

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101420\
 Data File : VW016891.D
 Acq On : 13 Oct 2020 11:07
 Operator : SY/VA
 Sample : VW1014SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK27

Quant Time: Oct 14 08:42:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 08:34:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	550360	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	507163	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	241136	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125541	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.48%
7) Chloroethane-d5	2.89	69	105465	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.64%
10) 1,1-Dichloroethene-d2	4.02	63	190145	16.49	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.96%
20) 2-Butanone-d5	7.08	46	64210	52.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.42%
24) Chloroform-d	7.65	84	283068	24.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.48%
26) 1,2-Dichloroethane-d4	8.30	65	143444	25.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.28%
29) Benzene-d6	8.27	84	564468	24.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.04%
33) 1,2-Dichloropropane-d6	9.27	67	159135	25.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.84%
37) Toluene-d8	10.32	98	537225	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.88%
38) trans-1,3-Dichloropropene-	10.58	79	65863	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.48%
39) 2-Hexanone-d5	10.93	63	53149	55.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129477	25.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	201803	26.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.56%

Target Compounds

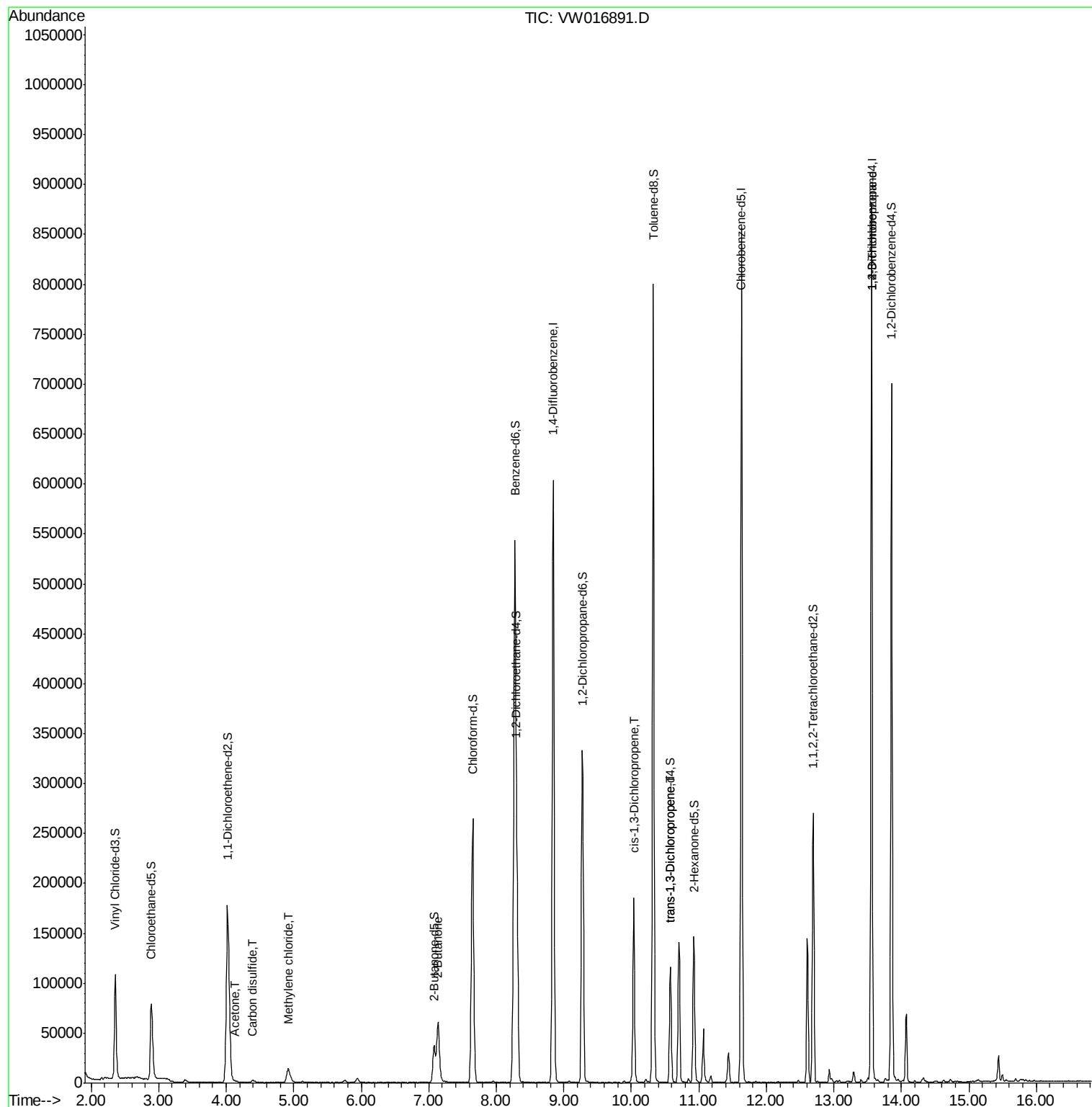
					Ovalue
13) Acetone	4.13	43	1884	2.024	ug/L 100
14) Carbon disulfide	4.38	76	4222	0.207	ug/L 97
16) Methylene chloride	4.92	84	12754	1.679	ug/L 93
21) 2-Butanone	7.13	43	2090	1.338	ug/L # 63
42) cis-1,3-Dichloropropene	10.04	75	4842	0.493	ug/L 87
45) trans-1,3-Dichloropropene	10.58	75	2900	0.351	ug/L 88
59) 1,2,3-Trichloropropane	13.56	75	24404	6.089	ug/L 91

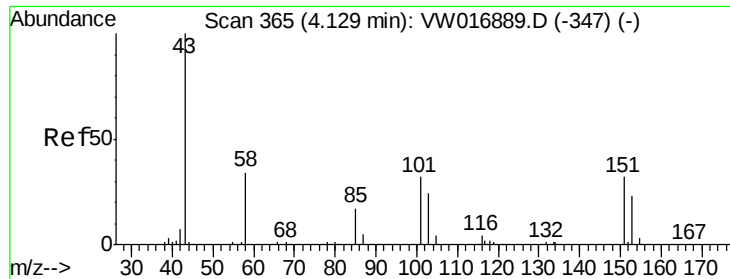
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 14 08:34:08 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.024 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW016891.D

Acq: 13 Oct 2020 11:07

Instrument :

MSVOA_W

ClientSampled :

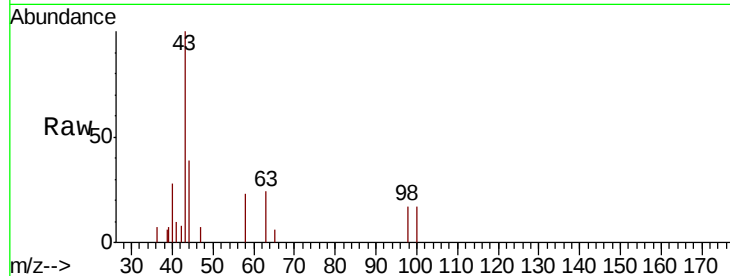
VBLK27

Tot Ion: 43 Resp: 1884

Ion Ratio Lower Upper

43 100

58 33.8 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1000

800

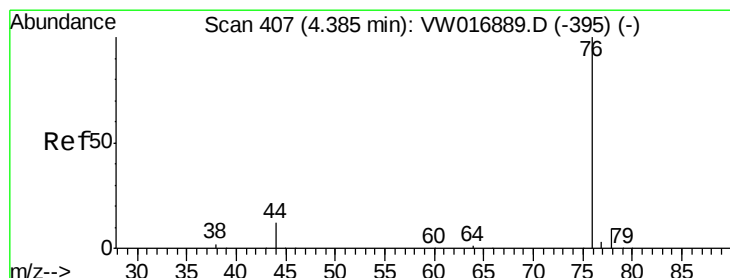
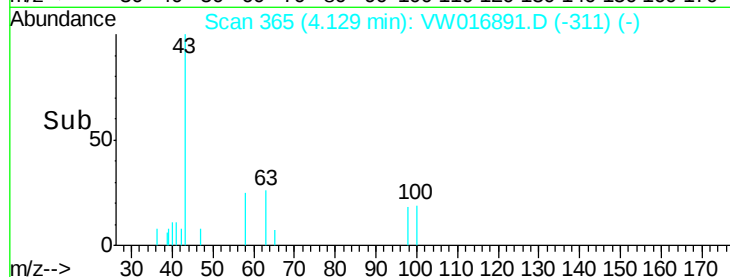
600

400

200

0

Time--> 4.05 4.10 4.15



#14

Carbon disulfide

Concen: 0.207 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW016891.D

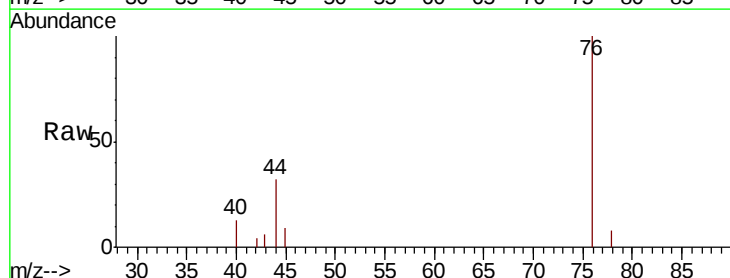
Acq: 13 Oct 2020 11:07

Tgt Ion: 76 Resp: 4222

Ion Ratio Lower Upper

76 100

78 8.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.38

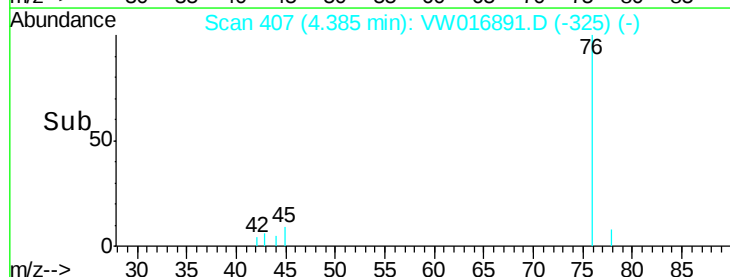
1500

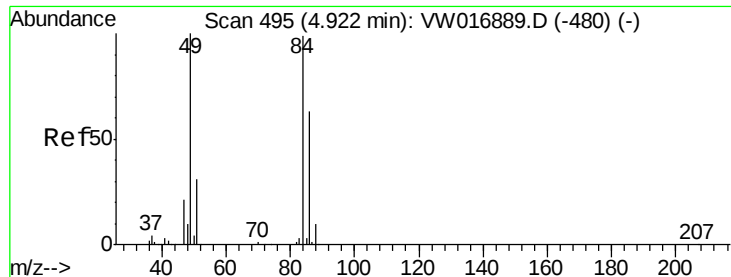
1000

500

0

Time--> 4.30 4.35 4.40 4.45

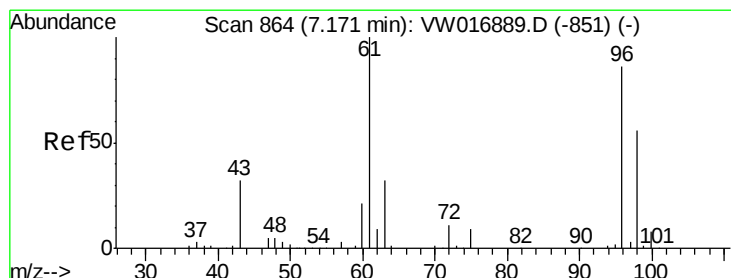
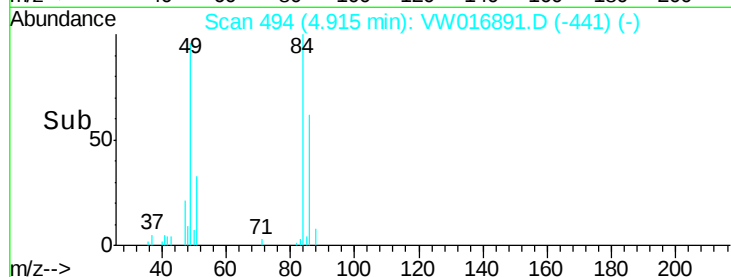
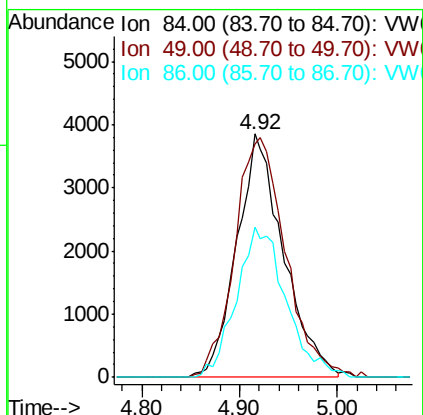
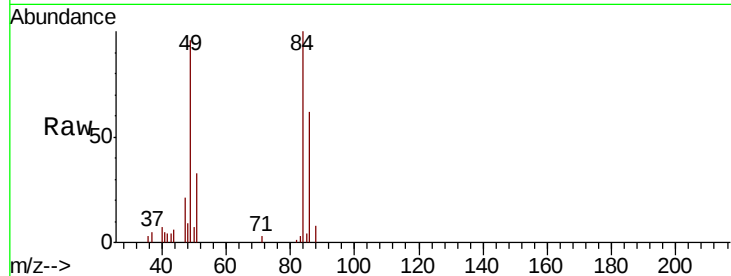




#16
Methvlene chloride
Concen: 1.679 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW016891.D
Acq: 13 Oct 2020 11:07

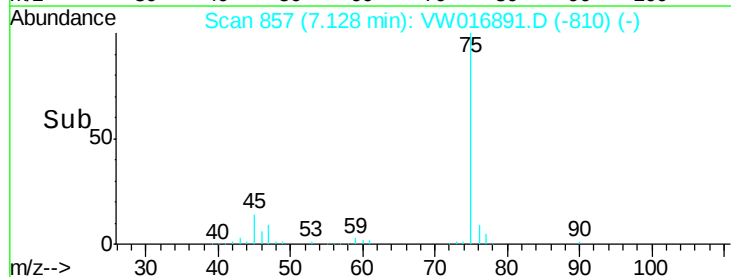
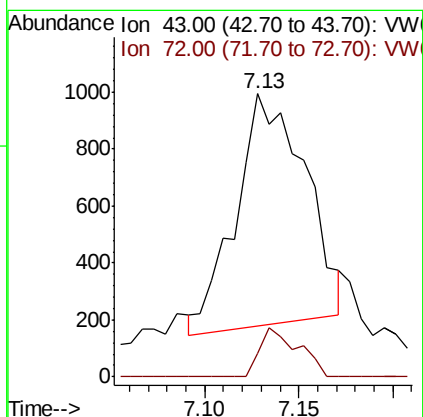
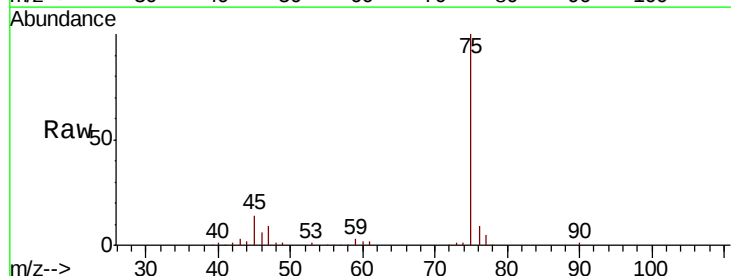
Instrument :
MSVOA_W
ClientSampleId :
VBLK27

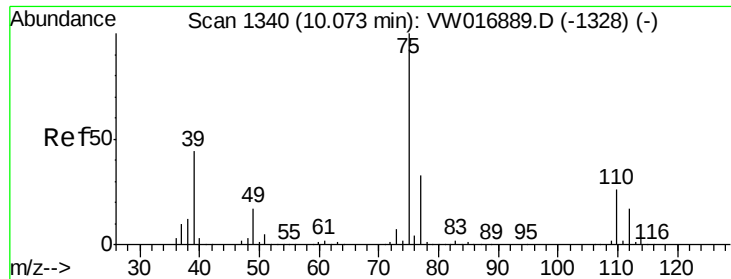
Tot Ion	84	Resp	12754
Ion	Ratio	Lower	Upper
84	100		
49	96.0	73.1	135.8
86	61.6	46.0	85.4



#21
2-Butanone
Concen: 1.338 ug/L
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: VW016891.D
Acq: 13 Oct 2020 11:07

Tgt Ion	43	Resp	2090
Ion	Ratio	Lower	Upper
43	100		
72	11.7	16.2	48.5#





#42

cis-1,3-Dichloropropene

Concen: 0.493 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016891.D

Acq: 13 Oct 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

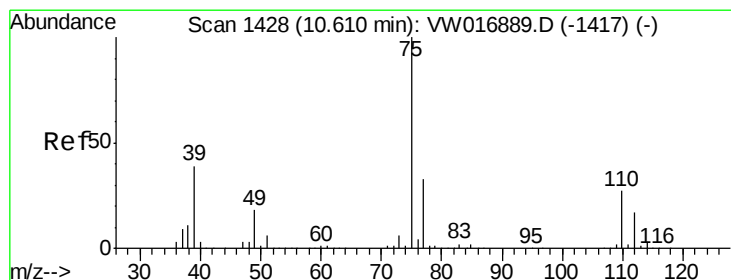
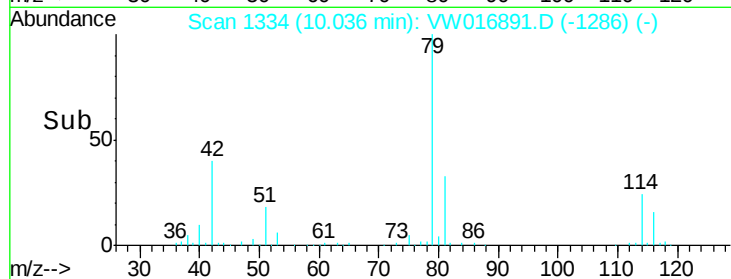
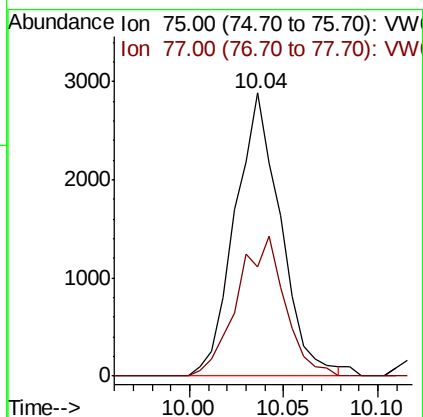
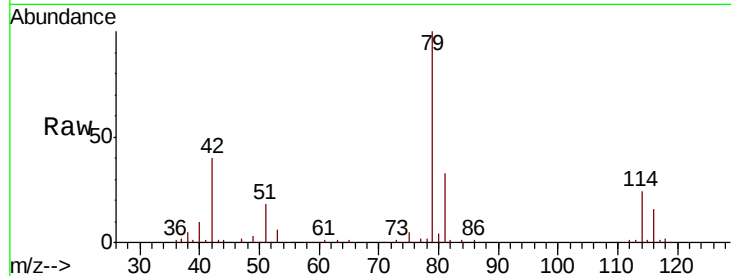
VBLK27

Tot Ion: 75 Resp: 4842

Ion Ratio Lower Upper

75 100

77 38.7 22.1 41.1



#45

trans-1,3-Dichloropropene

Concen: 0.351 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016891.D

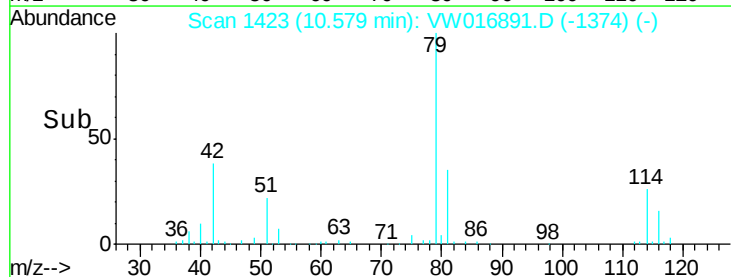
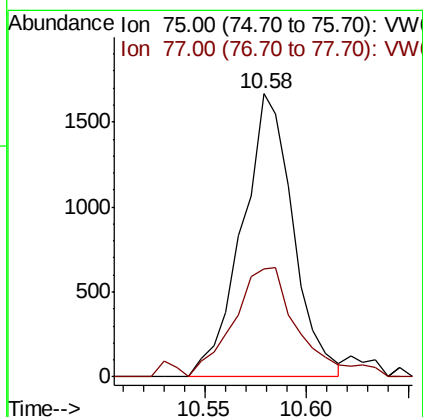
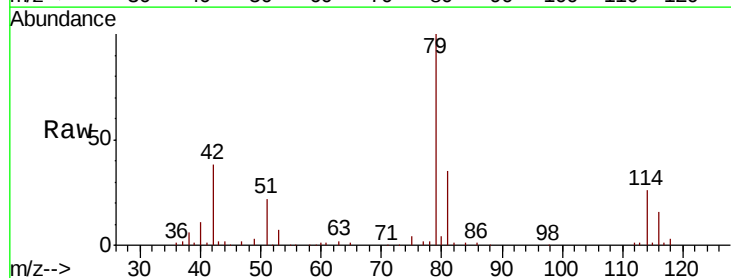
Acq: 13 Oct 2020 11:07

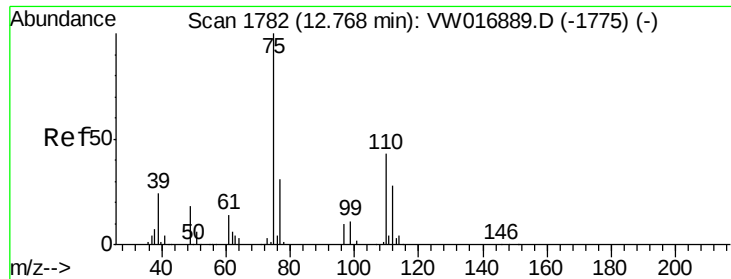
Tgt Ion: 75 Resp: 2900

Ion Ratio Lower Upper

75 100

77 38.1 22.2 41.2





#59

1,2,3-Trichloropropane

Concen: 6.089 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016891.D

Acq: 13 Oct 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VBLK27

Tot Ion: 75 Resp: 24404

Ion Ratio Lower Upper

75 100

77 37.6 26.2 39.2

