

Data File : VW016855.D
Acq On : 08 Oct 2020 16:11
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Quant Time: Oct 09 08:10:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 08 11:39:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	506469	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	448445	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	210365	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	117626	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.16%
7) Chloroethane-d5	2.90	69	98367	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.88%
10) 1,1-Dichloroethene-d2	4.03	63	171176	16.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.52%
20) 2-Butanone-d5	7.09	46	46937	41.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.96%
24) Chloroform-d	7.65	84	242728	22.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.84%
26) 1,2-Dichloroethane-d4	8.31	65	119498	23.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.60%
29) Benzene-d6	8.28	84	490955	24.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.40%
33) 1,2-Dichloropropane-d6	9.28	67	134254	24.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.12%
37) Toluene-d8	10.33	98	460759	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.92%
38) trans-1,3-Dichloropropene-	10.58	79	50618	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.88%
39) 2-Hexanone-d5	10.93	63	38018	44.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100127	22.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	166641	24.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.88%

Target Compounds

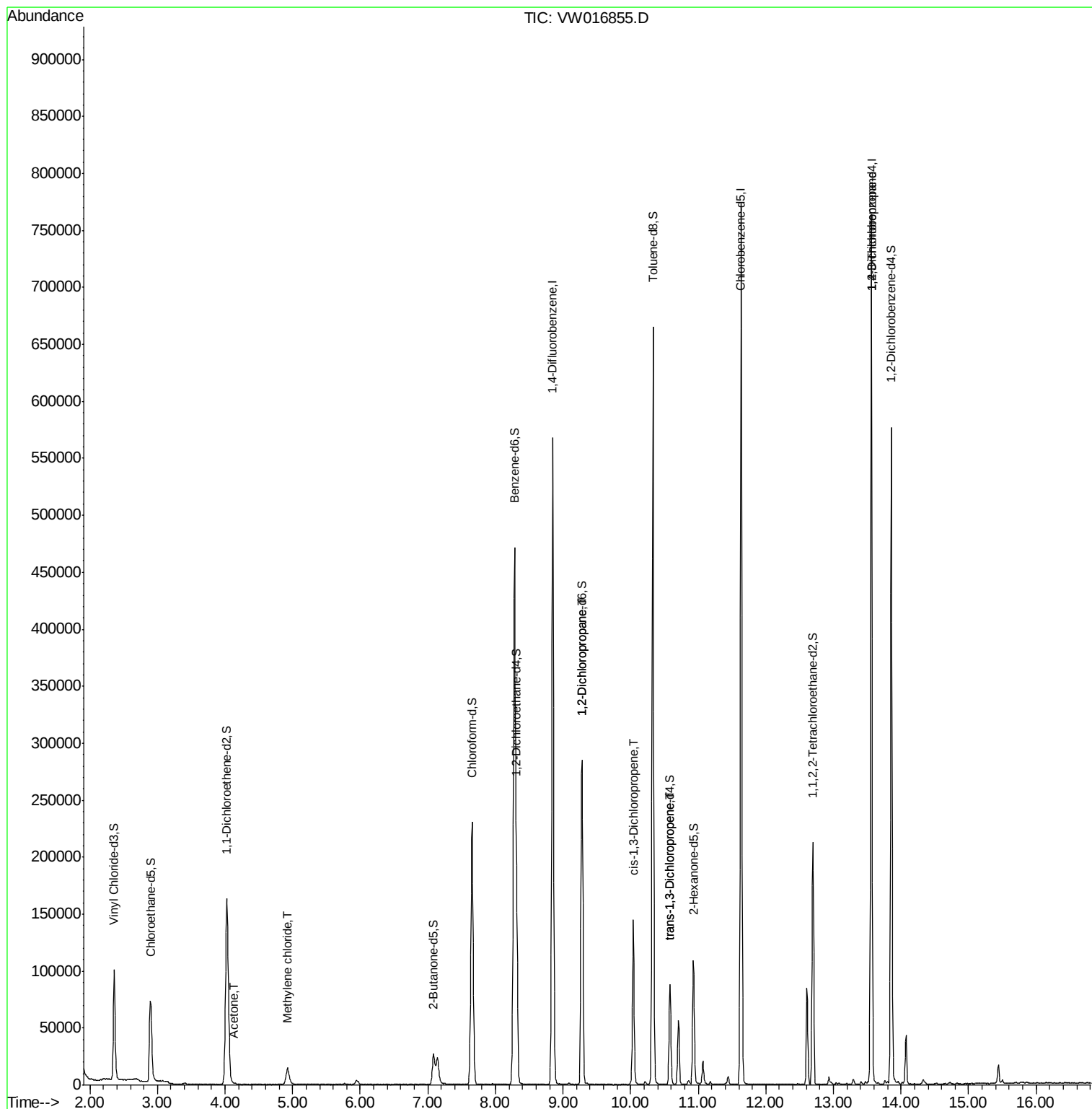
					Qvalue
13) Acetone	4.13	43	716	0.836 ug/L	96
16) Methylene chloride	4.92	84	12987	1.858 ug/L	90
40) 1,2-Dichloropropane	9.28	63	15471	2.841 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3710	0.427 ug/L #	67
45) trans-1,3-Dichloropropene	10.58	75	2391	0.327 ug/L #	79
59) 1,2,3-Trichloropropane	13.56	75	21765	6.141 ug/L	90

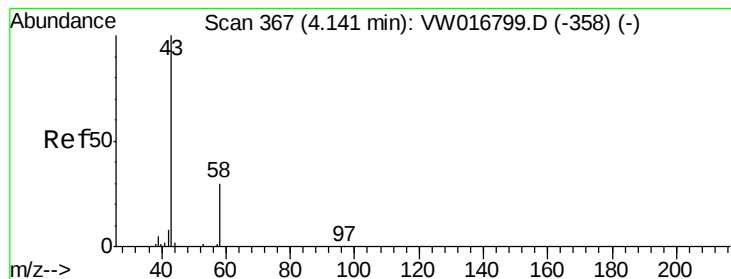
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.836 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW016855.D

Acq: 08 Oct 2020 16:11

Instrument :

MSVOA_W

ClientSampled :

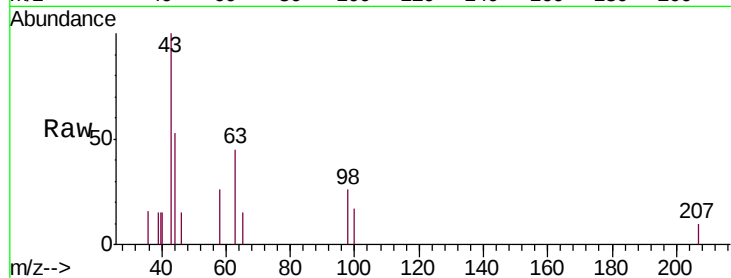
VIBLK

Tgt Ion: 43 Resp: 716

Ion Ratio Lower Upper

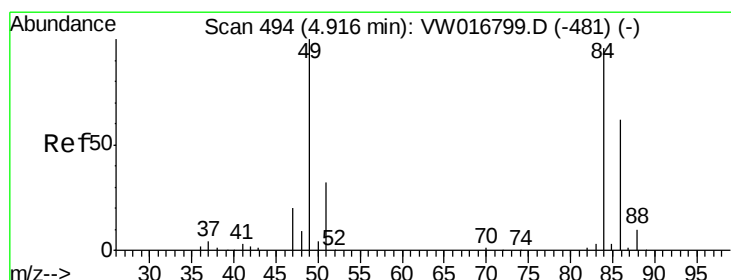
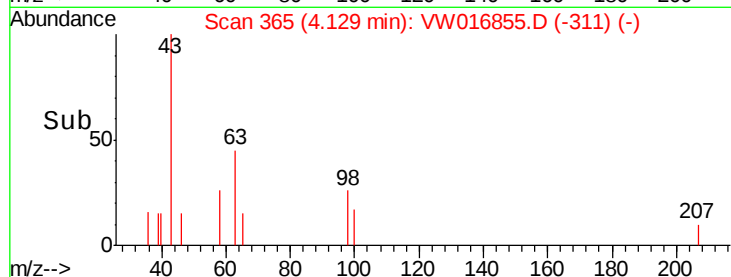
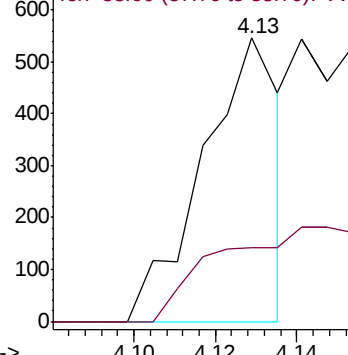
43 100

58 31.3 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.858 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016855.D

Acq: 08 Oct 2020 16:11

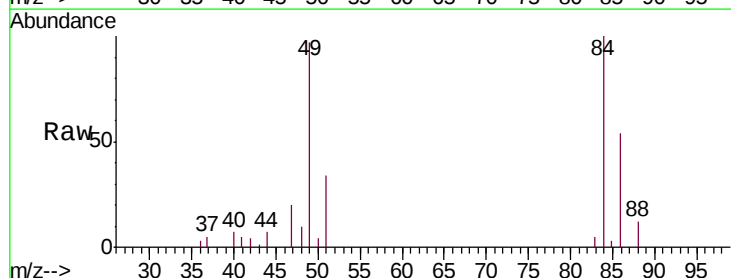
Tgt Ion: 84 Resp: 12987

Ion Ratio Lower Upper

84 100

49 96.8 73.1 135.8

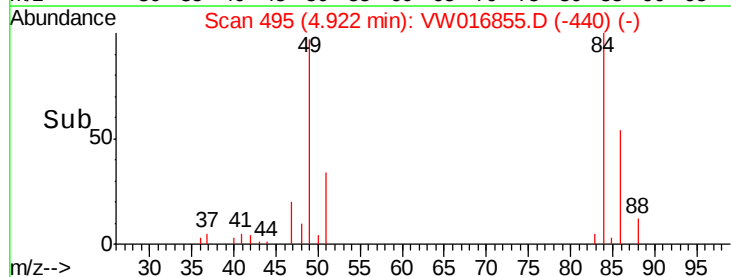
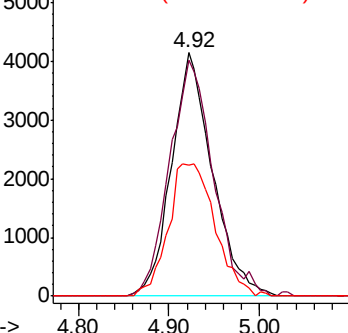
86 53.6 46.0 85.4

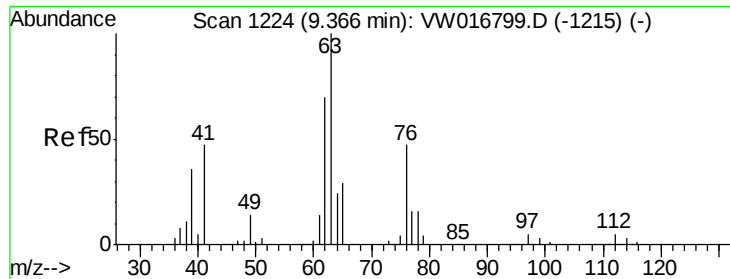


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

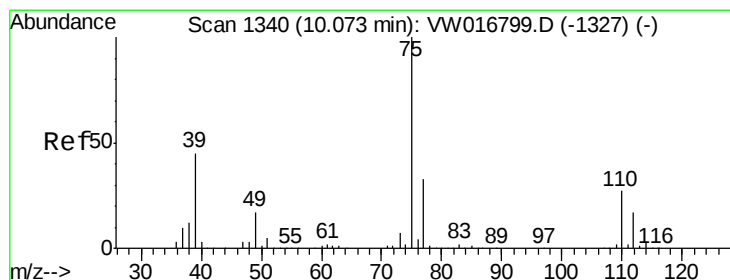
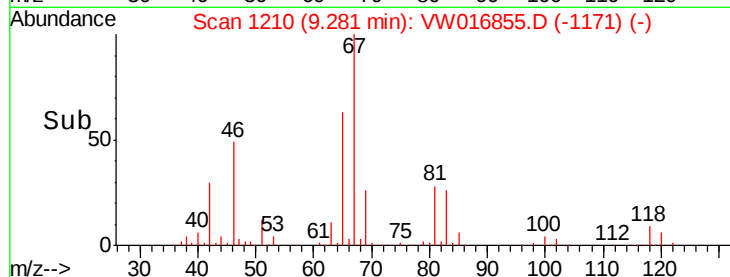
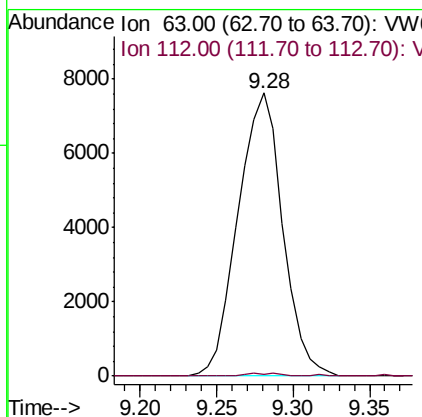
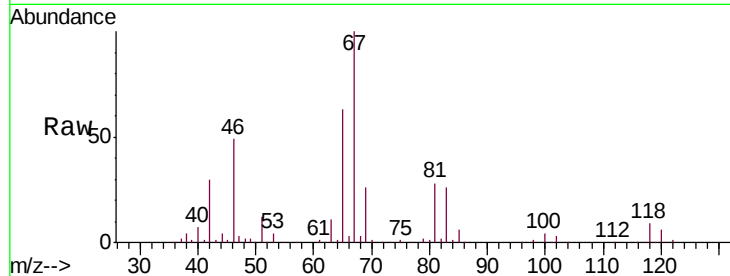




#40
 1,2-Dichloropropane
 Concen: 2.841 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW016855.D
 Acq: 08 Oct 2020 16:11

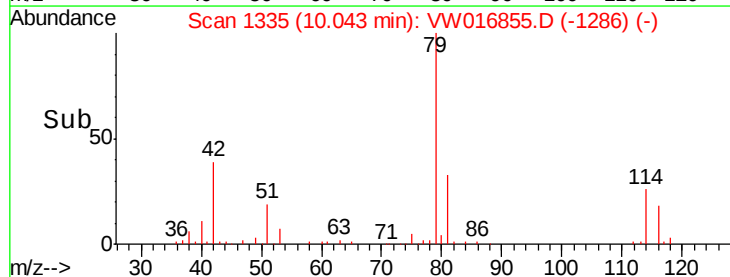
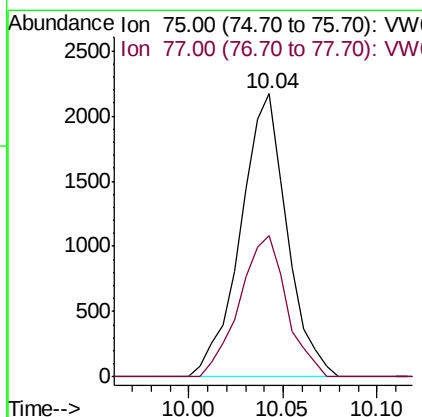
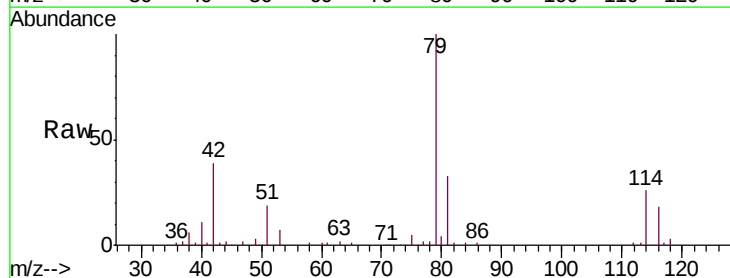
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 MSVOA_W
 ClientSampled :
 VIBLK

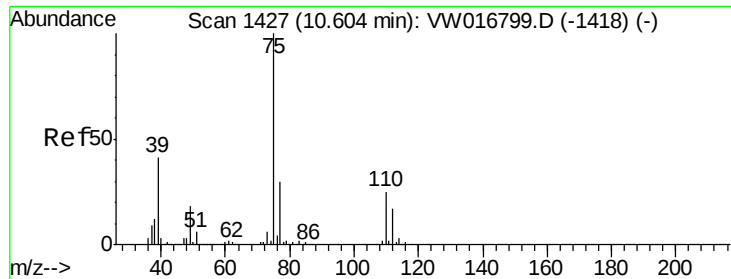
Tgt Ion: 63 Resp: 15471
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.5 6.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.427 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW016855.D
 Acq: 08 Oct 2020 16:11

Tgt Ion: 75 Resp: 3710
 Ion Ratio Lower Upper
 75 100
 77 49.9 22.1 41.1#





#45

trans-1,3-Dichloropropene

Concen: 0.327 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016855.D

Acq: 08 Oct 2020 16:11

Instrument :

MSVOA_W

ClientSampled :

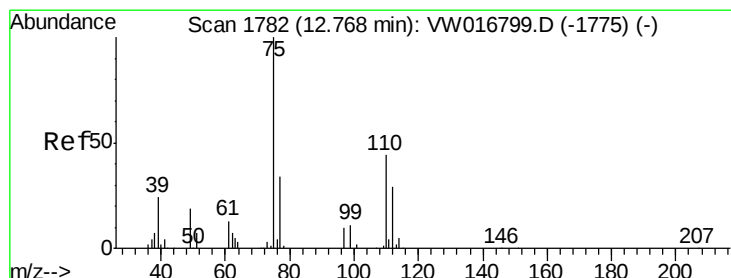
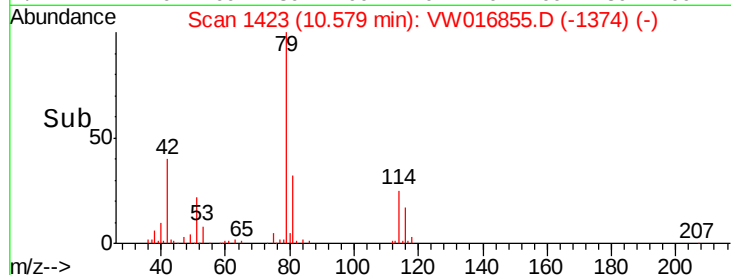
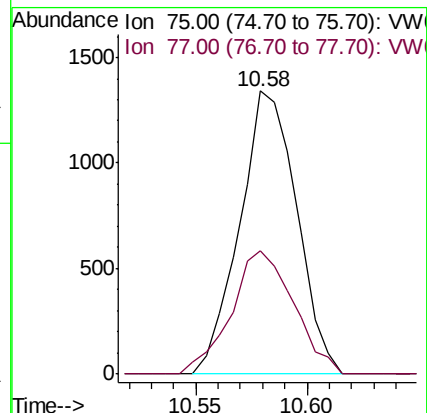
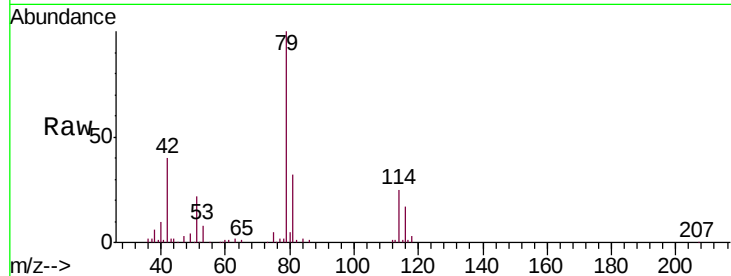
VIBLK

Tgt Ion: 75 Resp: 2391

Ion Ratio Lower Upper

75 100

77 43.4 22.2 41.2#



#59

1,2,3-Trichloropropane

Concen: 6.141 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016855.D

Acq: 08 Oct 2020 16:11

Tgt Ion: 75 Resp: 21765

Ion Ratio Lower Upper

75 100

77 38.2 26.2 39.2

