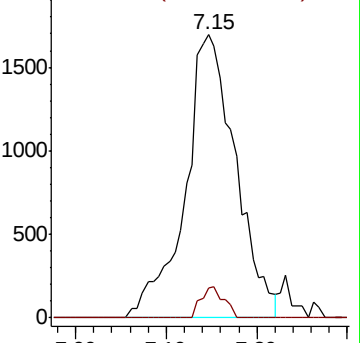
43 100

72 5.0 14.6 43.8#

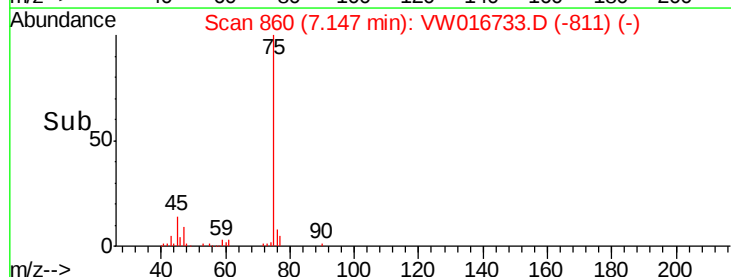


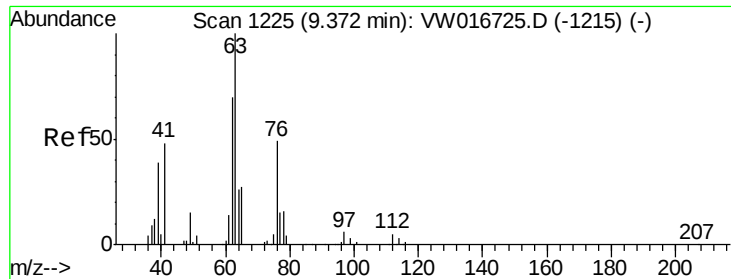
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->

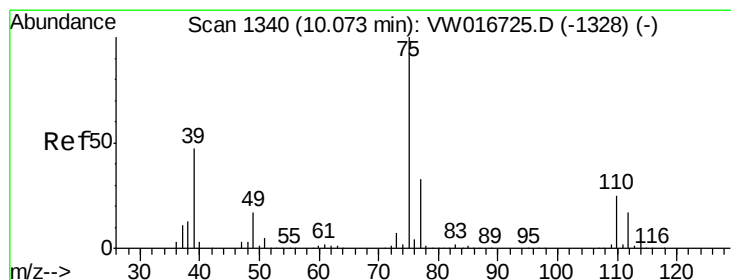
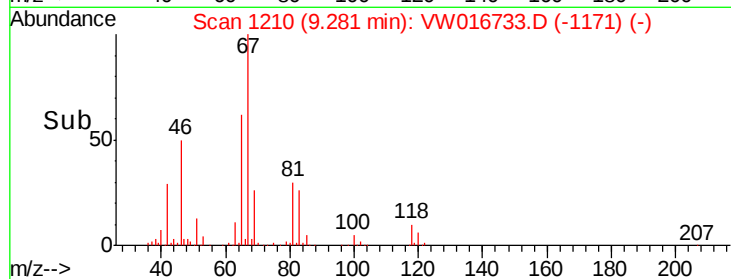
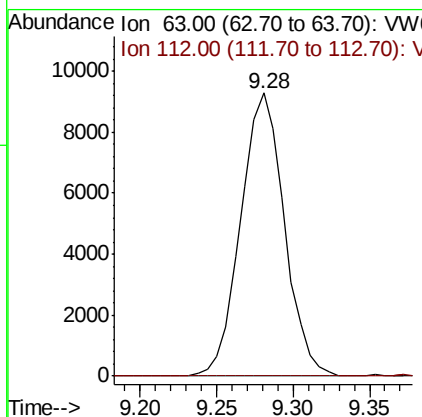
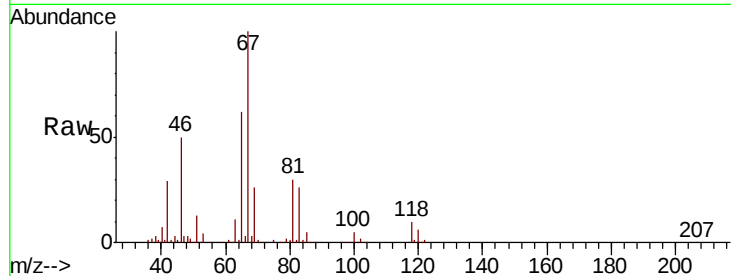




#40
 1,2-Dichloropropane
 Concen: 3.300 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW016733.D
 Acq: 01 Oct 2020 13:03

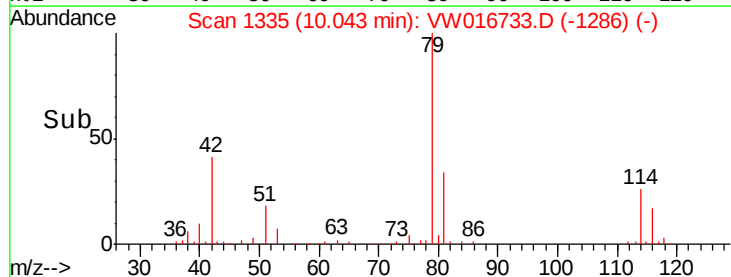
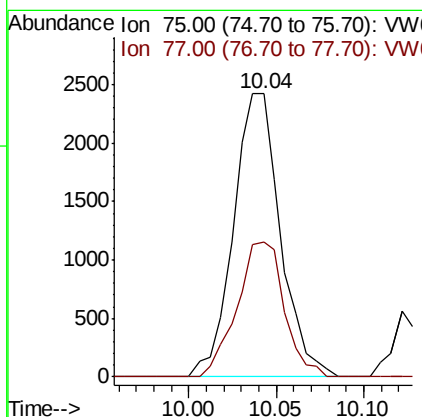
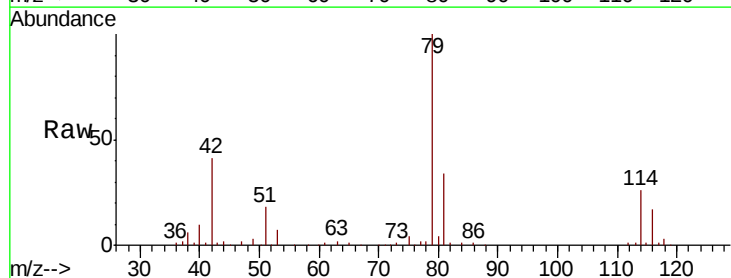
Instrument :
 MSVOA_W
 ClientSampleId :

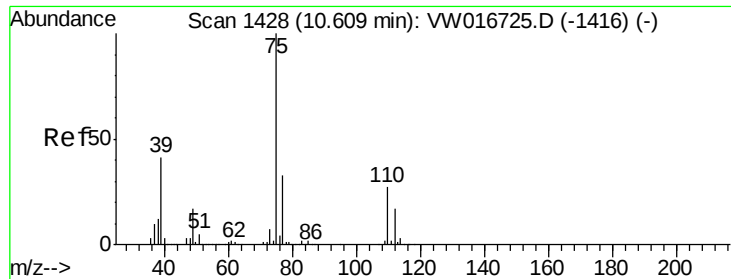
Tot Ion: 63 Resp: 18385
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.5 6.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.475 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW016733.D
 Acq: 01 Oct 2020 13:03

Tgt Ion: 75 Resp: 4518
 Ion Ratio Lower Upper
 75 100
 77 47.7 22.2 41.2#





#45

trans-1,3-Dichloropropene

Concen: 0.338 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016733.D

Acq: 01 Oct 2020 13:03

Instrument :

MSVOA_W

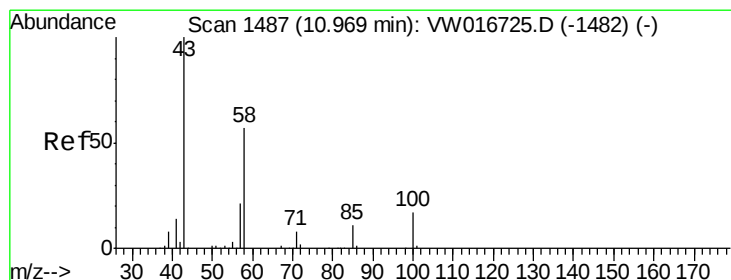
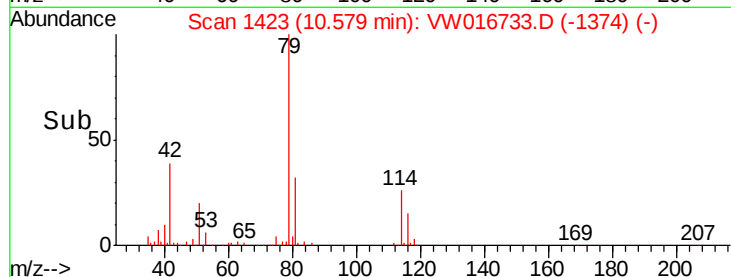
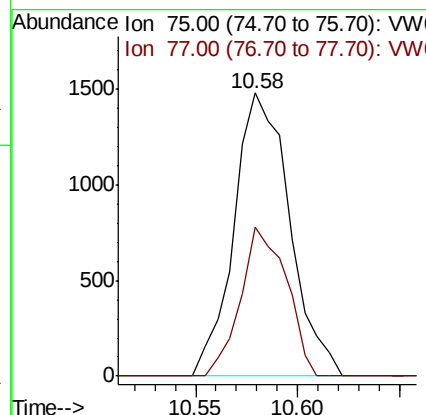
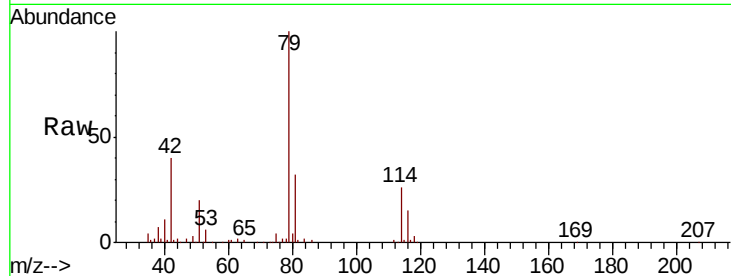
ClientSampleId :

Tot Ion: 75 Resp: 2799

Ion Ratio Lower Upper

75 100

77 52.5 22.5 41.9#



#49

2-Hexanone

Concen: 4.037 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW016733.D

Acq: 01 Oct 2020 13:03

Tgt Ion: 43 Resp: 9068

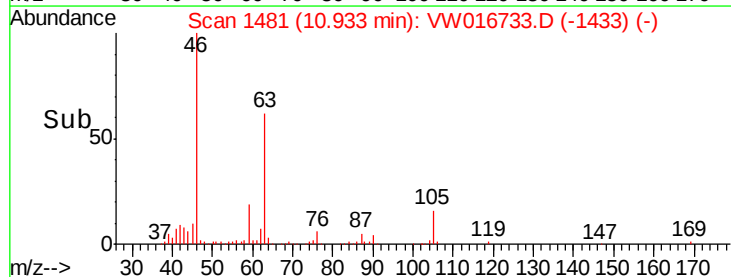
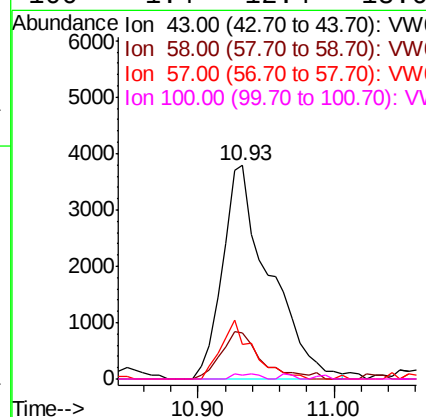
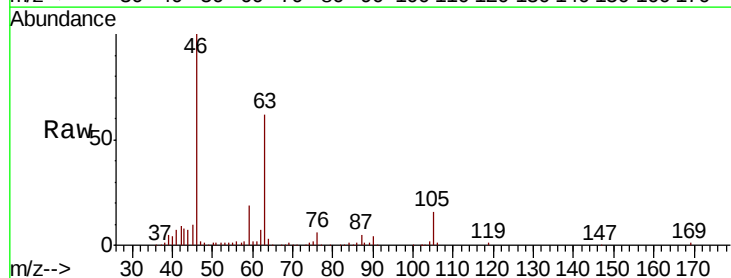
Ion Ratio Lower Upper

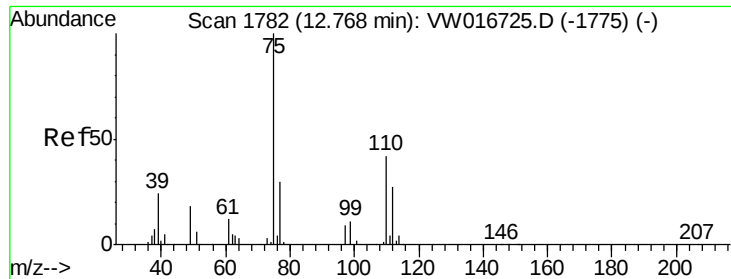
43 100

58 18.6 44.2 66.2#

57 19.1 16.3 24.5

100 1.4 12.4 18.6#





#59

1,2,3-Trichloropropane

Concen: 4.495 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016733.D

Acq: 01 Oct 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 17571

Ion Ratio Lower Upper

75 100

77 37.7 26.2 39.4

